County of Los Angeles

Draft
Environmental Impact Report
SCH No. 2005051143
Volume XVI
Appendix 4.19 (continued)

# MISSION VILLAGE

Prepared for:

Los Angeles County
Department of Regional Planning
320 West Temple Street
Los Angeles, California 90012

Prepared by:

IMPACT SCIENCES, INC.
803 Camarillo Springs Road, Suite A
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NEWHALL RANCH
Newhall Ranch Company

OCTOBER 2010

County of Los Angeles

# Draft Environmental Impact Report

SCH No. 2005051143

Volume XVI
Appendix 4.19 (continued)

# MISSION VILLAGE

| | |
|---|---|
| Project No. | 04-181 |
| Vesting Tentative Tract Map No. | 61105 |
| SEA Conditional Use Permit No. | RCUP200500080 |
| Oak Tree Permit No. | ROAK200500032 |
| Oak Tree Permit No. | T200500043 |
| Conditional Use Permit (Off-Site Improvements) | RCUP200500081 |

Substantial Conformance Determinations for Grading and Hillside Management Guidelines

NEWHALL RANCH
Newhall Ranch Company

Prepared for:

Los Angeles County
Department of Regional Planning
320 West Temple Street
Los Angeles, California 90012

Prepared by:

IMPACT SCIENCES, INC.
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OCTOBER 2010

# DRAFT
# ENVIRONMENTAL IMPACT REPORT
# for
# MISSION VILLAGE

## SCH No. 2005051143

**County Project No. 04-181**
**Vesting Tentative Tract Map No. 61105**
**SEA Conditional Use Permit No. RCUP200500080**
**Oak Tree Permit No. ROAK200500032**

**Oak Tree Permit No. T200500043**
**Conditional Use Permit RCUP200500081**
**(Off-Site Improvements)**

## Volume XVI
## Appendix 4.19 (continued)

**Prepared for:**

Los Angeles County
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320 West Temple Street
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**Prepared by:**

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Camarillo, California 93012
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**October 2010**

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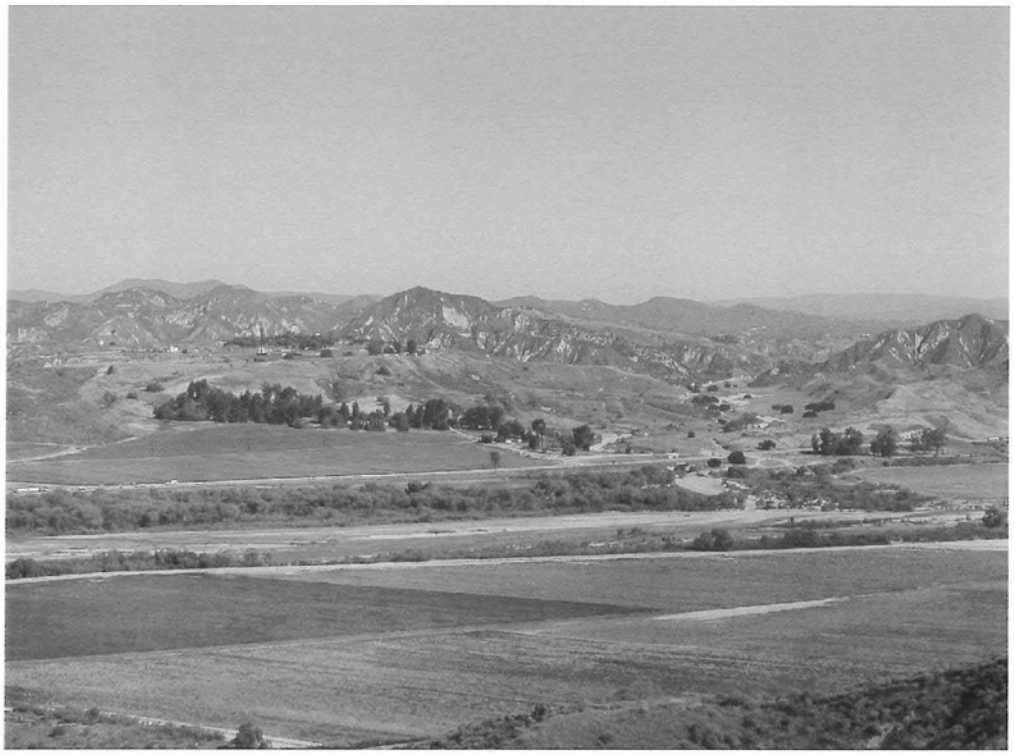
OF

# PARCEL MAP NO. 060678
# HIGHWAY 126
# VALENCIA, CALIFORNIA



FOR

## GATZKE DILLON & BALANCE LLP

BA ENVIRONMENTAL
A Division of Building Analytics

**File No. 105034**
**September 2005**

Newhall / Soledad Village Project EIR
212.27

BA Environmental
Phase I Environmental Site Assessment of Parcel Map No. 060678 Highway 126
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# TAB 1

# APPENDIX A:

# Historical Aerial Photographs

# The EDR-Aerial Photography Print Service

**Parcel Map No. 060678**
**Valencia**
**Valencia, CA 91355**

**March 14, 2005**

**Inquiry Number: 1376454-3**

EDR® Environmental Data Resources Inc

## The Standard In Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

**Nationwide Customer Service**

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# Environmental Data Resources, Inc.
# Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

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Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of local aerial photograph collections flown by public and private agencies. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at ten year intervals.

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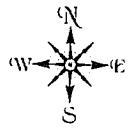
Inquiry#376454.3
Year: 1938
Flyer: Fairchild
Scale: 1"=600'



Inquiry# 13764543
Year: 1938
Flyer: Fairchild
Scale: 1"=1000'

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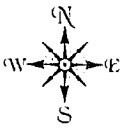
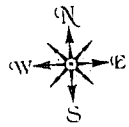
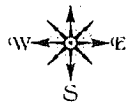
Inquiry# 13764543
Year: 1998
Flyer: Fairchild
Scale: 1"=6000'



Inquiry# 13764543
Year: 1938
Flyer: Fairchild
Scale: 1"=666'



Year: 1938
Flyer: Fairchild
Scale: 1"=666'




Inquiry# 1376454.3

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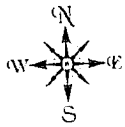
Inquiry# 13764543

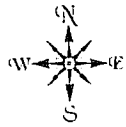
Year: 1938

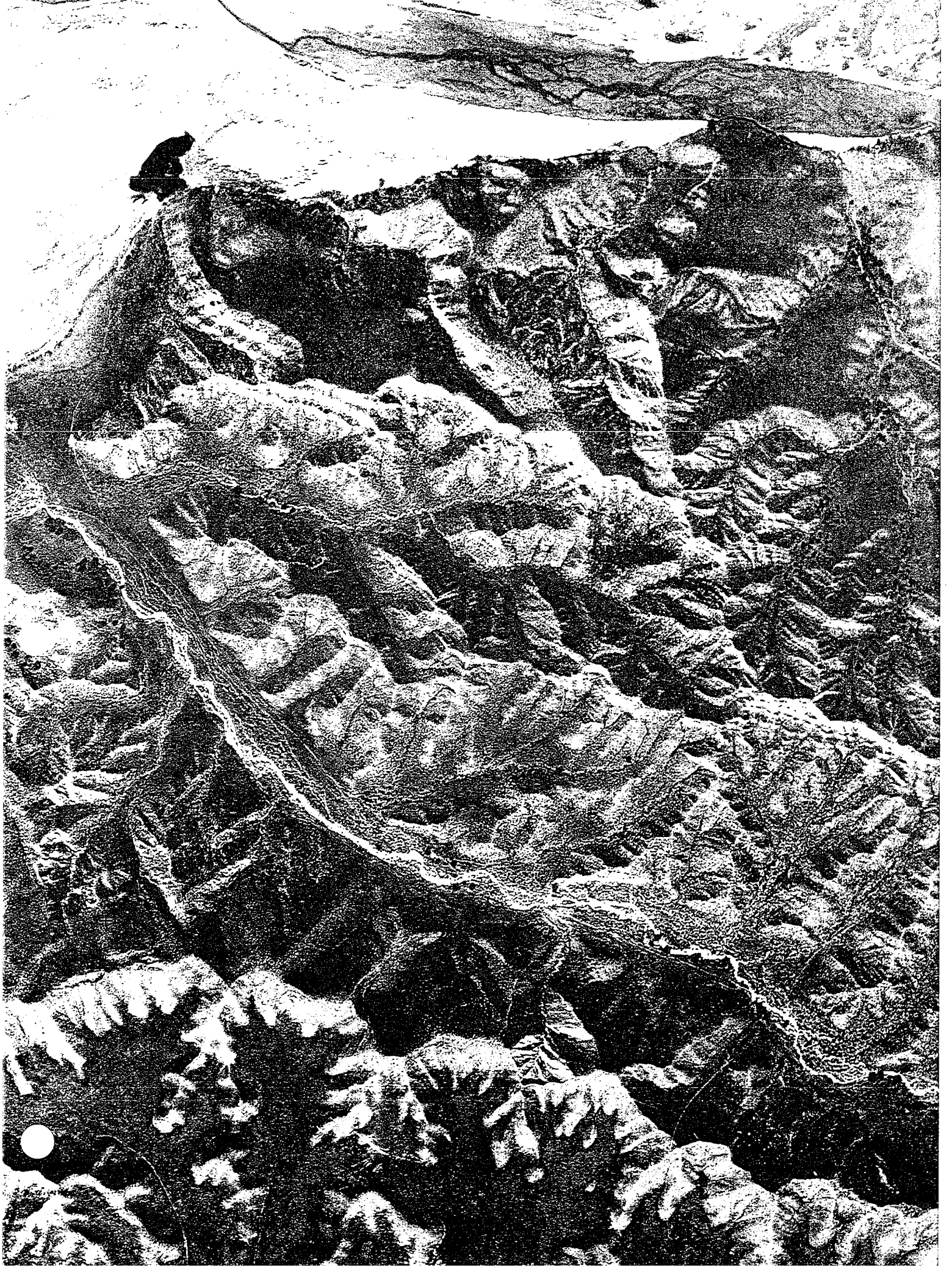
Flyer: Fairchild

Scale: 1" = 1000'

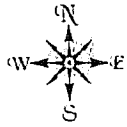


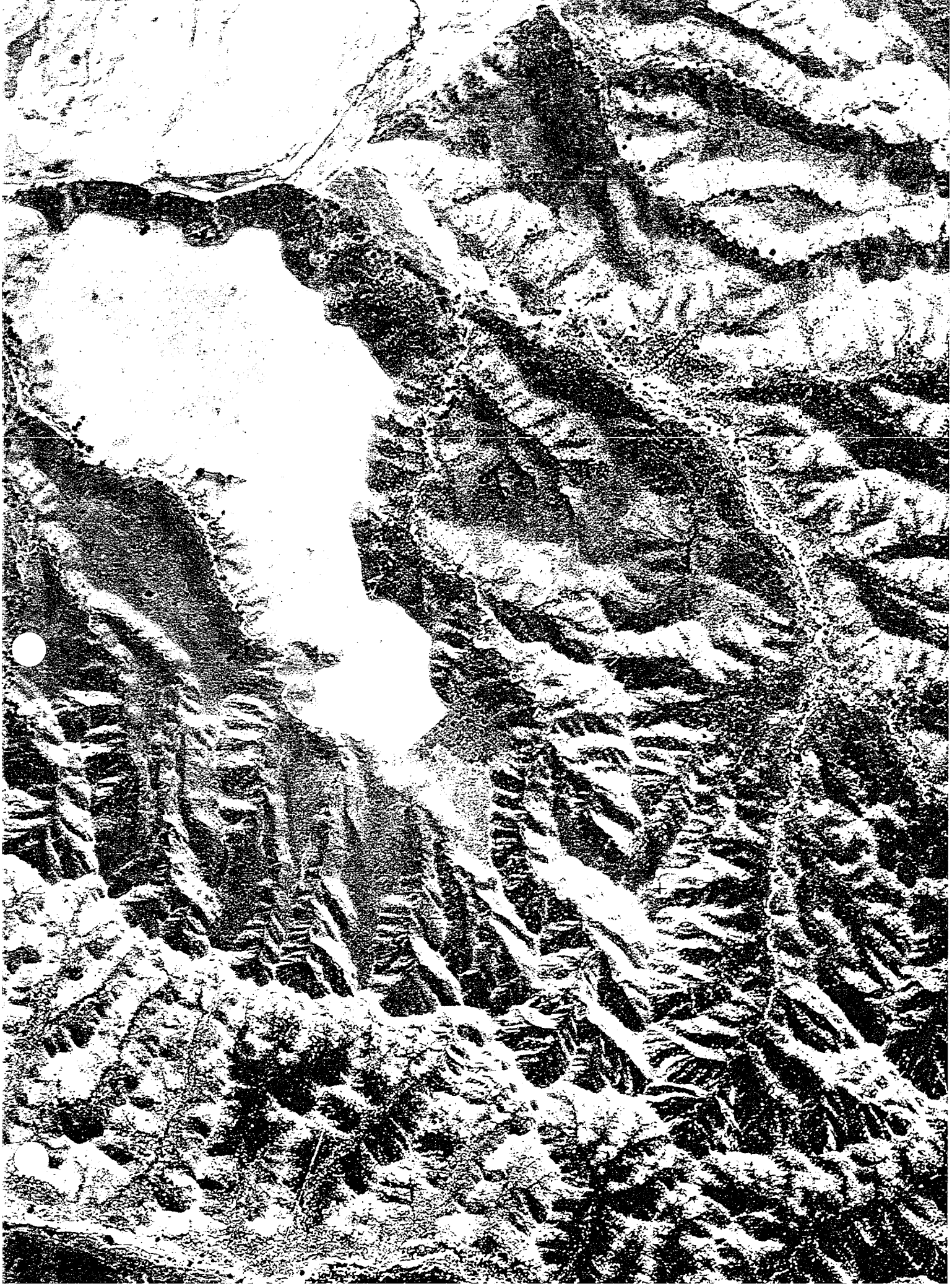
Inquiry# 1376454.3
Year: 1938
Flyer: Fairchild
Scale: 1"=600'



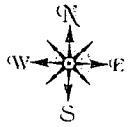


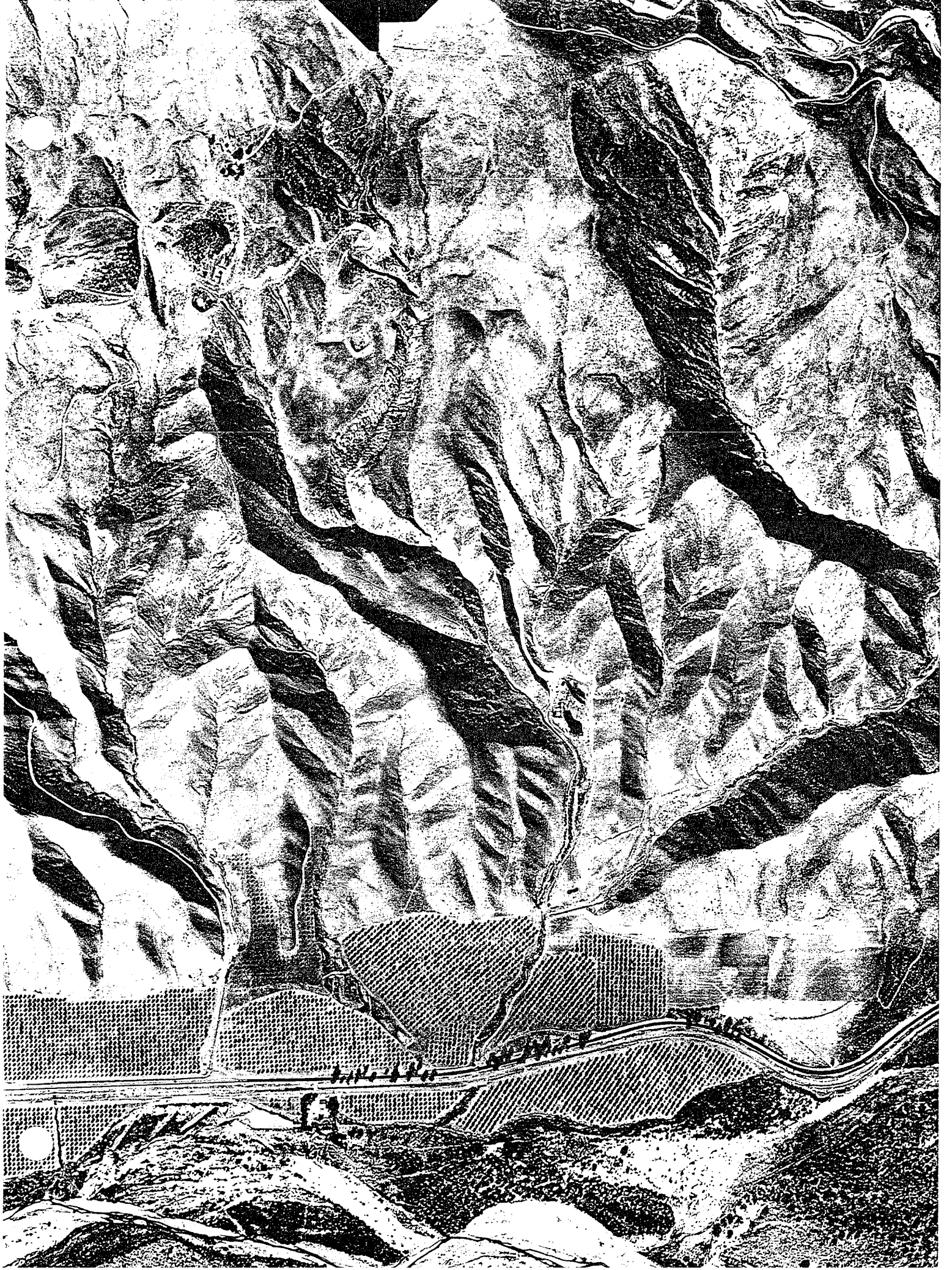
Inquiry# 13764543
Year: 1938
Flyer: Fairchild
Scale: 1"=600'



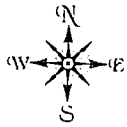


Inquiry# 1374543
Year: 1938
Flyer: Fairchild
Scale: 1" = 400'





Inquiry# 13764543
Year: 1954
Flyer: PACIFIC AIR
Scale: 1"=666'



Inquiry# 1376454.3
Year: 1954
Flyer: Pacific Air
Scale: 1"=666'

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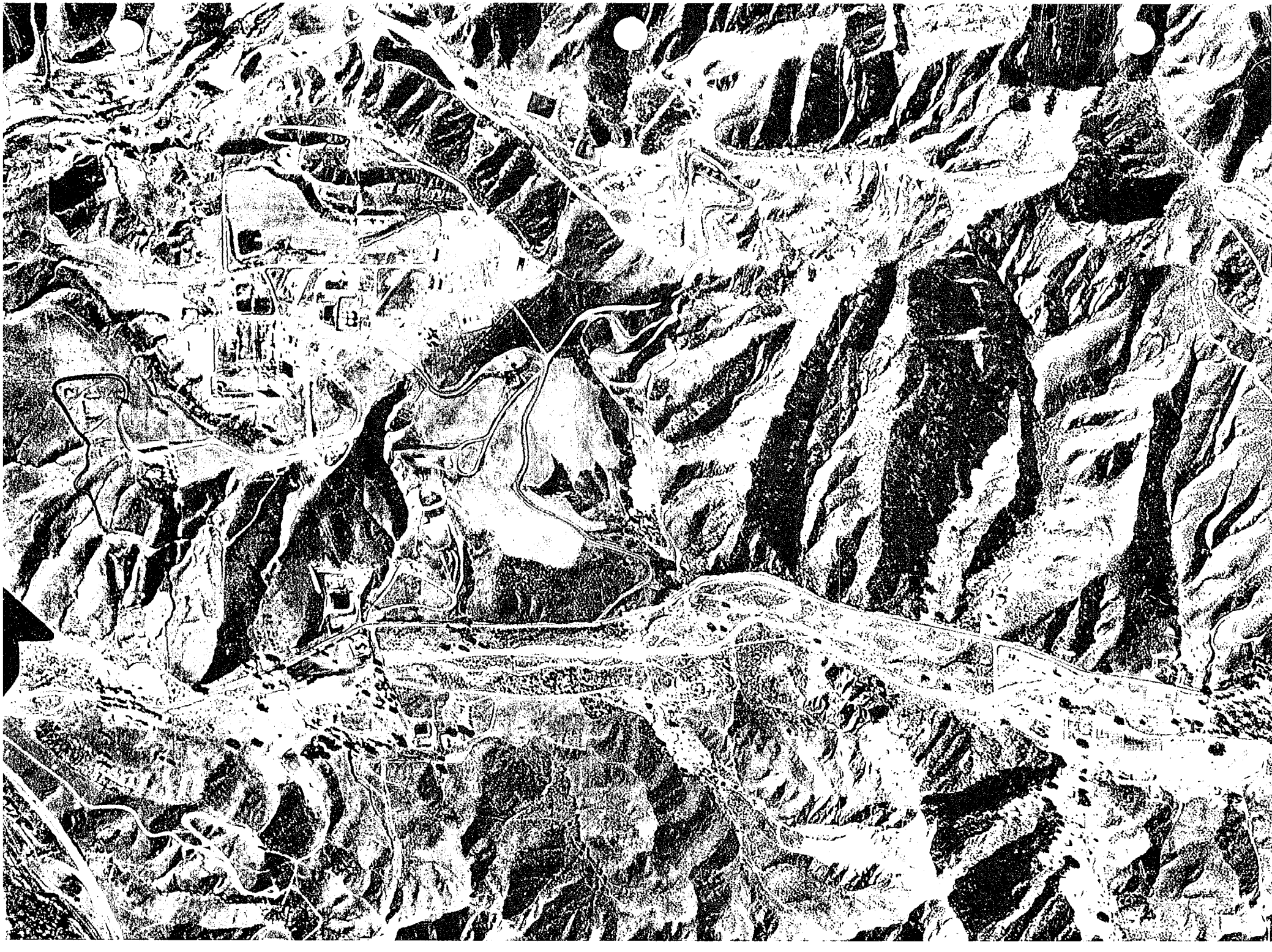
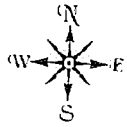
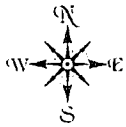


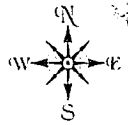
Inquiry# 1376454.3
Year: 1954
Flyer: Pacific Air
Scale: 1" = 600'



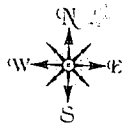
Inquiry# 1376454.3
Year: 1950
Flyer: PACIFIC AIR
Scale: 1"=666'



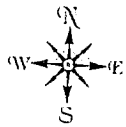
Inquiry# 137454.3
Year: 1952
Flyer: Pacific Air
Scale: 1" = 6000'



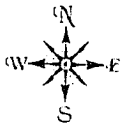
Inquiry# 1376454.3
Year: 1952
Flyer: Pacific Air
Scale: 1"=666'

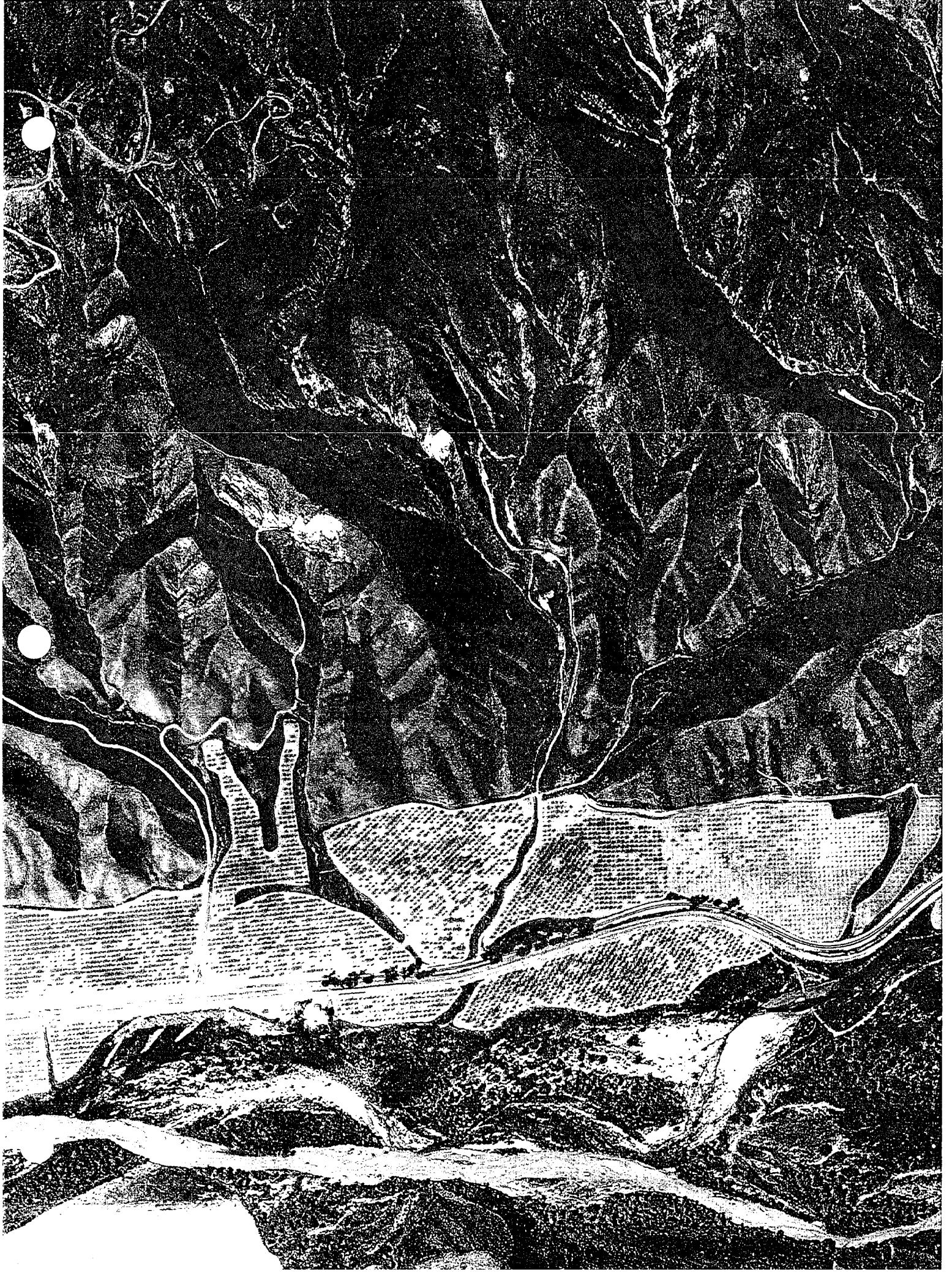


Inquiry# 1376454.3
Year: 1952
Flyer: Pacific Air
Scale: 1" = 6660'



Inquiry# 1376454.3
Year: 1952
Flyer: Pacific Air
Scale: 1"=600'





Inquiry # 1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=600'

N↑

Inquiry # 1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=1000'

N ↑

Inquiry #1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=600' N↑

Inquiry # 1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=600' N↑

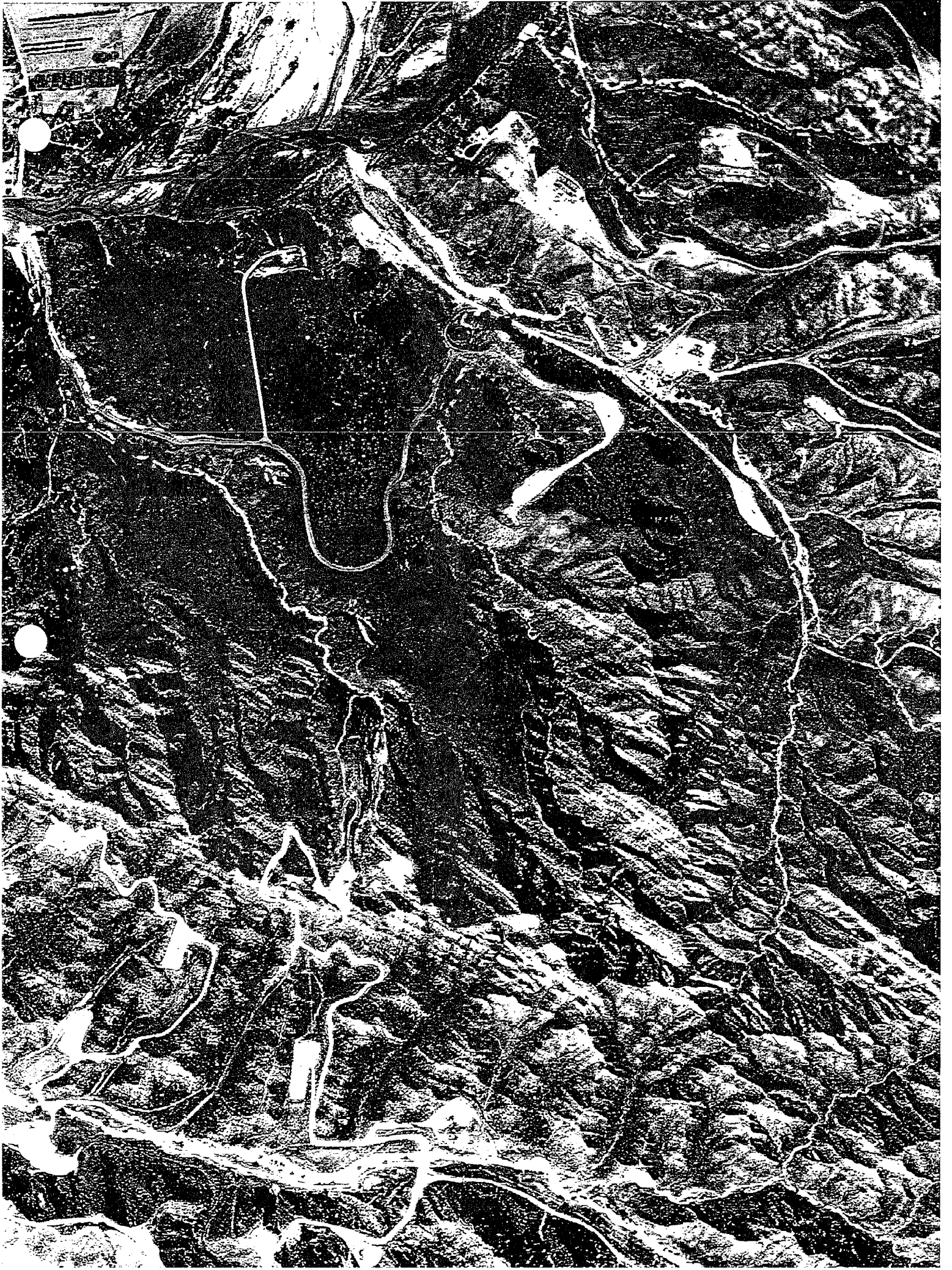
Inquiry # 1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=1000'

N

Inquiry #1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=600' N↑

Inquiry #1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=600'

N



Inquiry #1376454.3
Year: 1968
Flyer: Teledyne
Scale: 1"=600'

N↑

Inquiry# 1976454.3

Year: 1976

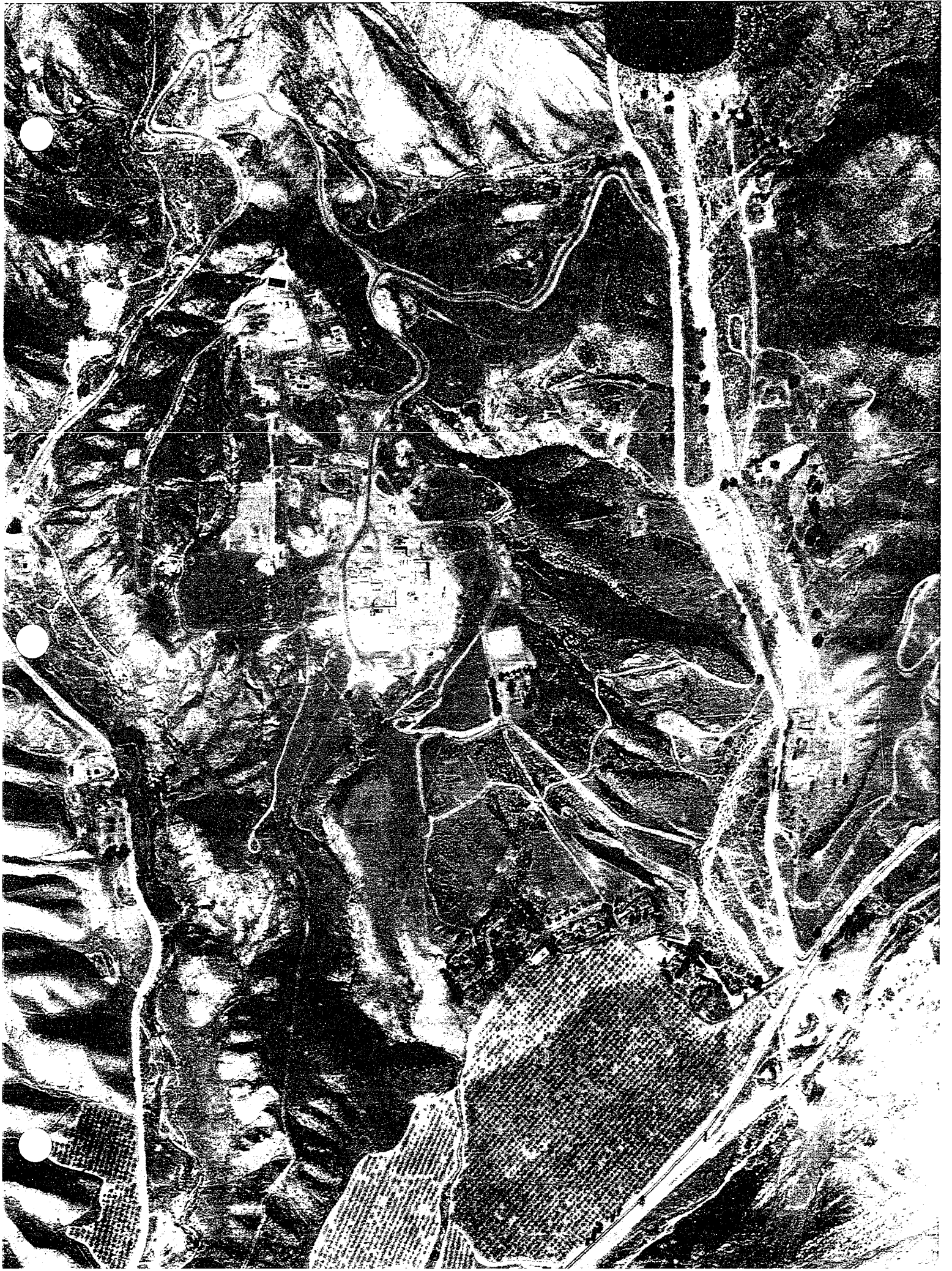
Flyer: Teledyne

Scale: 1"=666'

Photo West NOT AVAIL.

Inquiry # 1376454.3
Year: 1976
Flyer: Teledyne
Scale: 1" = 666'

N ↑

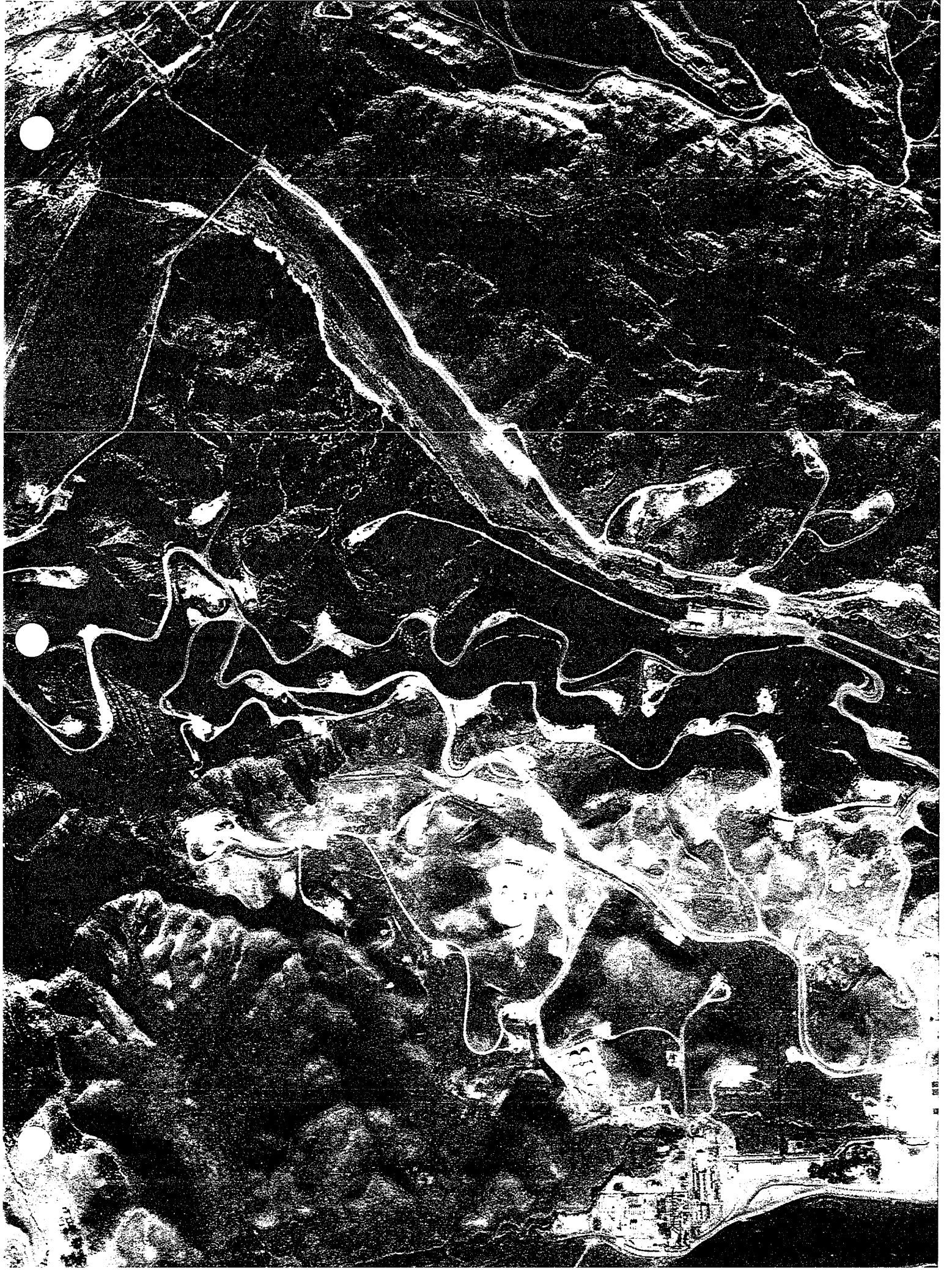


Inquiry # 1376454.3
Year: 1976
Flyer: Teledyne
Scale: 1" = 666'

N

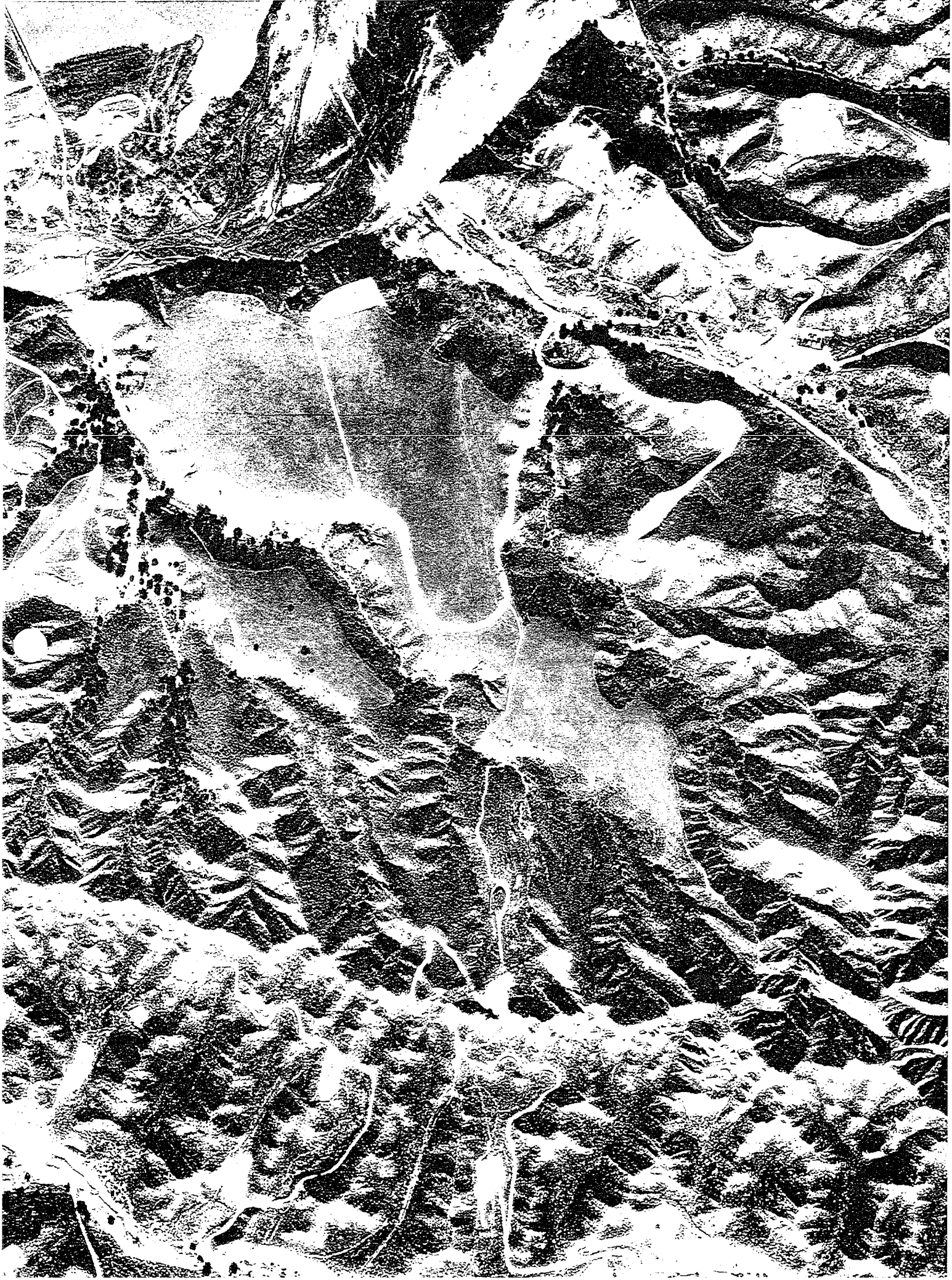
Inquiry #13264243
Year: 1976
Flyer: Teledyne
Scale: 1" = 666'

N



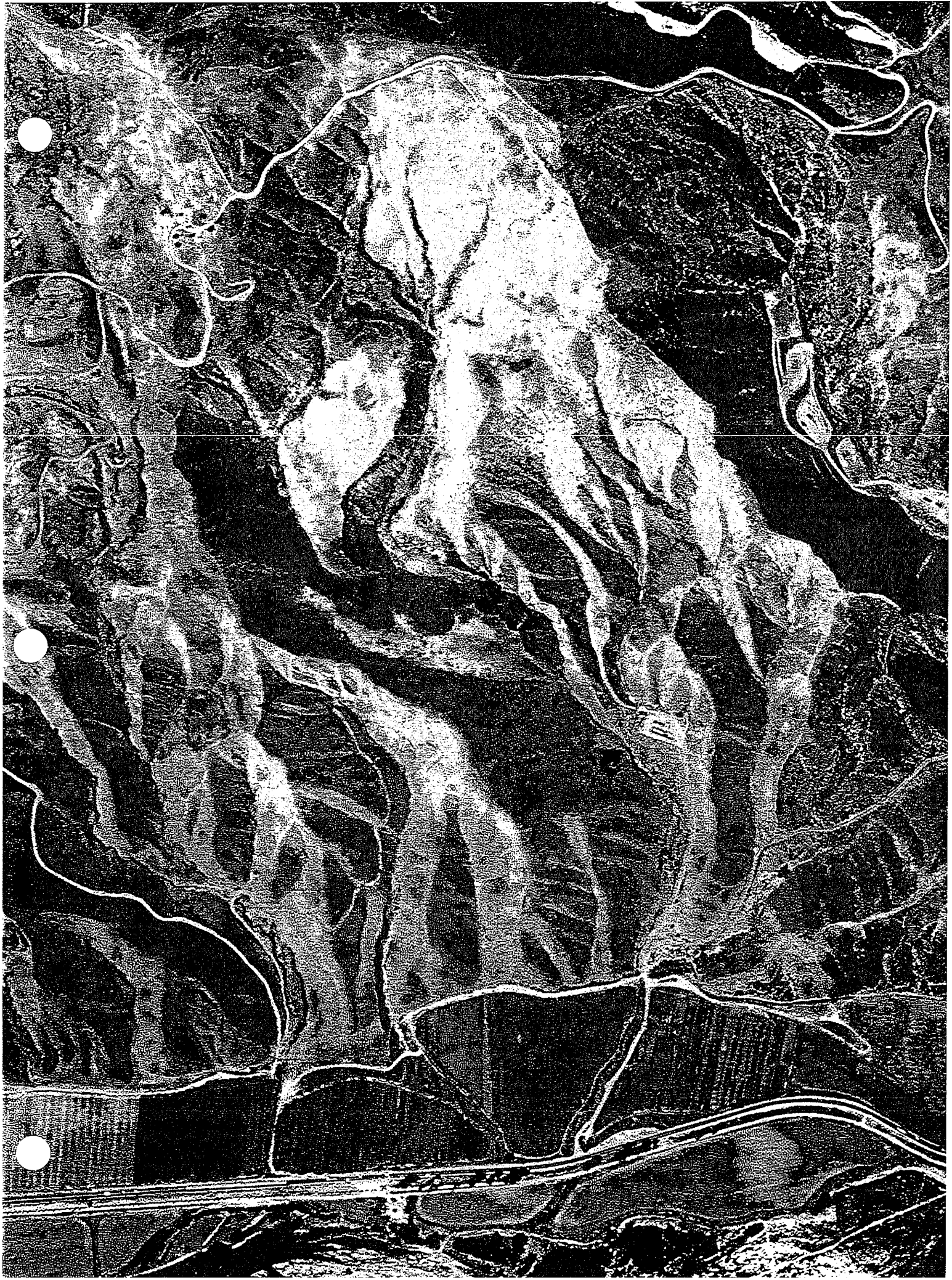
Inquiry # 13764543
Year: 1976
Flyer: Teledyne
Scale: 1" = 666'

N ↑

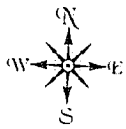


Inquiry # 1376454.3
Year: 1976
Flyer: Teledyne
Scale: 1" = 666'

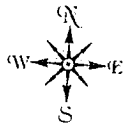
N



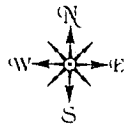
Inquiry# 13764543
Year: 1989
Flyer: USGS
Scale: 1"=666'

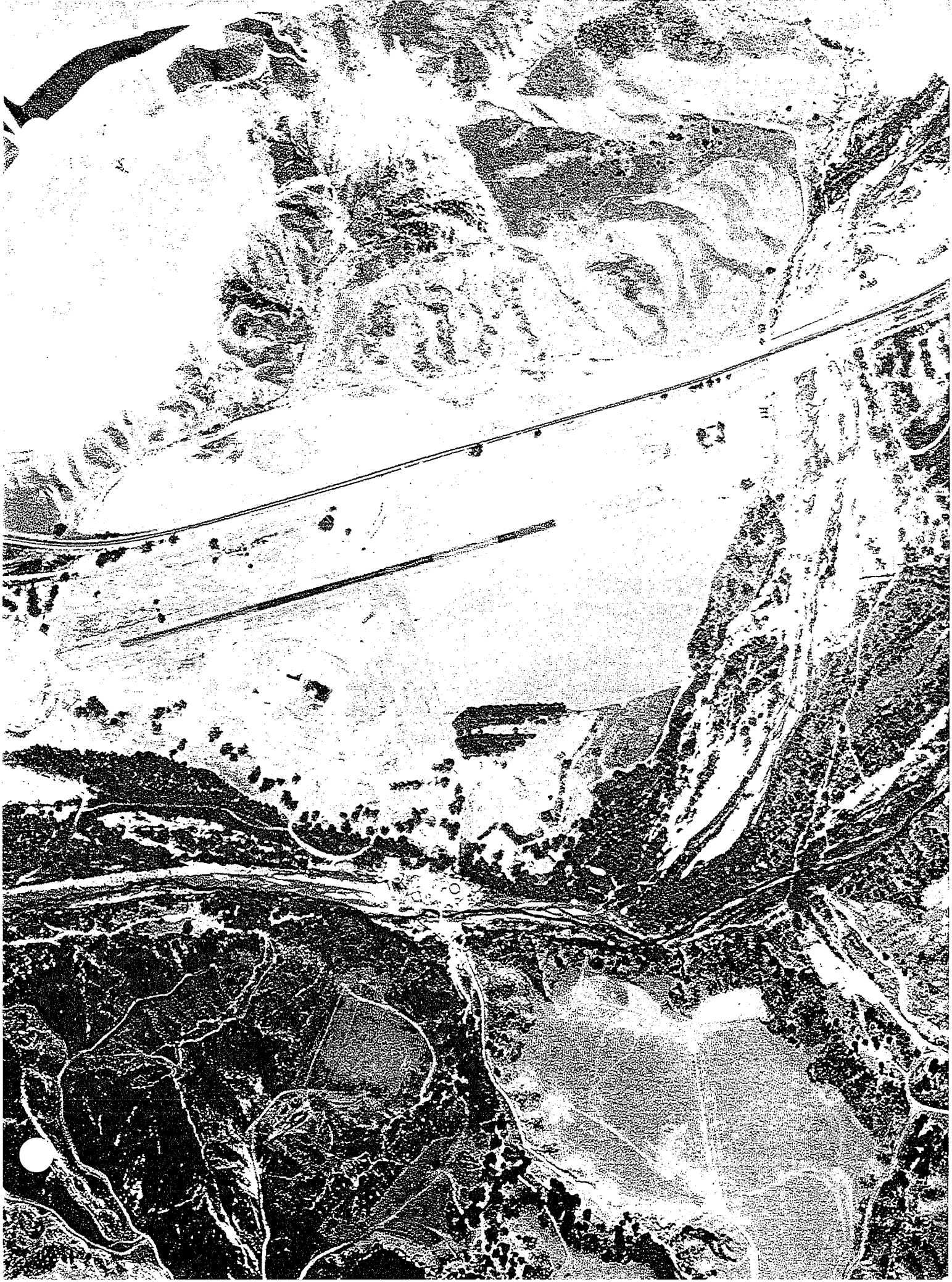


Inquiry# 1376454.3
Year: 1989
Flyer: USGS
Scale: 1"=666'

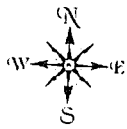


Inquiry# 13764543
Year: 1989
Flyer: USGS
Scale: 1"=666'





Inquiry# 1376543
Year: 1989
Flyer: USGS
Scale: 1"=666'



Inquiry# 1376453
Year: 1989
Flyer: USGS
Scale: 1"=666'

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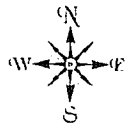
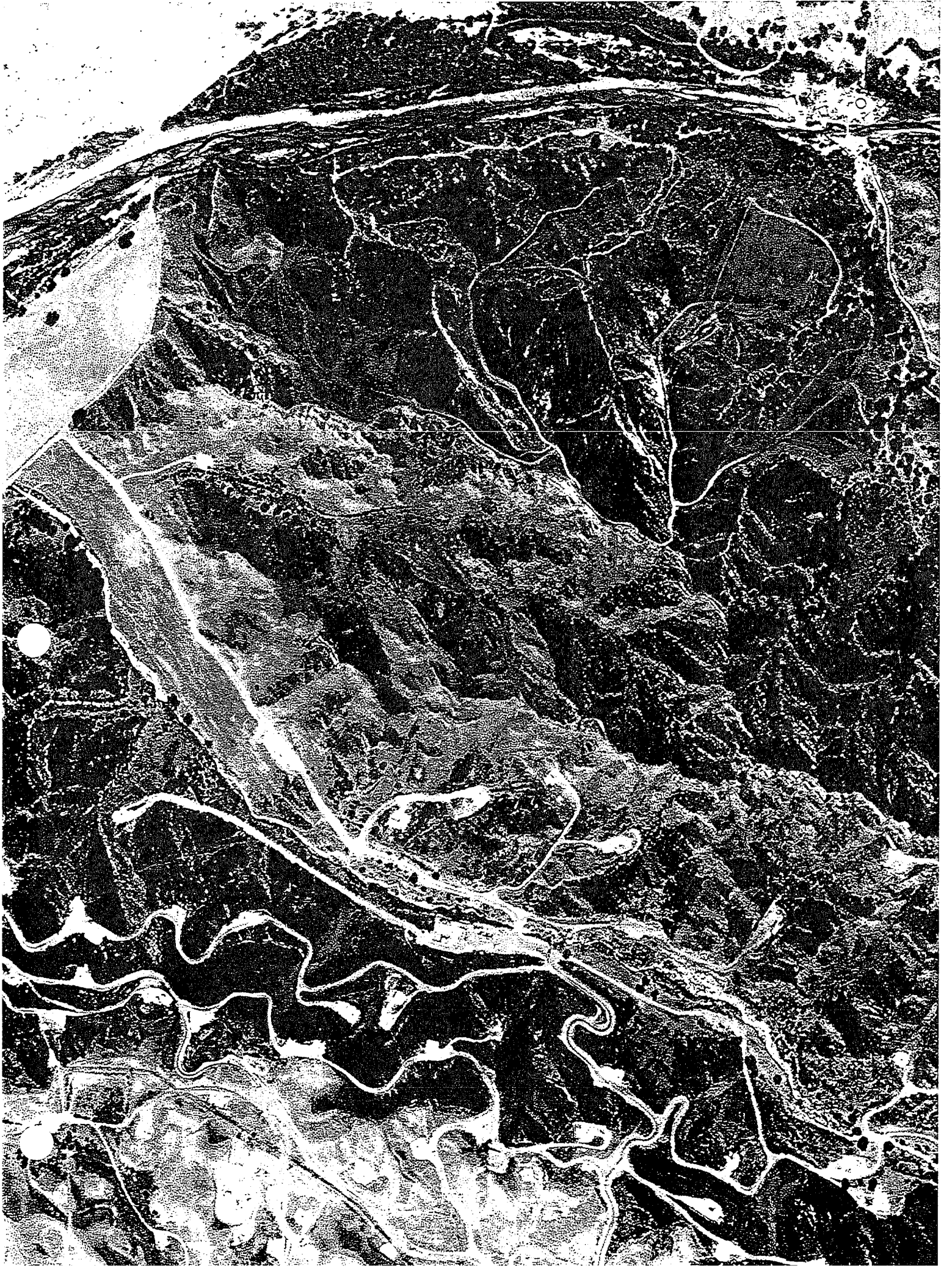
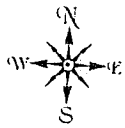
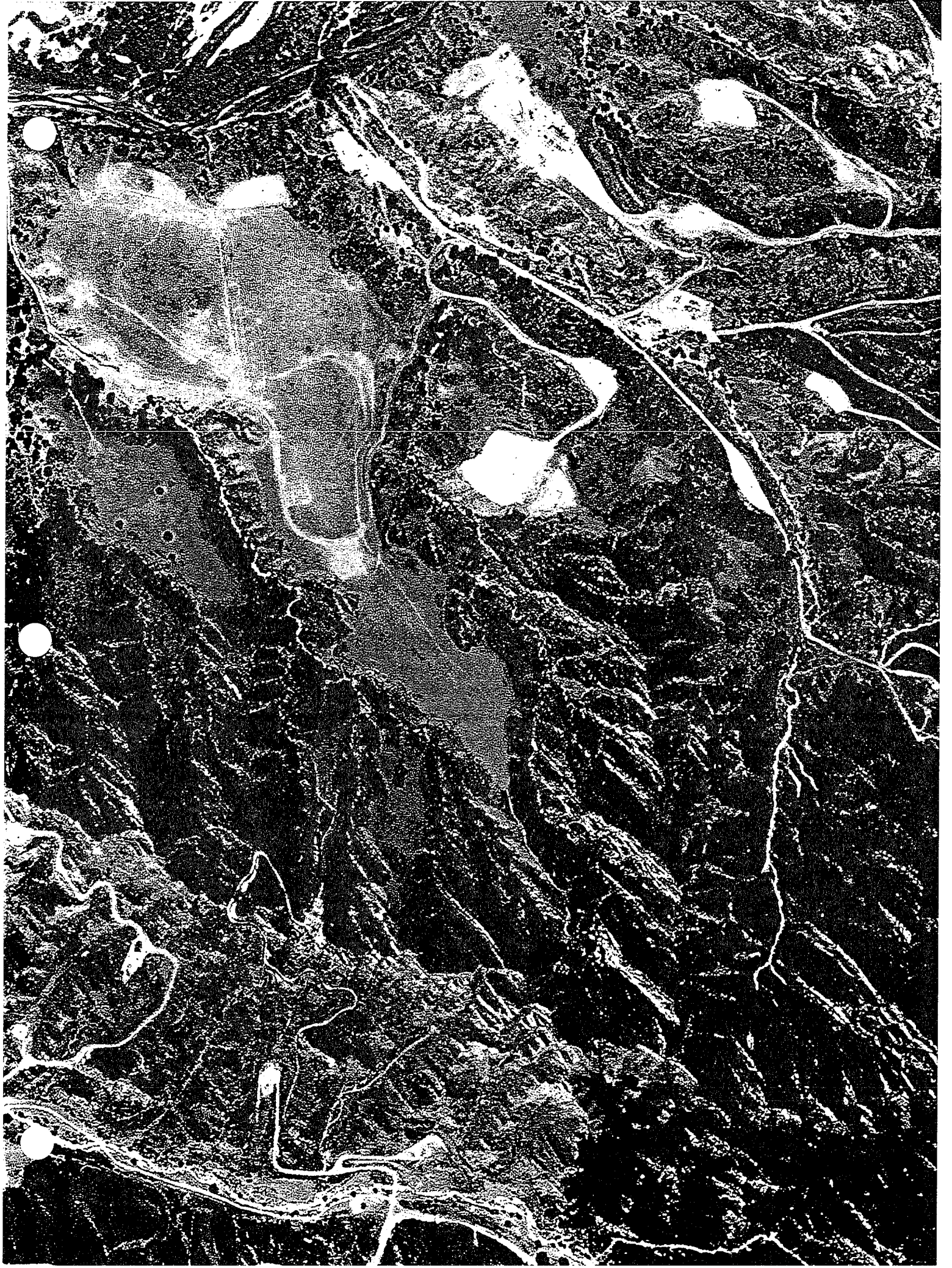
Inquiry# 1376413
Year: 1989
Flyer: USGS
Scale: 1"=666'



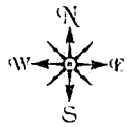


Inquiry# 1376454.3
Year: 1989
Flyer: USGS
Scale: 1"=666'

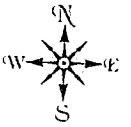


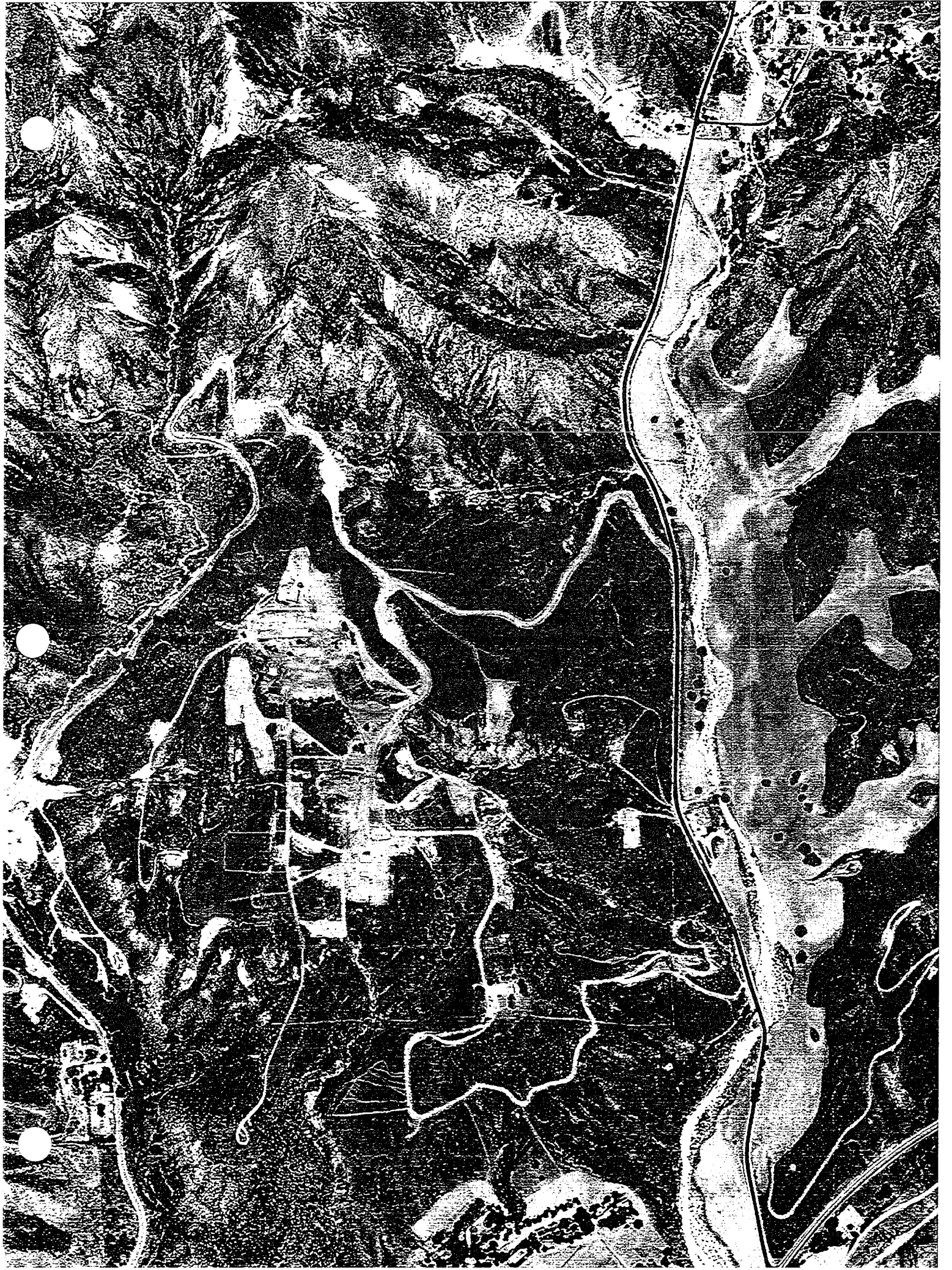


Inquiry# 1376543
Year: 1989
Flyer: USGS
Scale: 1"=666'

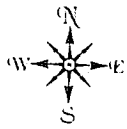


Inquiry# 13764543
Year: 1994
Flyer: USGS
Scale: 1"=666'

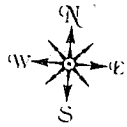


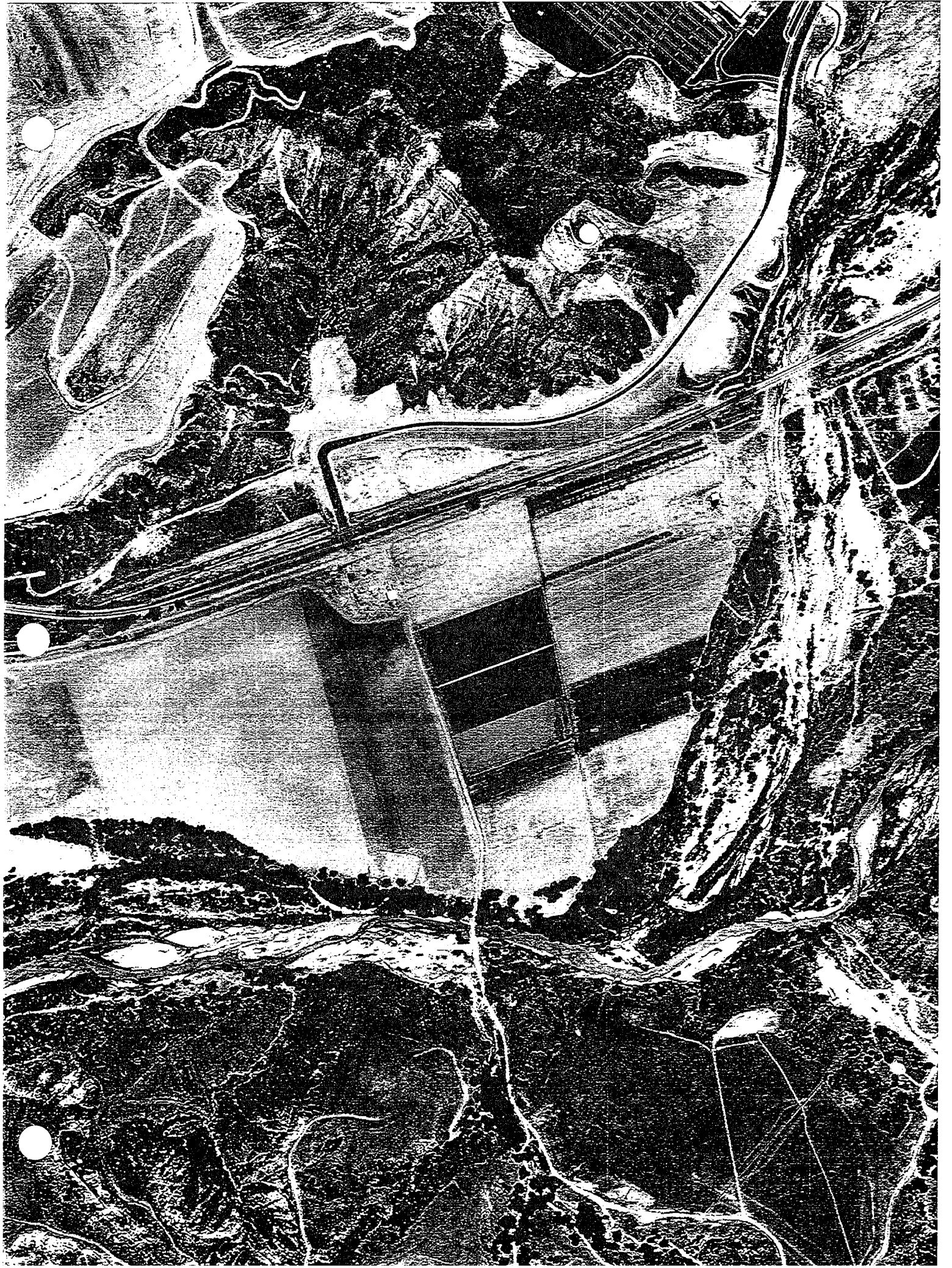


Inquiry# 1376454.3
Year: 1994
Flyer: USGS
Scale: 1"=666'

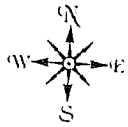


Inquiry# 1376543
Year: 1994
Flyer: USGS
Scale: 1"=666'

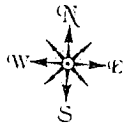




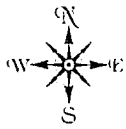
Inquiry# 13764543
Year: 1994
Flyer: USGS
Scale: 1"=666'



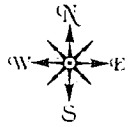
Inquiry# 1376454.3
Year: 1994
Flyer: USGS
Scale: 1"=666'

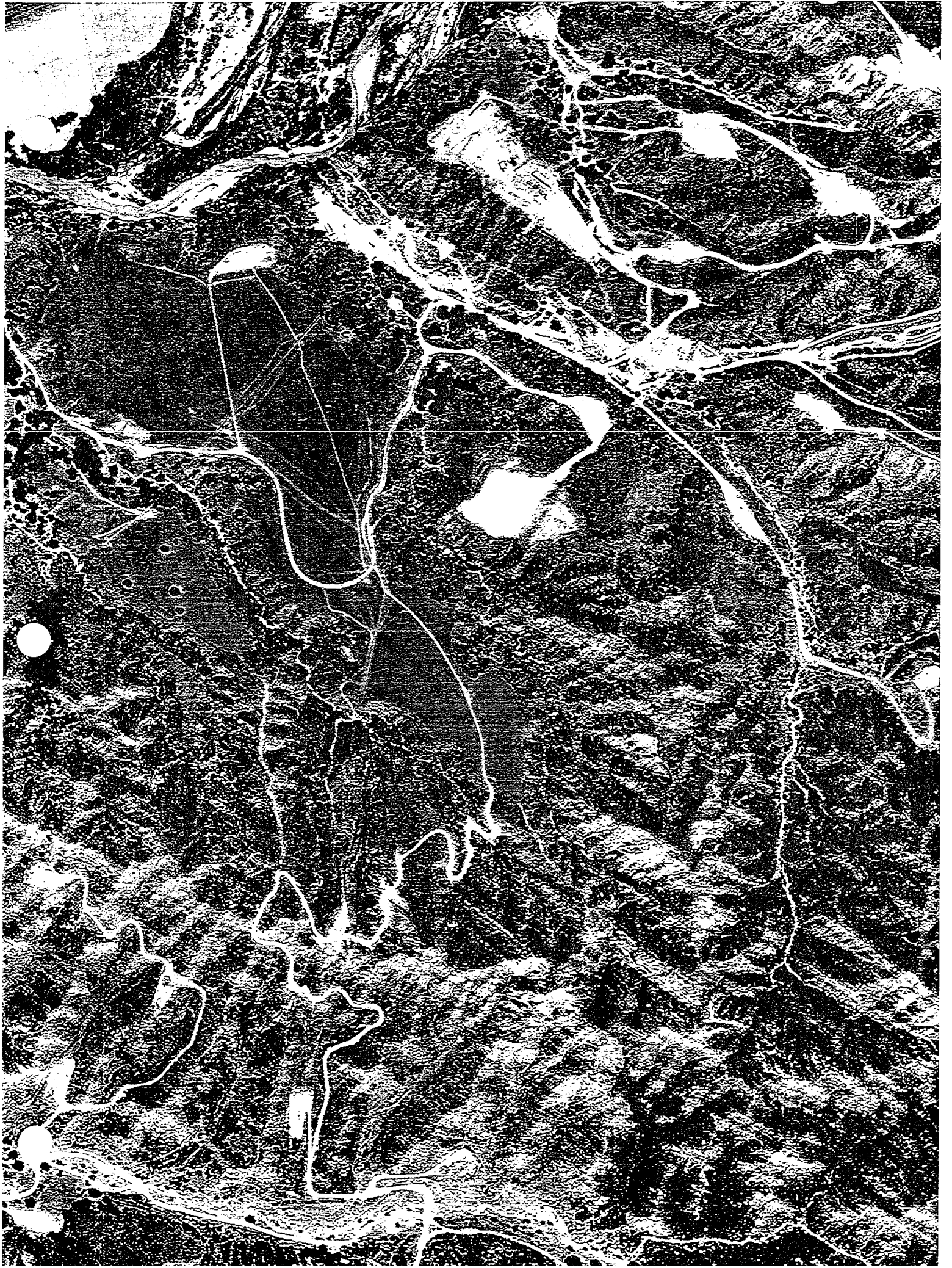


Inquiry# 13264543
Year: 1994
Flyer: USGS
Scale: 1"=666'

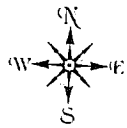


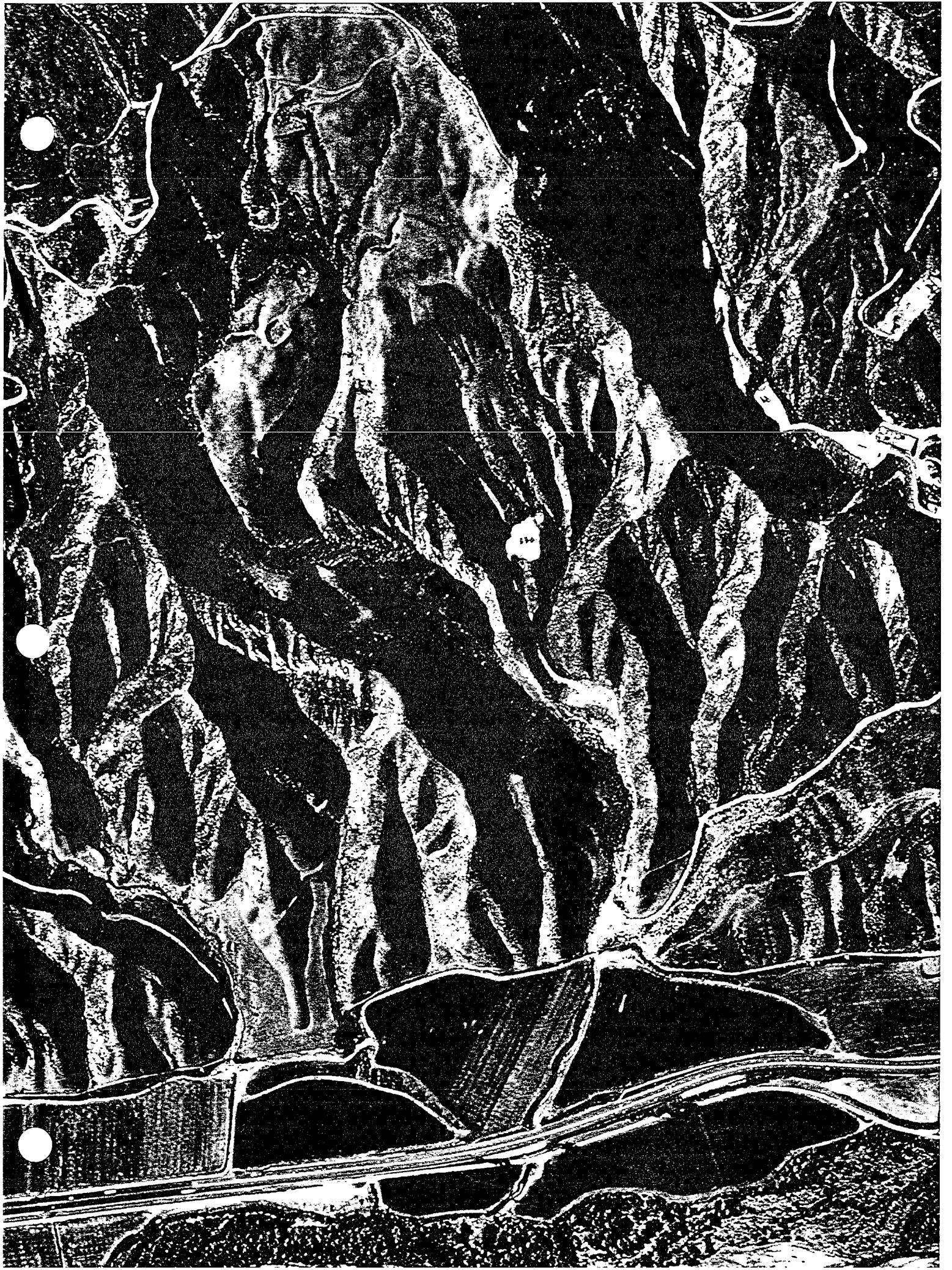
Inquiry# 1376454.3
Year: 1994
Flyer: USGS
Scale: 1"=666'





Inquiry# 1376494.3
Year: 1994
Flyer: USGS
Scale: 1"=666'



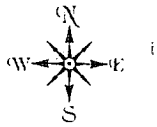


Inquiry# 13764543

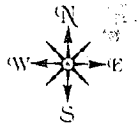
Year: 2002

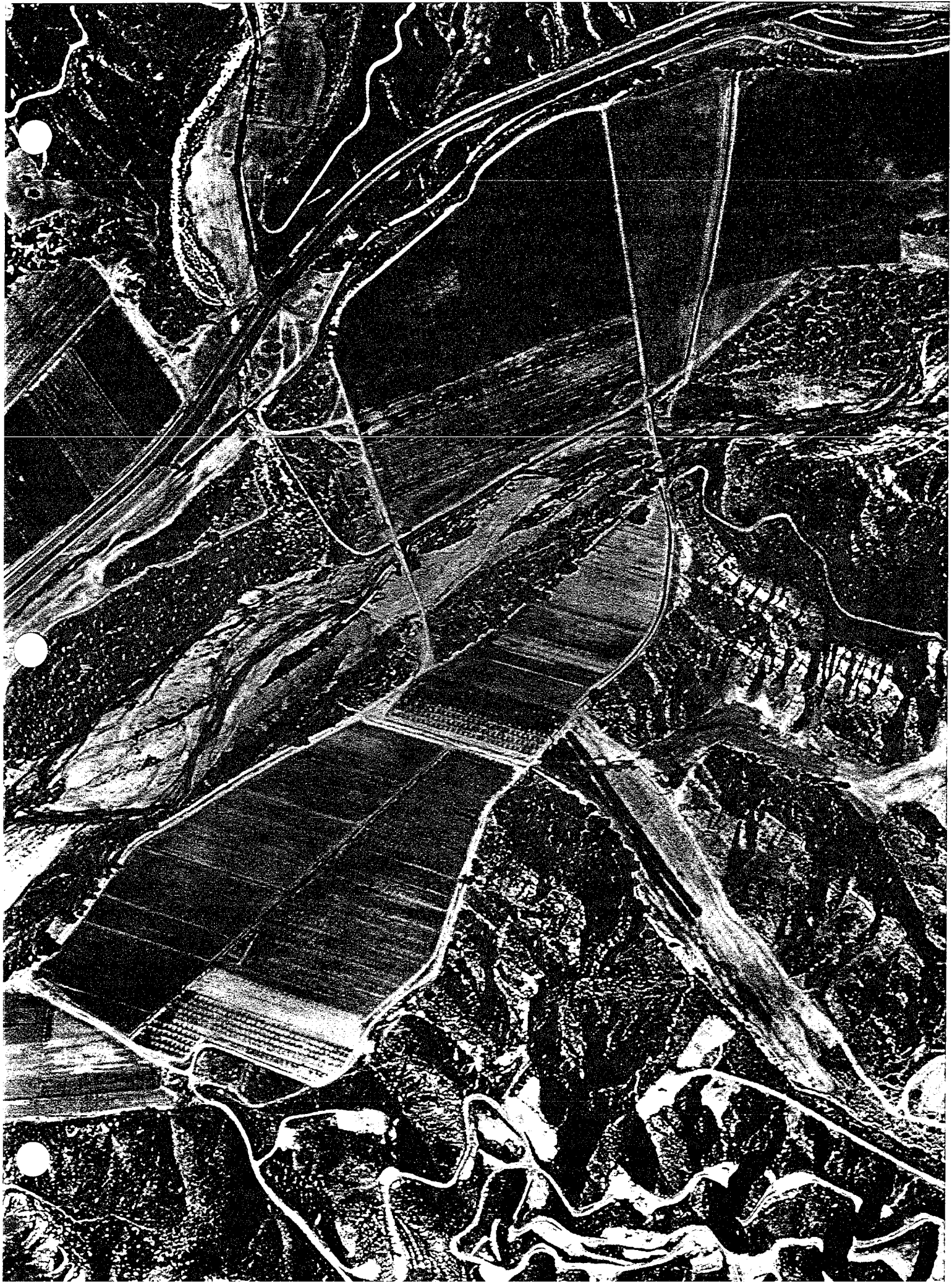
Flyer: USGS

Scale: 1"=666'

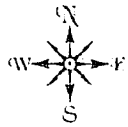


Inquiry# 1376454.3
Year: 2002
Flyer: USGS
Scale: 1"=666'





Inquiry# 13764543
Year: 2002
Flyer: USGS
Scale: 1"=666'



Inquiry# 1376454.3
Year: 2002
Flyer: USGS
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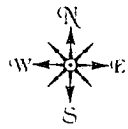

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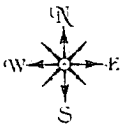

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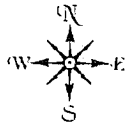

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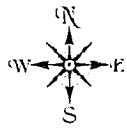

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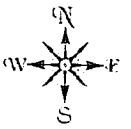

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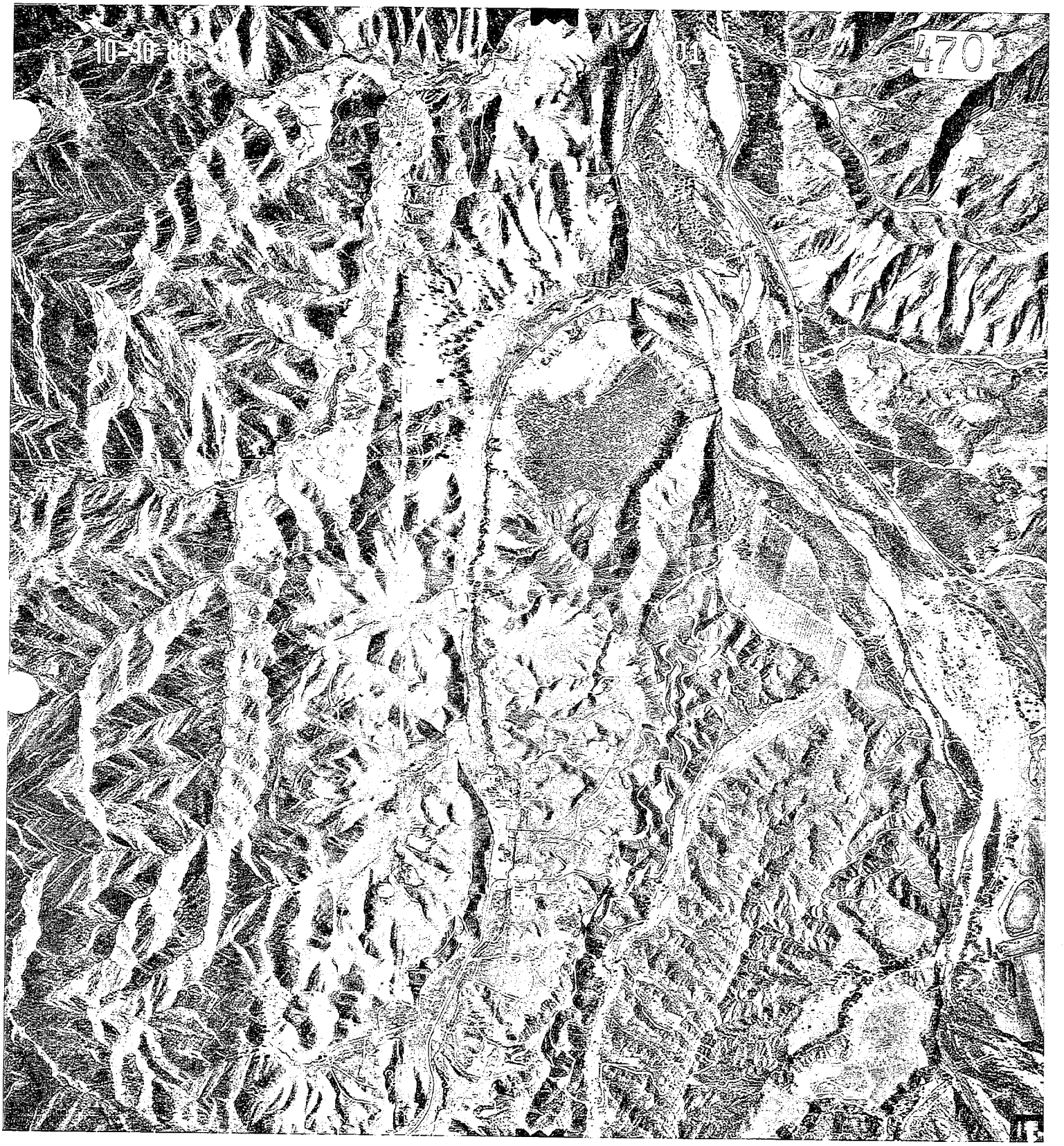
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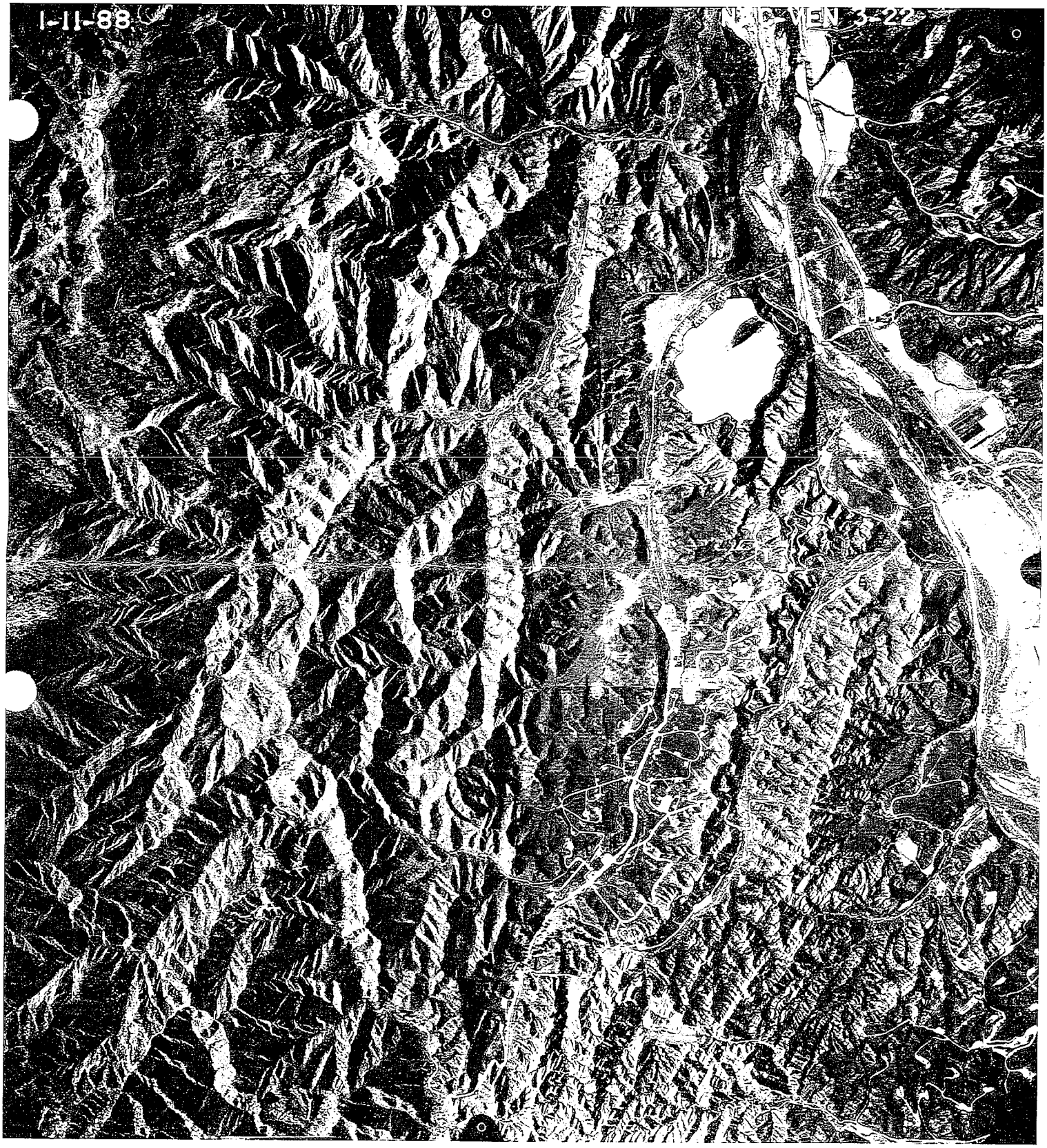
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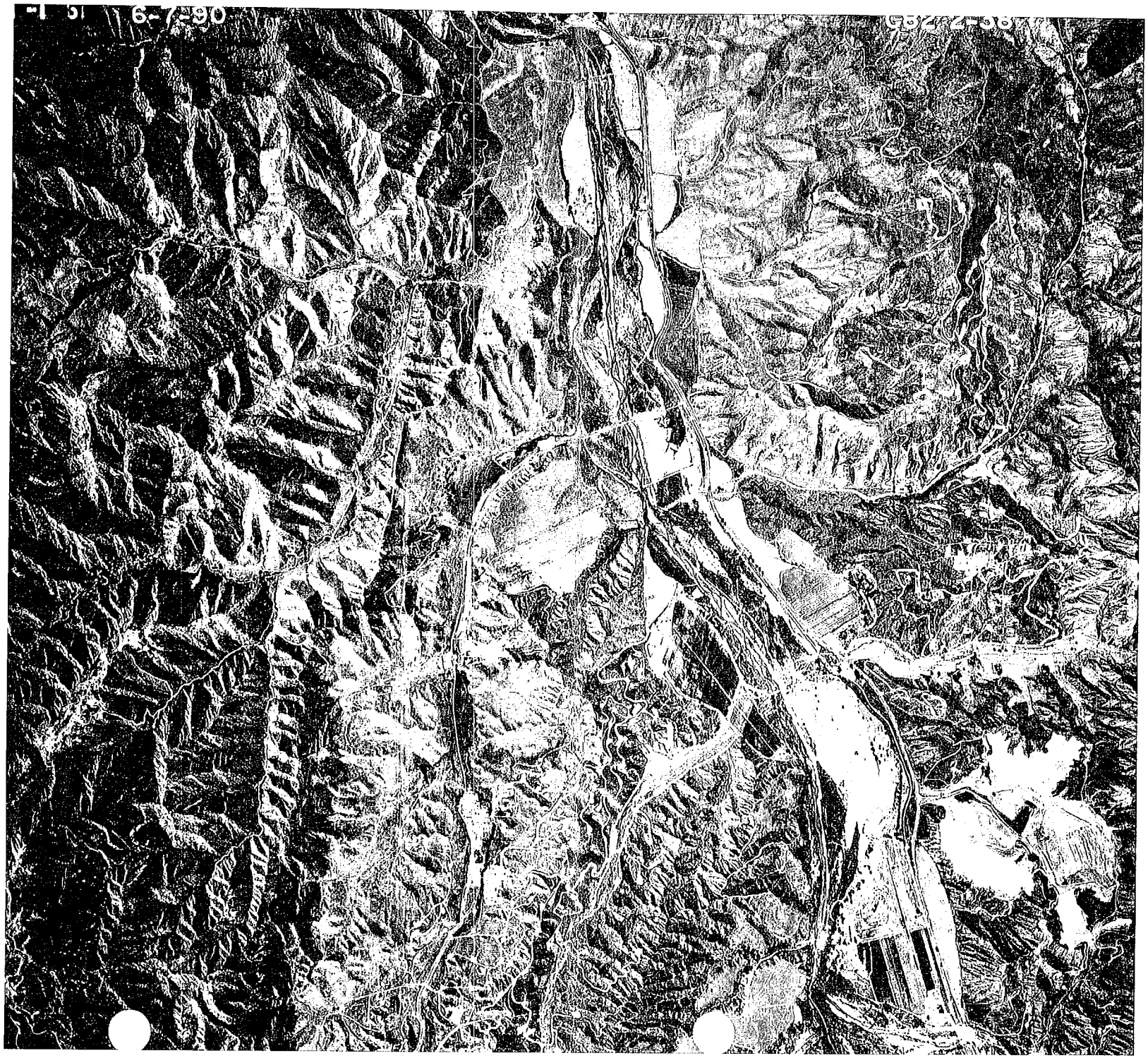
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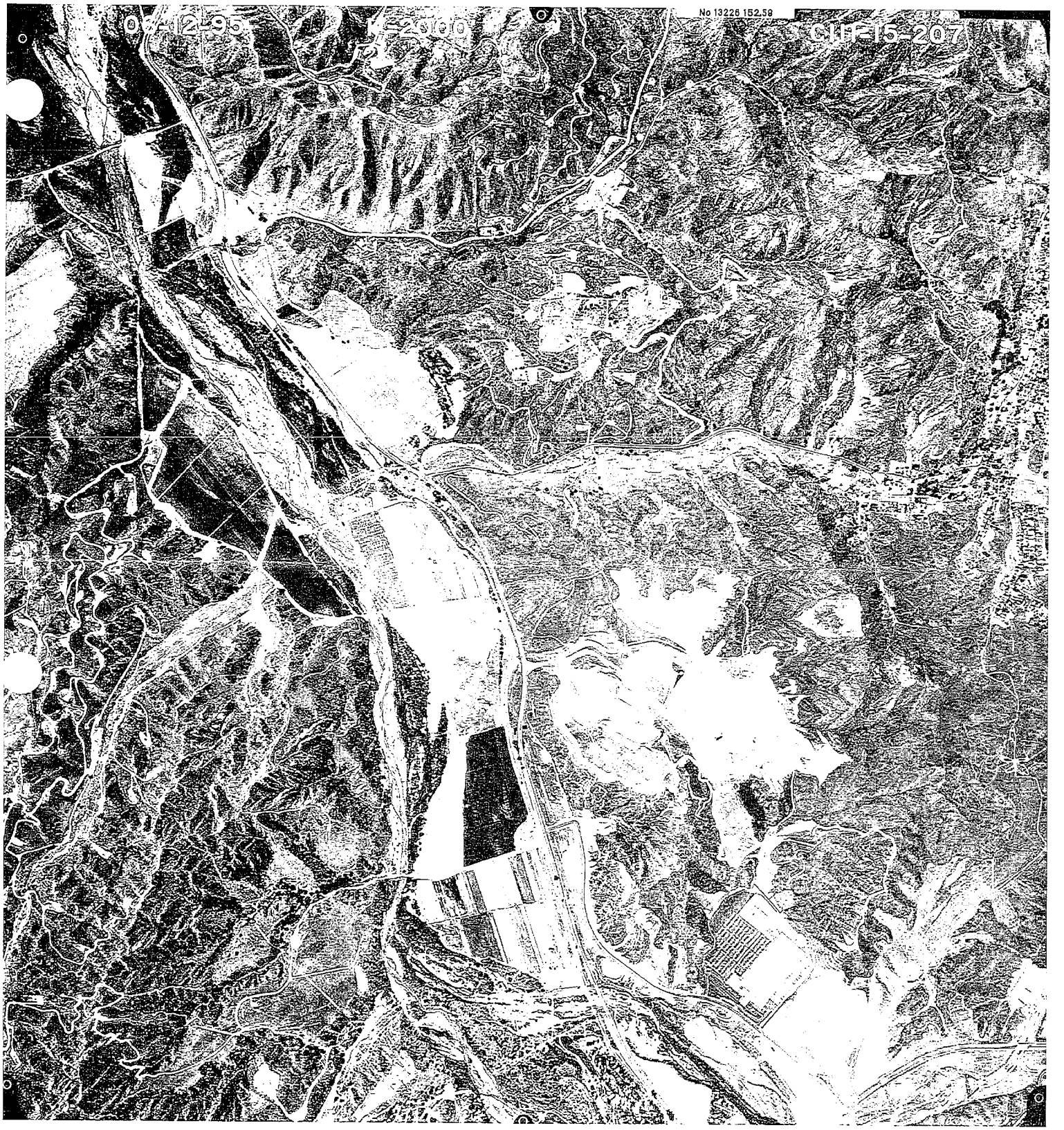
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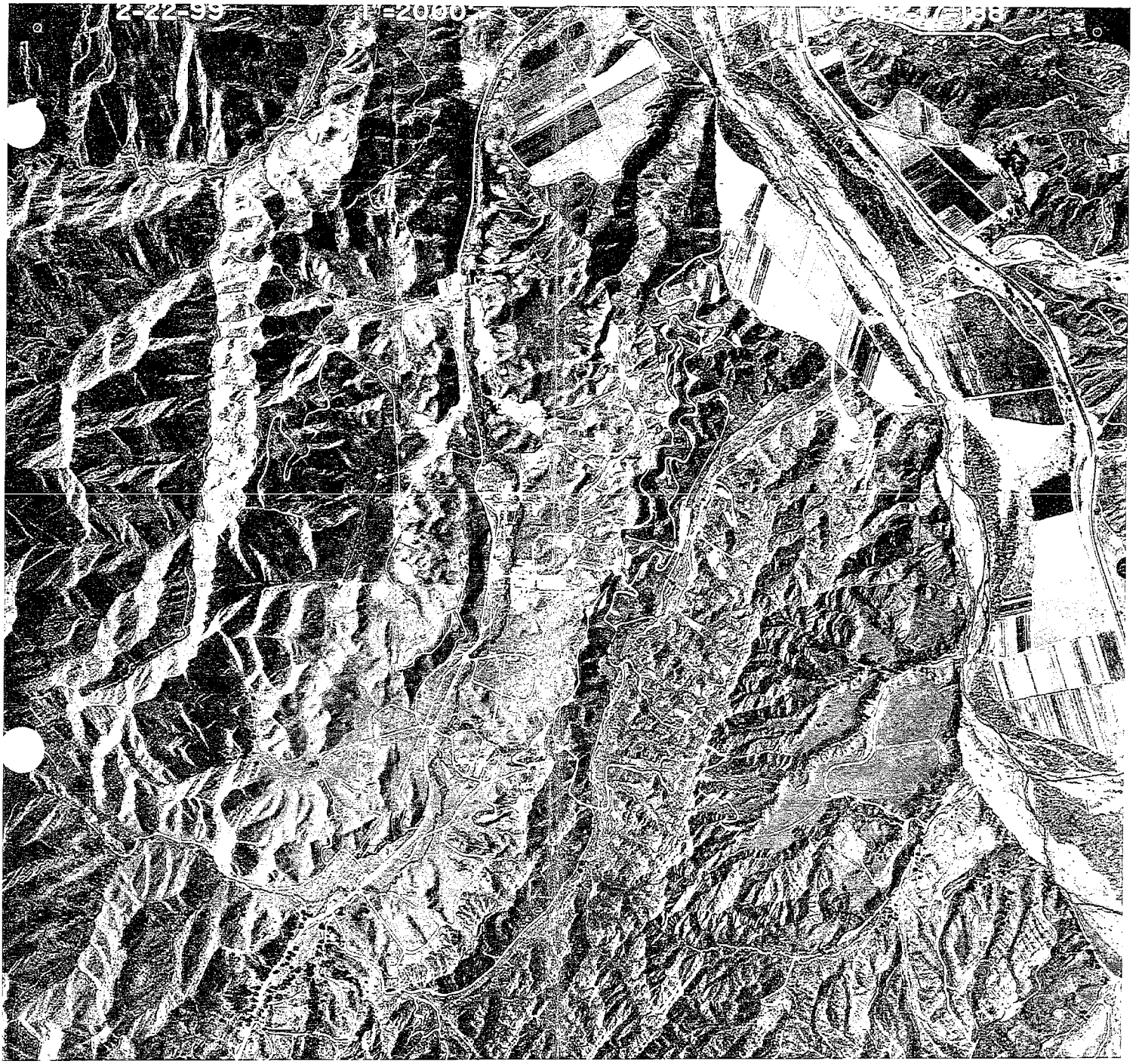
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# APPENDIX B:

# Historical Topographic Maps

# EDR Historical Topographic Map Report

**Parcel Map No. 060678**
**Valencia**
**Valencia, CA 91355**

**Inquiry Number: 1376454.5**

**March 14, 2005**

EDR™ Environmental Data Resources Inc

## The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

**Nationwide Customer Service**

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Form-MOR

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.* To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/and use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2 page 12.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

**Topographic Maps**

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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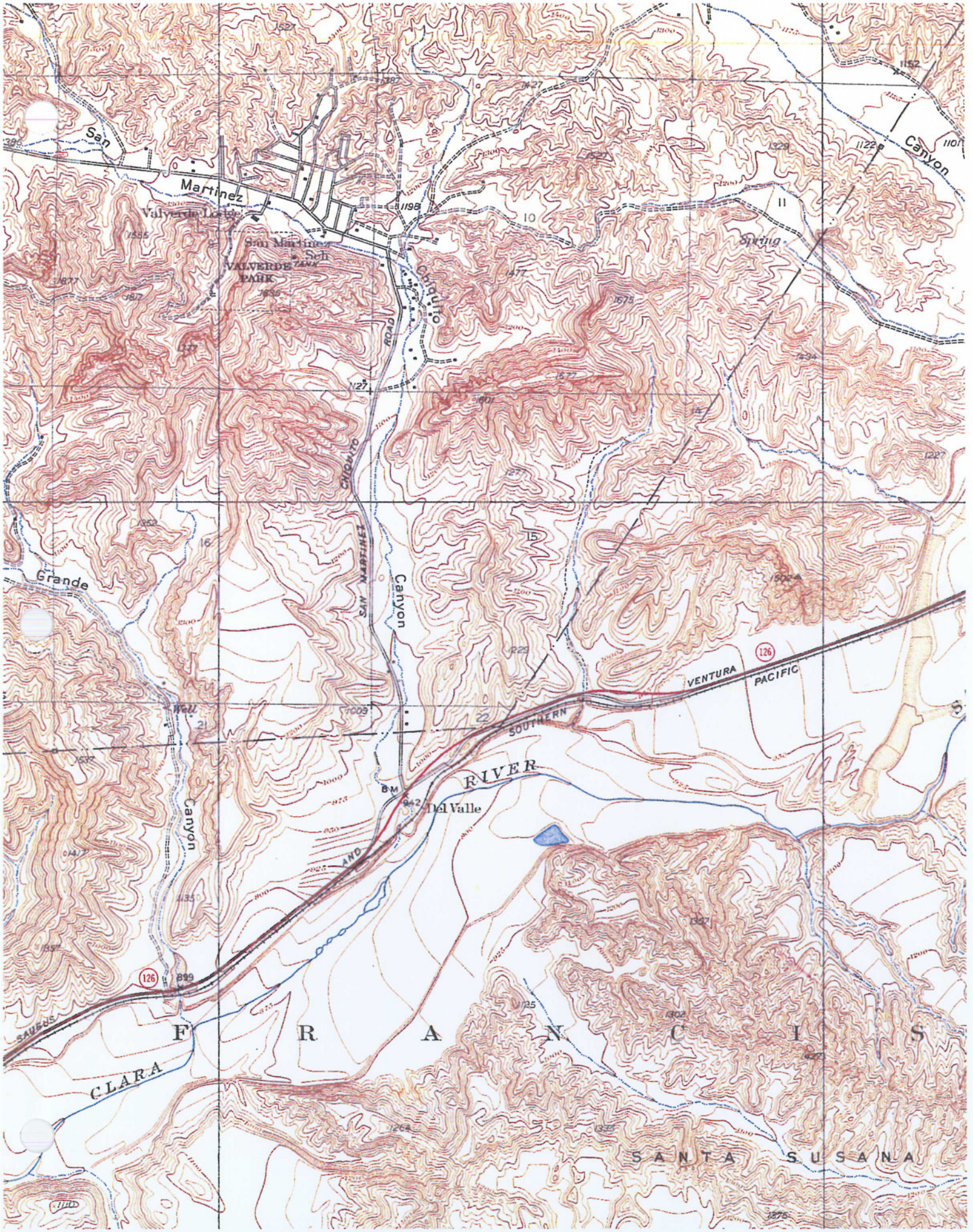


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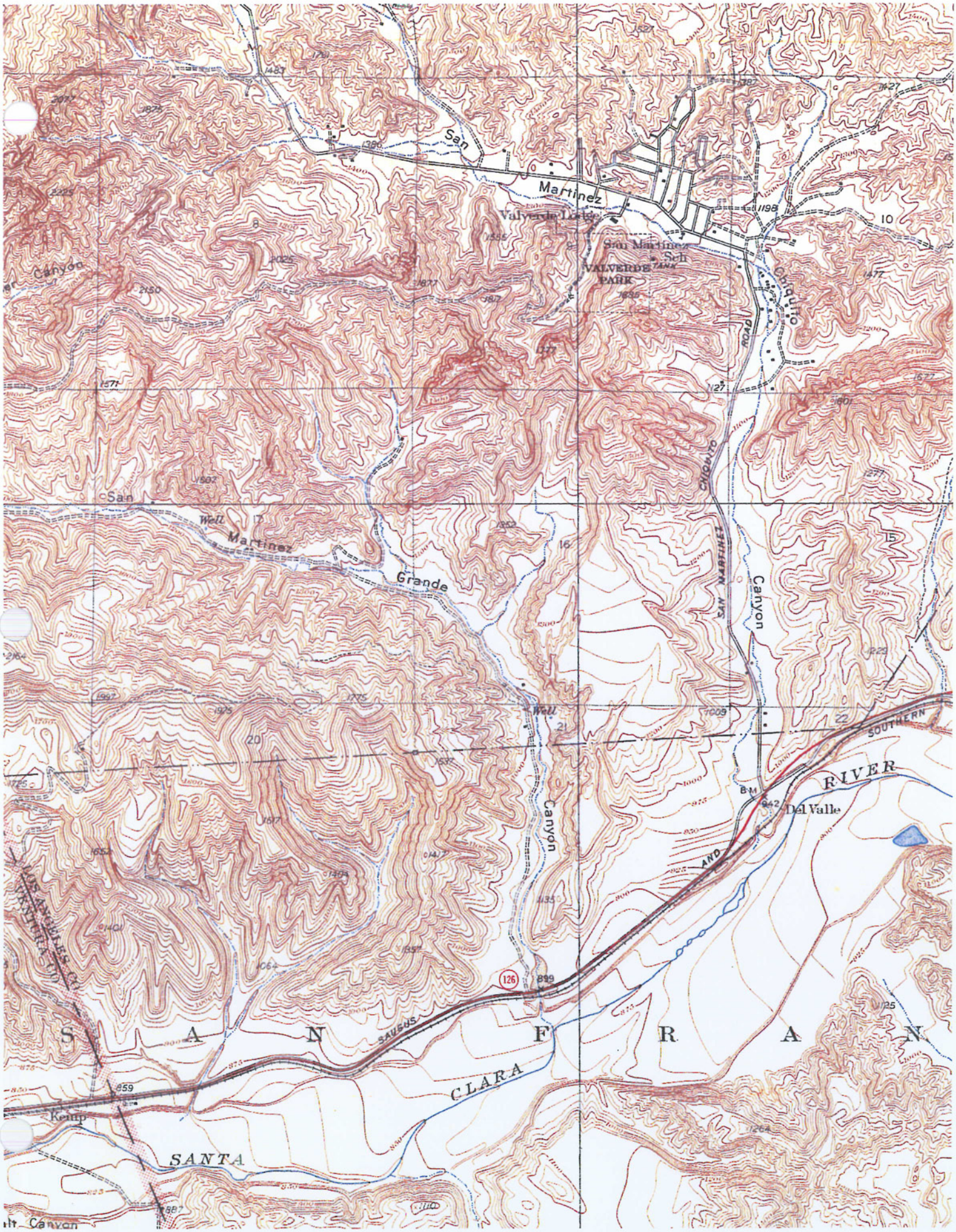


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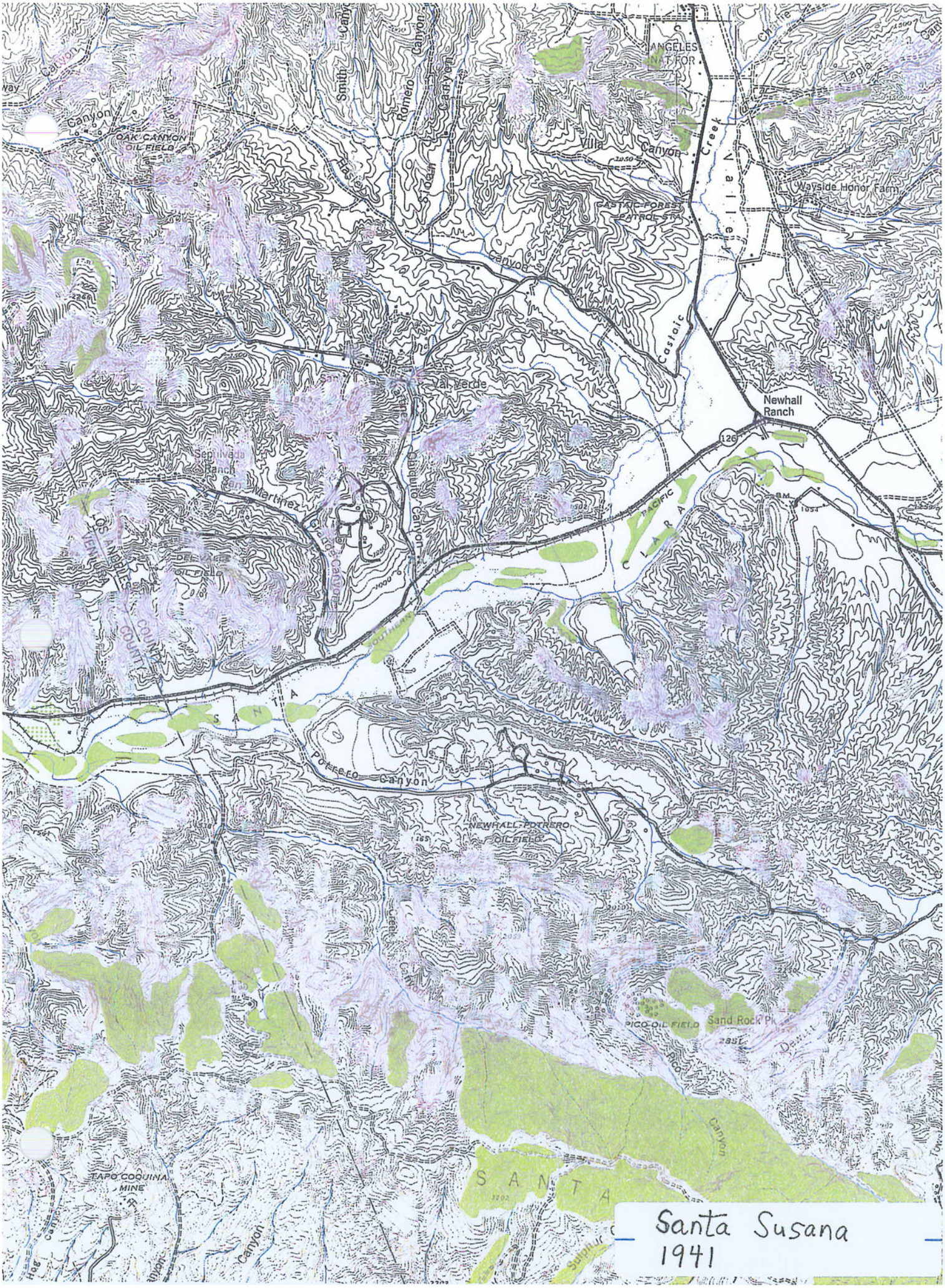


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1941

Santa Susana
1943

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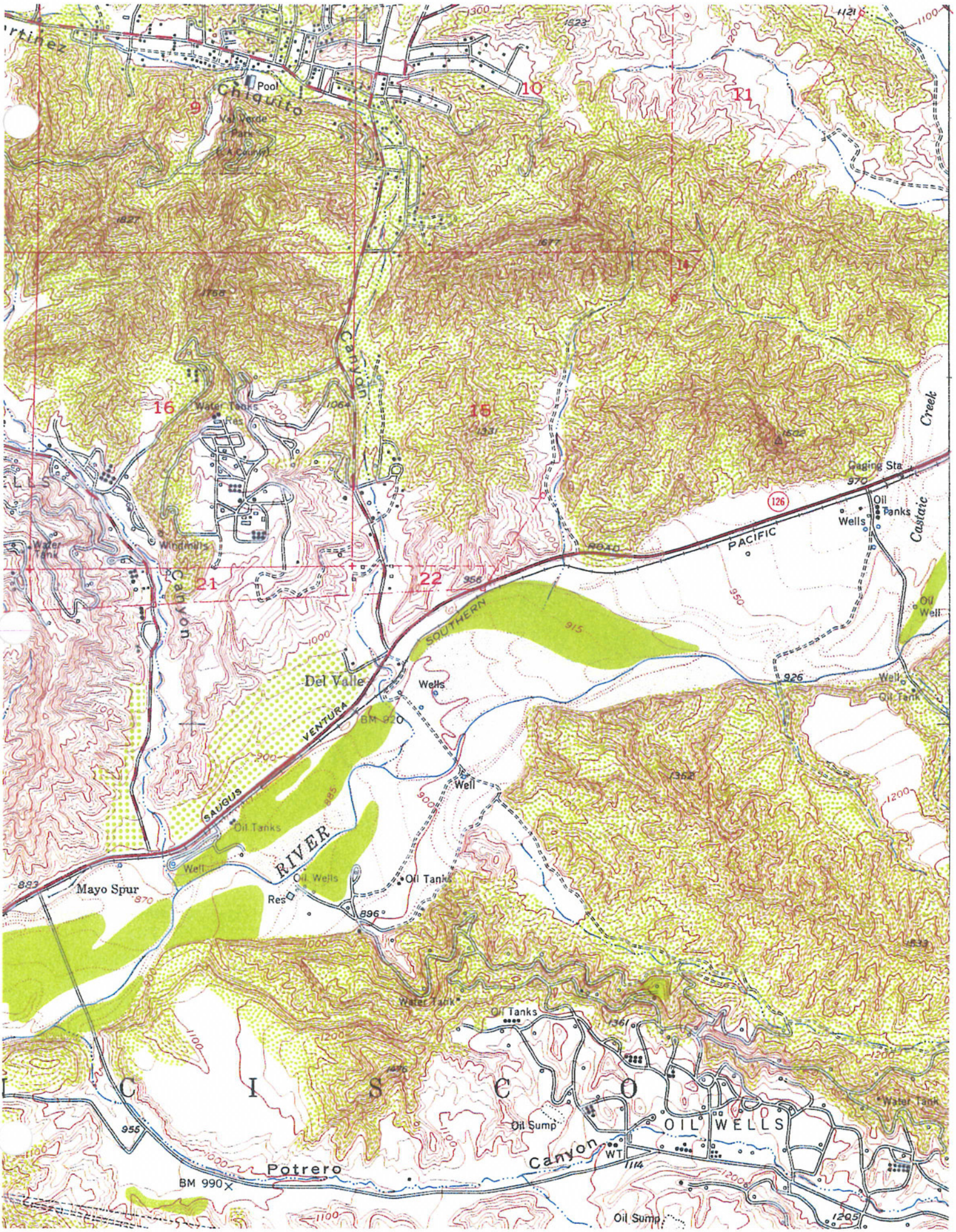


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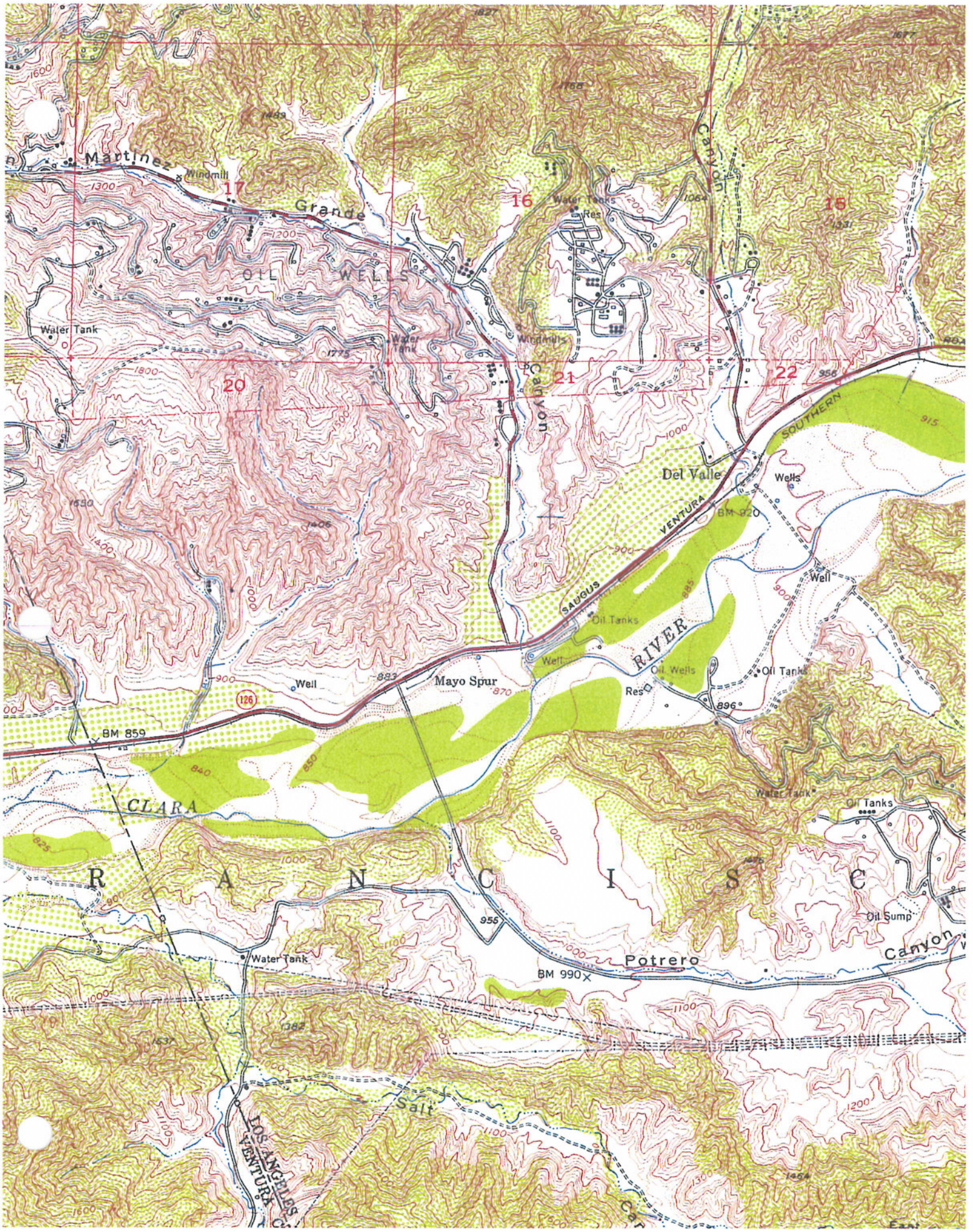


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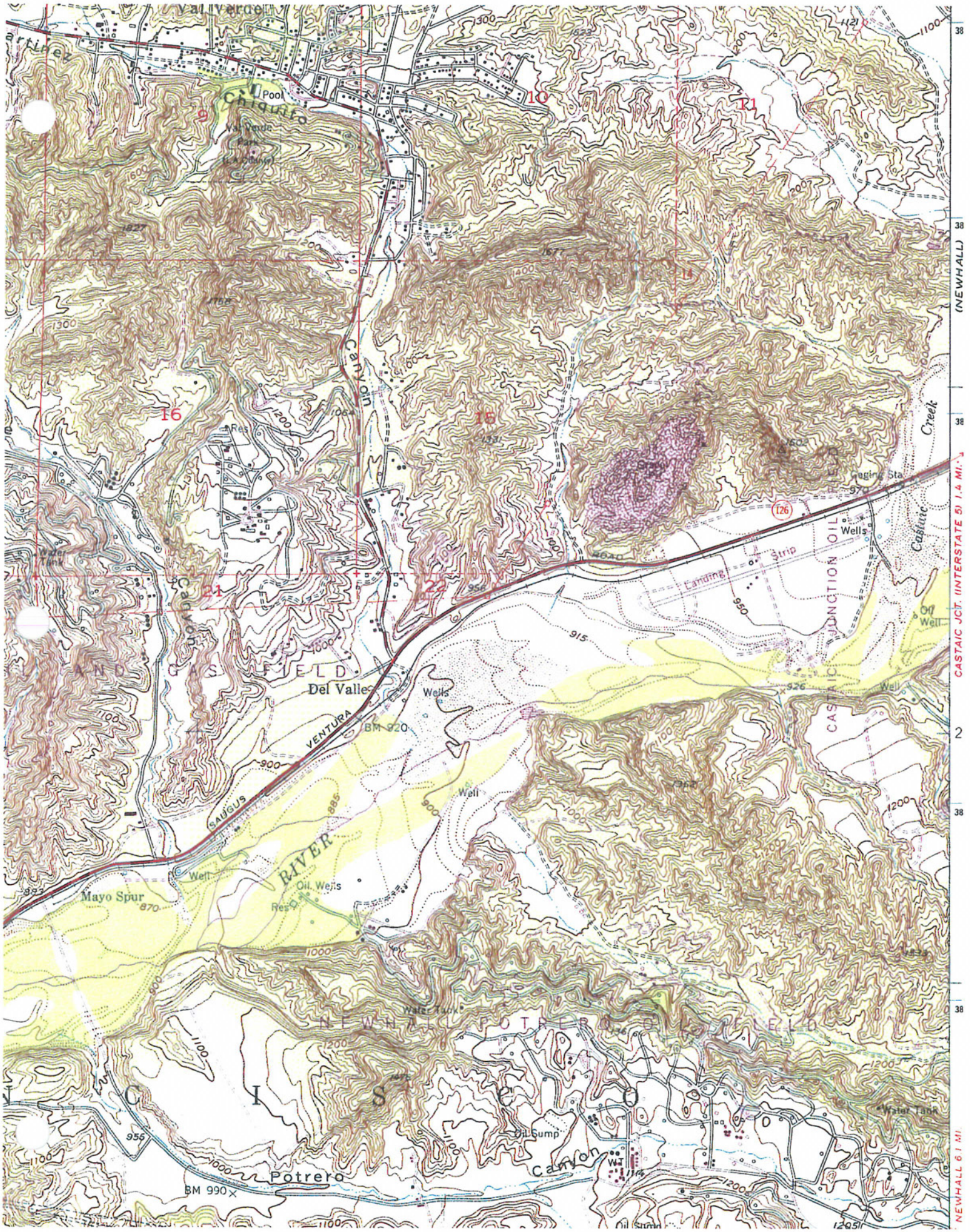


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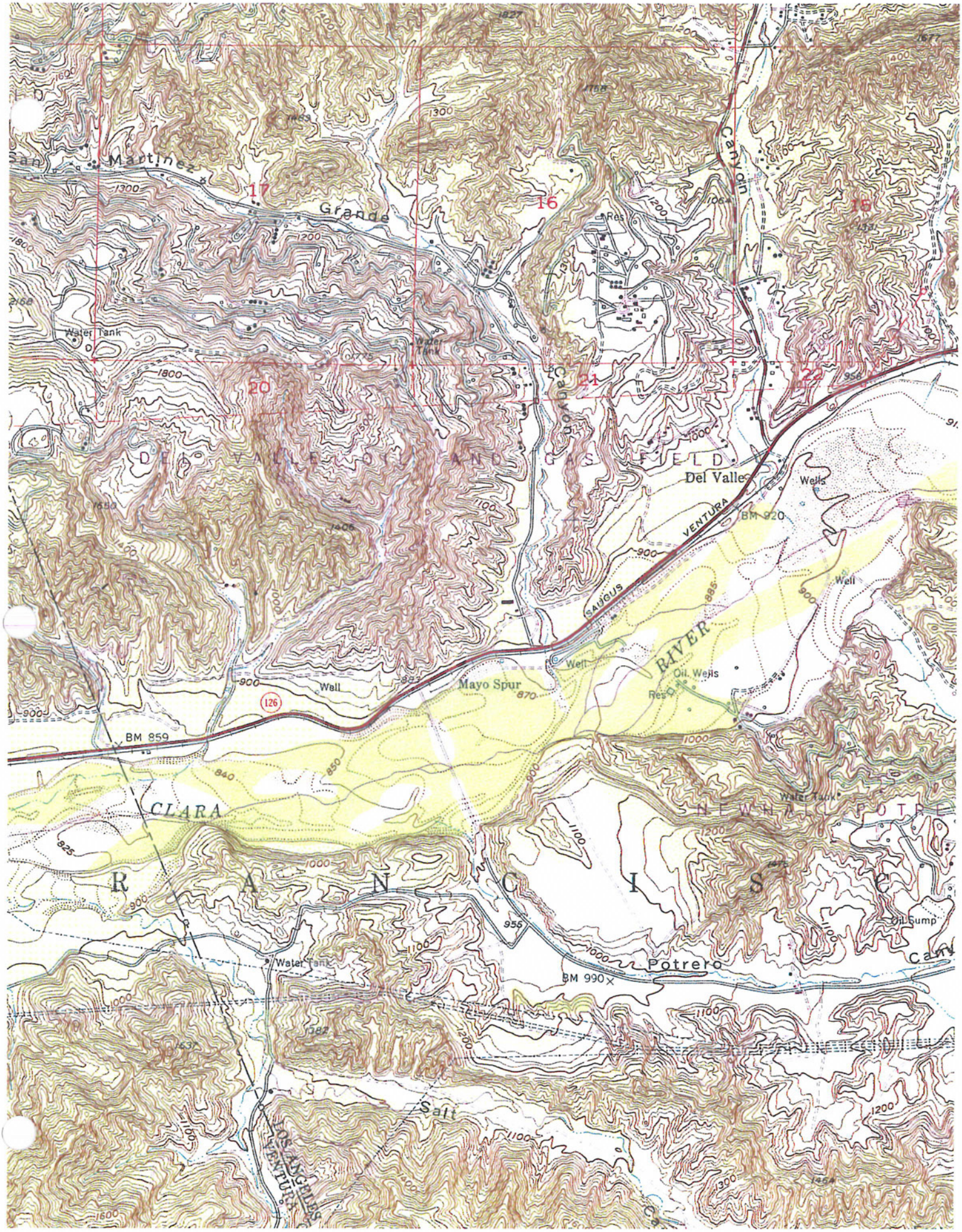


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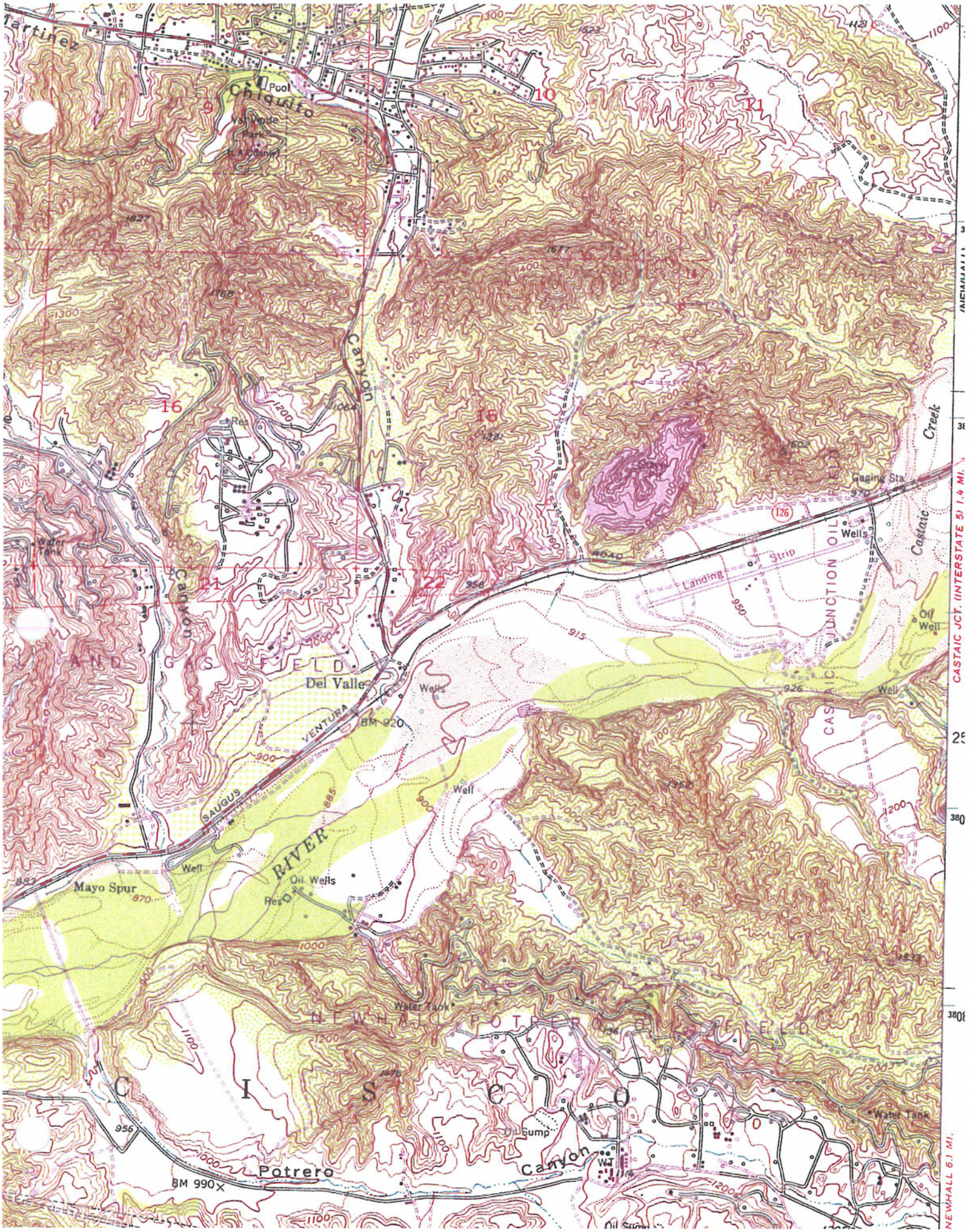


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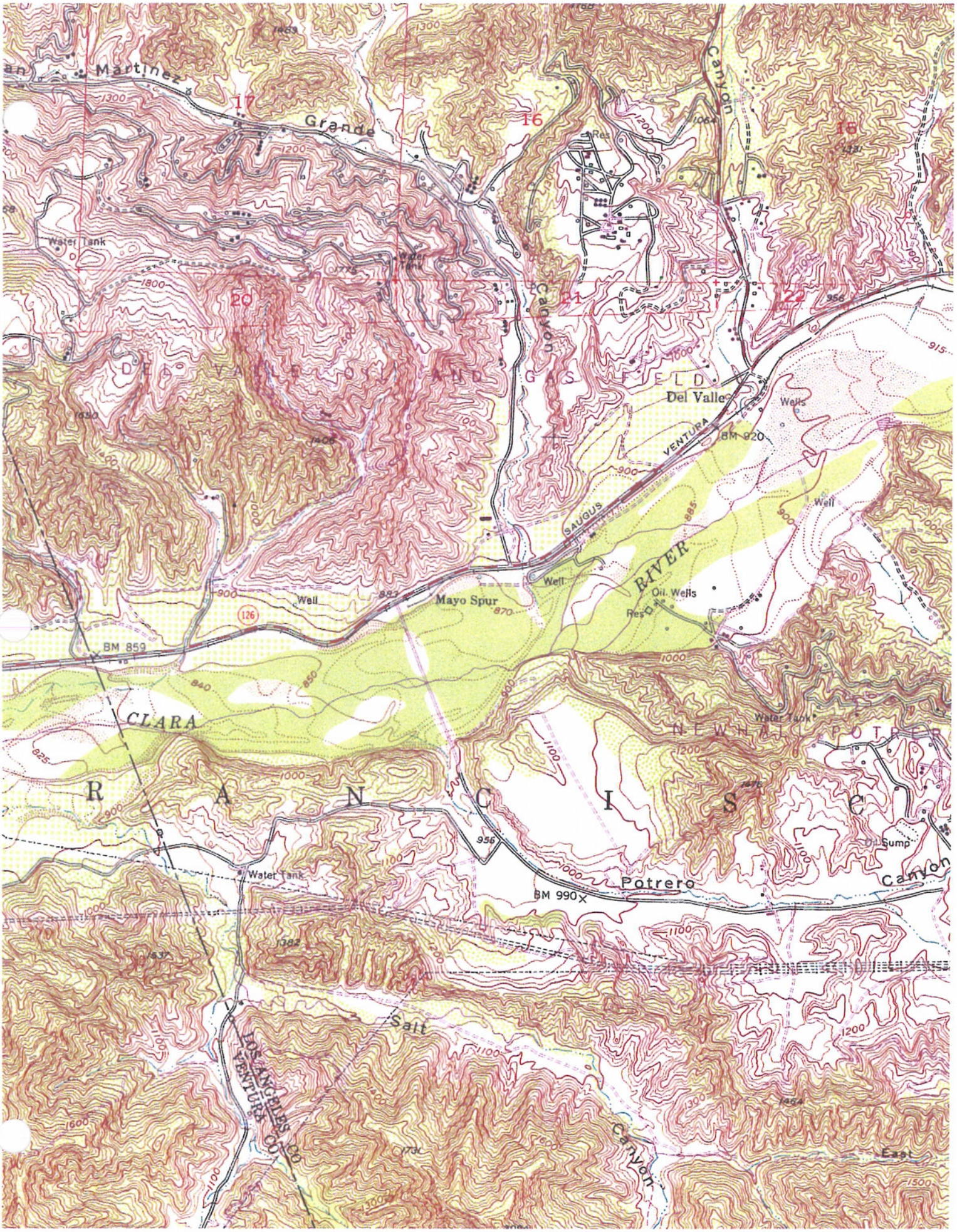


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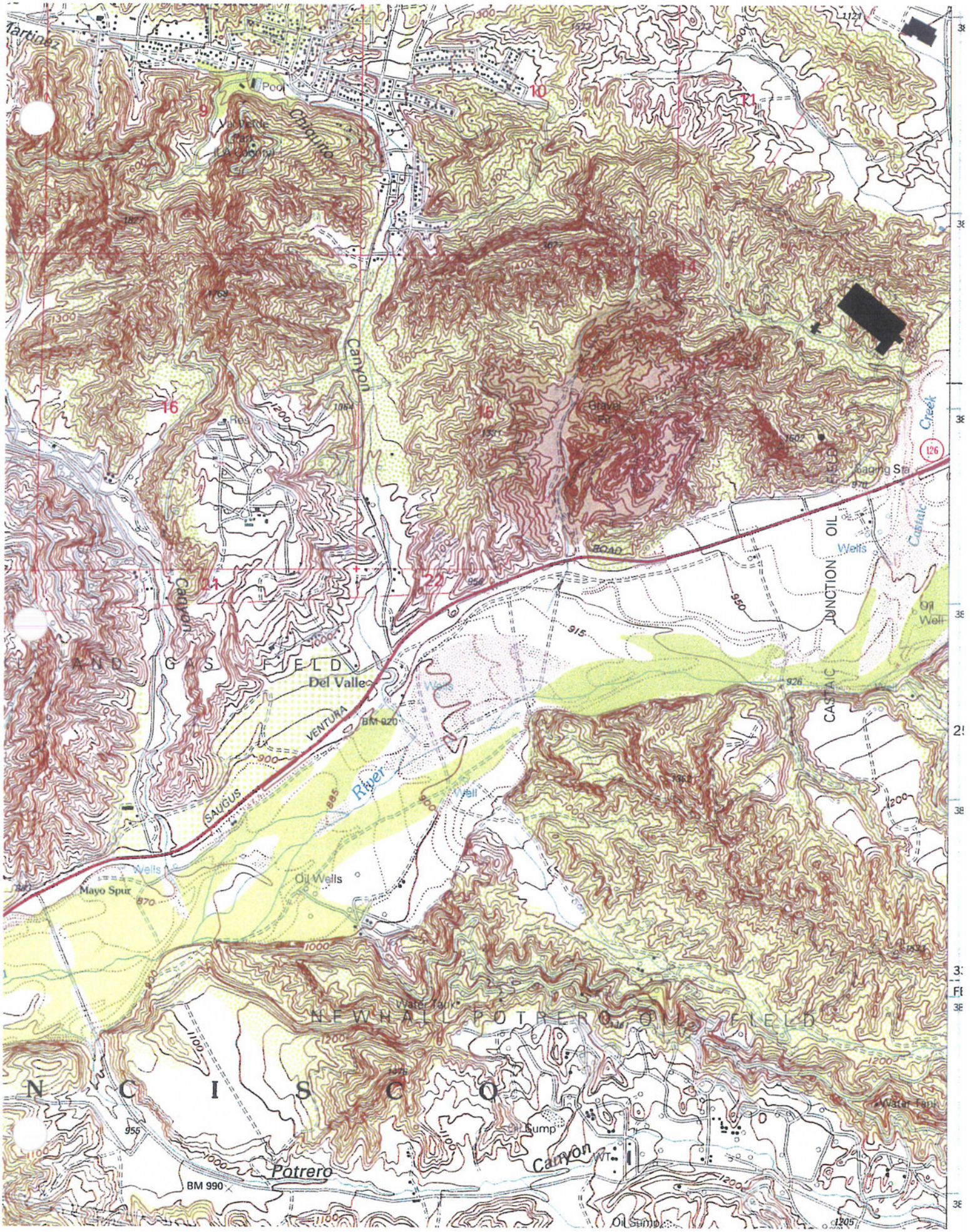


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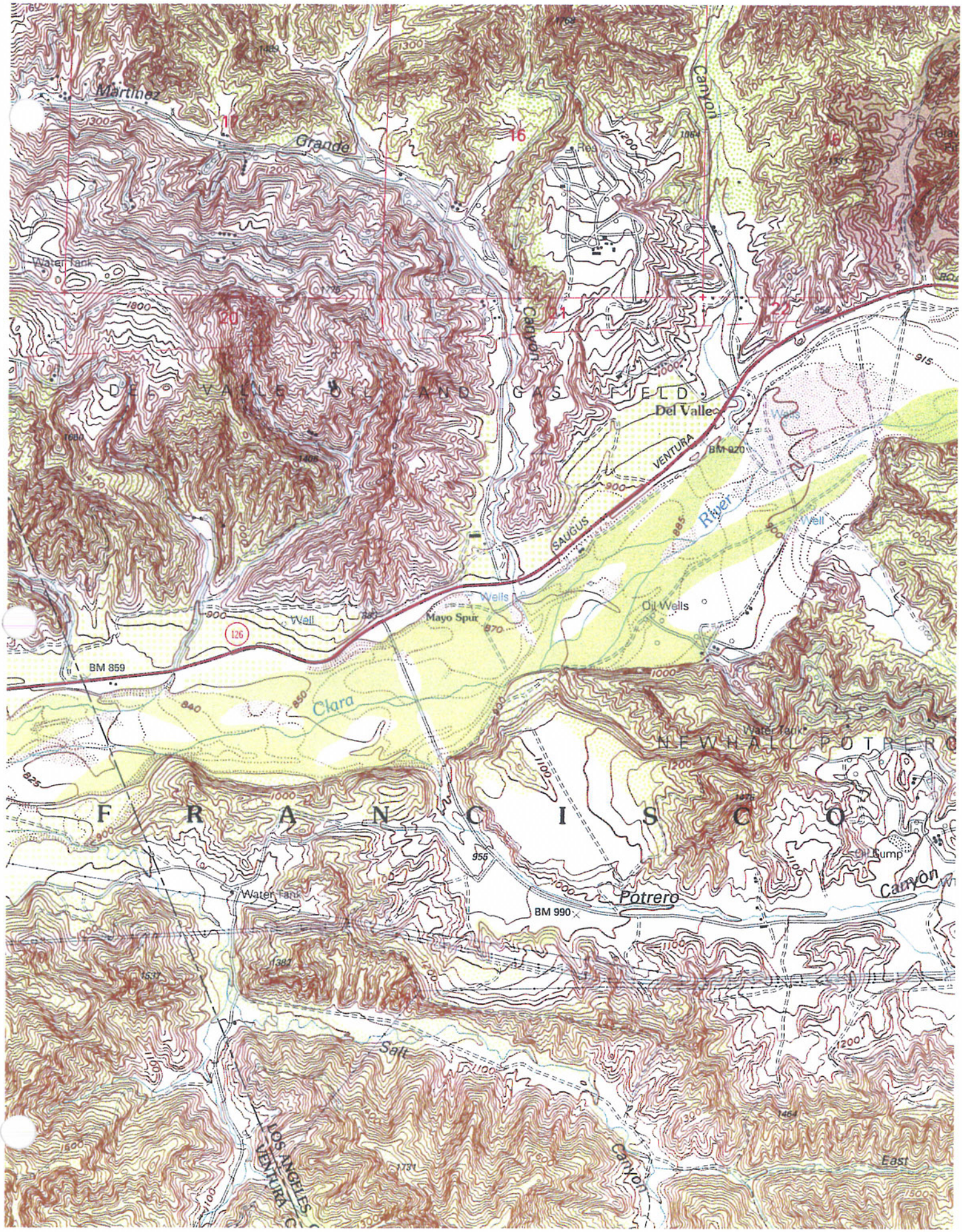


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# TAB 3

# APPENDIX C:

# Previous Environmental Reports

LEVINE·FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

July 8, 1988
L·F 1917

Mr. Roger Jones
Newhall Land and Farming Company
23823 Valencia Boulevard
Valencia, California 91355

Subject: Results of the Preliminary Subsurface Investigation of the Diesel Storage Tank Excavation at Newhall Land and Farming Company's Walnut Orchard Site in Newhall, California

Dear Roger:

The enclosed report presents the results of the preliminary soil investigation conducted by Levine·Fricke at Newhall Land and Farming Company's (NLFC) property in Newhall, California. NLFC originally retained the services of Levine·Fricke to document compliance with regulatory agency requirements for the closure by removal of four underground storage tanks at their Newhall facility. This work was performed under Phase I of our Work Order No. 1 issued on April 22, 1988.

A 6,000 gallon underground diesel storage tank was removed from the Walnut Orchard area of the property. Petroleum-affected soils were encountered in the floor of the tank excavation at the time of the tank removal. Results of chemical analysis indicated that the soil sample obtained from the north end of the excavation (opposite the tank fill) at approximately 12 feet below grade contained total petroleum hydrocarbons (TPH) at 8,800 parts per million (ppm), suggesting that an accidental release had occurred. Since the soil contained TPH concentrations in excess of the permissible levels (typically less than 100 ppm) established by the Los Angeles County Department of Public Works, further investigation was required before tank closure approval could be obtained from that agency.

A backhoe was used in an initial attempt to define the vertical extent of petroleum contamination and to excavate affected soils. This work was conducted under Phase II of our Work Order No. 1.

4019 WESTERLY PLACE, SUITE 103
NEWPORT BEACH, CA 92660
(714) 955-1390

Other offices in OAKLAND

However, the equipment used for the investigation could not reach the lower vertical extent of the diesel-affected soils. Since the vertical extent of petroleum-affected soils was not defined by excavation methods, drilling of soil borings was recommended to provide better definition of the lateral and vertical extent of petroleum hydrocarbon migration.

Levine·Fricke drilled three soil borings at the site and obtained soil samples to define the vertical and lateral extent of diesel-affected soils. This field investigation was conducted under our Work Order No. 2 dated May 31, 1988.

In addition to presenting the results of the field investigation, this report contains recommendations for remediation of the site, which will be necessary to satisfy the underground tank closure requirements of the Los Angeles County Department of Public Works.

If you have any questions or comments concerning this report, please call either myself or Bret Braden at 714/955-1390.

Sincerely,

Bradley D. Cross, R.G.
Project Geologist
California Registered Geologist #4431

July 8, 1988
L·F 1917

# C E R T I F I C A T I O N

All hydrogeologic and geologic information, conclusions and recommendations presented in this report have been prepared or reviewed by a Levine·Fricke California Registered Geologist.

REGISTERED GEOLOGIST
BRADLEY D. CROSS
No. 4431
STATE OF CALIFORNIA

---

Bradley D. Cross, R.G.
Project Geologist
California Registered Geologist #4431

# UNDERGROUND STORAGE TANK CLOSURE REPORT
# 3003 WALNUT ORCHARD ROAD
# NEWHALL RANCH
# LOS ANGELES COUNTY, CALIFORNIA

DPW FILE NO. 14101

August 23, 1989
L·F 1917

LEVINE·FRICKE

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| LOCAL HYDROGEOLOGY | 2 |
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| LABORATORY ANALYSIS | 3 |
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Figure 1: Site Plan - Newhall Land and Farming, Walnut Orchard Road Site

Figure 2: Generalized Geologic Cross-Section A-A'

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Appendix A: County of Los Angeles Department of Public Works Closure Permits No. 3967B and No. 4207B

County of Los Angeles Fire Department Tank Removal Permit

County of Los Angeles Fire Department Tank Removal Verification Letter

Uniform Hazardous Waste Manifest No. 87435788

American Metal Recycling, Inc. Tank Disposal Forms No. 02124 and No. 02170

Appendix B: Laboratory Report and Chain-of-Custody Form Edward S. Babcock & Sons, Inc.

Appendix C: Results of Preliminary Subsurface Investigation of the Diesel Storage Tank Excavation at Newhall Land and Farming Company's Walnut Orchard Site, Newhall, California (Levine·Fricke, July 8, 1988).

Appendix D: Laboratory Reports and Chain-of-Custody Forms West Coast Analytical Service, Inc.

08/23/89
L·F 1917

**CERTIFICATION**

All hydrogeologic and geologic conclusions and recommendations presented in this report have been prepared or reviewed by a Levine·Fricke California Registered Geologist.

REGISTERED GEOLOGIST
BRADLEY D. CROSS
No. 4431
8/23/89
STATE OF CALIFORNIA

Bradley D. Cross, R.G.
Project Hydrogeologist
California Registered Geologist #4431

August 23, 1989
L·F 1917

# UNDERGROUND STORAGE TANK CLOSURE REPORT

## 3003 Walnut Orchard, Newhall Ranch
## Los Angeles County, California

Department of Public Works File No. 14101

## INTRODUCTION

On March 24, 1988, four underground fuel storage tanks were removed from two sites at Newhall Ranch in Los Angeles County, California (Figure 1). The subject property is owned by Newhall Land and Farming Company (NLFC). The tanks were removed under permits Nos. 3966, 3967 and 4207 from the Los Angeles County Department of Public Works (DPW). Toxguard Systems, Inc. was the original primary contractor for the tank removal, and was therefore responsible for all permitting and reporting. Since then, NLFC has retained Levine·Fricke (L·F) to complete the tank closures by documenting compliance with regulatory requirements, performing assessments and remedial actions for any unauthorized releases, as necessary, and preparing closure reports for submission to the DPW.

As Levine·Fricke was not under contract at the time the project began, it is difficult to determine that proper permitting, tank handling and sampling protocol was followed. However, we have attempted to obtain and review all documents necessary to meet closure requirements. This report is hereby submitted for approval by the DPW and is intended to supersede any previous closure reports submitted for the subject sites.

Since the two sites have been assigned separate DPW file numbers, they will be addressed individually. This document reports on tank closure activities at the 3003 Walnut Orchard Road site (Site A). The closure report for the 31820 Henry Mayo Road site (Site B) is provided in a separate document.

## SITE A FACILITY DESCRIPTION

Site A is located at 3003 Walnut Orchard Road, just north of Henry Mayo Road. Three underground storage tanks (one 6,000-gallon diesel tank and two gasoline tanks with capacities equal to or less than 1,000 gallons each) were located in the vicinity of a small shed on the site. Two separate pumps were used to dispense fuel from the three tanks. Figure 2 is a Site Plan showing the location of the tanks, the soil sampling points and nearby structures or pertinent features.

## LOCAL HYDROGEOLOGY

Site A is located in the Santa Clarita Valley on a hill overlooking the Santa Clara River flood plain. The site is underlain by alluvium consisting mainly of sand- and silt-size material, with lesser amounts of gravel or clay within individual layers.

Depth to ground water in the site vicinity is relatively shallow. Maps provided by the Los Angeles County Department of Public Works, Ground-Water Hydrology Division (Fall 1987) estimate the depth to ground water in the valley to be approximately 25 feet below grade. The nearest well to the site is located approximately 1/2-mile away in the Indian Dunes Park area. This well is located along the banks of the Santa Clara River and the depth to ground water is reportedly less than 3 feet below grade. Since Site A is located on a hill, the depth to ground water was greater than 50 feet below grade at the time of drilling.

## TANK REMOVAL

On February 25, 1988, Toxguard applied for permanent closure of the gasoline tanks on behalf of NLFC. The County of Los Angeles Department of Public Works, Waste Management Division issued Permit No. 3967B for removal of the two gasoline tanks on February 25, 1988. On March 23, 1988, Toxguard applied for and received a second permit (No. 4207B) to remove the 6,000-gallon diesel tank as well. A Tank Removal Permit was also issued by the City of Los Angeles Fire Department, Fire Prevention Bureau, on March 24, 1988. All three tanks were removed from the site on March 24, 1988.

Prior to their removal, the tanks were purged of all flammable liquids/materials and vapors. Approximately 870 gallons of fuel waste and water were removed from the tanks by Interstate Pumping

Company. The wastes were shipped to P.R.I. in Signal Hill, California for recycling under Uniform Hazardous Waste Manifest No. 87435798.

The tanks were then purged of vapors using dry ice until an L.E.L. device was able to demonstrate that the vapor concentration inside each tank was less than 10% of the lower explosive limit of the product previously held in the tank. The tanks were then excavated and hauled from the site by American Metal Recycling, Inc. of Ontario, California (Tank Disposal Forms No. 02124 and No. 02170).

Copies of the permits, tank removal verification letter, Uniform Hazardous Waste Manifest and tank disposal forms are included in Appendix A.

**SOIL SAMPLING**

At the request of Toxguard, a Levine·Fricke staff geologist was present during the tank removals to collect soil samples according to the closure requirements. Two soil samples were obtained from 2 feet below the base of each tank excavation. The samples were taken below the ends of the tanks, as shown in Figure 2. Representative soil samples were obtained using a backhoe. The soil samples were collected in 1-inch diameter brass tubes, covered with aluminum foil, sealed with plastic end caps and tape, labeled, and placed in a chilled ice chest pending delivery to the analytical laboratory.

All sampling equipment was washed in a trisodium phosphate detergent and double rinsed in deionized water prior to use at each sampling location.

The soil samples were transported to Levine·Fricke's offices in Newport Beach, California and stored overnight in a refrigerator. On the following day the samples were transported in a chilled ice chest to Edward S. Babcock & Sons, Inc. Laboratories in Riverside, California for chemical analysis. A copy of the Chain-of-Custody form is included in Appendix B. This form shows the dates and times that the samples were collected and delivered to the laboratory.

**LABORATORY ANALYSIS**

Soil samples collected from below the gasoline storage tanks were analyzed for total petroleum hydrocarbons (TPH) by Modified EPA

Method 8015 and for total lead by EPA Method 3050. The samples obtained from below the diesel tank were analyzed for TPH according to EPA Method 418.1. Copies of the laboratory certificates are included in Appendix B.

Analyses results indicated that significant hydrocarbon concentrations (8,800 ppm TPH) were present in the sample recovered from below the fill end of the diesel tank. The remaining samples from the diesel tank excavation and the samples from the two gasoline tank excavations had no detectable levels of hydrocarbons present.

## ASSESSMENT OF AFFECTED SOIL

Immediately after the tanks were removed, an attempt was made to remove all of the affected soil below the diesel excavation. A backhoe was used to extend the excavation to approximately 17 feet below grade. Soil sample SS-4 (17 feet) was subsequently collected and analyzed for TPH concentrations according to EPA Method 8015. Laboratory results indicated that SS-4 contained 2,500 ppm TPH and confirmed that the constituent present was diesel. The excavation was extended to a depth of 23 feet and a strong odor and soil discoloration were still evident. At that point the excavation was terminated and a site investigation was initiated. All affected soil removed from the excavation was spread out on heavy gage plastic and allowed to aerate on-site.

The site investigation was conducted by Levine·Fricke in June 1988. Three borings were drilled to evaluate the vertical and lateral extent of diesel-affected soil below the diesel tank excavation. A copy of the report submitted to NLFC summarizing the results of the site investigation is included in Appendix C.

The site investigation determined that the gravelly sands encountered in the tank excavation extend to a depth of approximately 25 feet below grade. Below the sands a less permeable layer of dense clayey sand is present. No hydrocarbons were detected in the clayey sand, suggesting that the diesel was retarded at the clayey sand/sand interface. The borings also showed that the lateral extent of affected soil was limited to a small area around the fill end of the tank. The diesel-affected soils were most likely the result of periodic tank overfilling. The total estimated extent of the diesel-affected soil remaining in the subsurface was summarized in cross section A-A′ of the site investigation report (Appendix C, Figure 2).

**SITE REMEDIATION**

In July 1988 the remaining diesel-affected soil was excavated from the subsurface under the supervision of a Levine·Fricke staff geologist. A backhoe was used to obtain three soil samples (SS-8, SS-9 and SS-10) from the resulting excavation base and sidewalls to confirm that all the affected soil had been removed. The samples were placed in 1-inch diameter brass tubes, covered with aluminum foil, sealed with plastic end caps and tape, labeled, and stored in a chilled ice chest for transport to the analytical laboratory.

The samples were analyzed for TPH concentrations by Modified EPA Method 8015. No hydrocarbons were detected in any of the samples analyzed. Copies of the Chain-of-Custody forms and certified laboratory reports are presented in Appendix D.

The excavated affected soil was spread on heavy gage plastic and allowed to aerate on-site with the previously excavated material. The soil was turned on a weekly basis over a two month period. In September 1988, soil samples CS-1 through CS-4 were collected to check the progress of the soil aeration. These samples were analyzed for TPH by EPA Method 418.1. Residual TPH concentrations in the soil samples were found to range from 38 to 350 ppm.

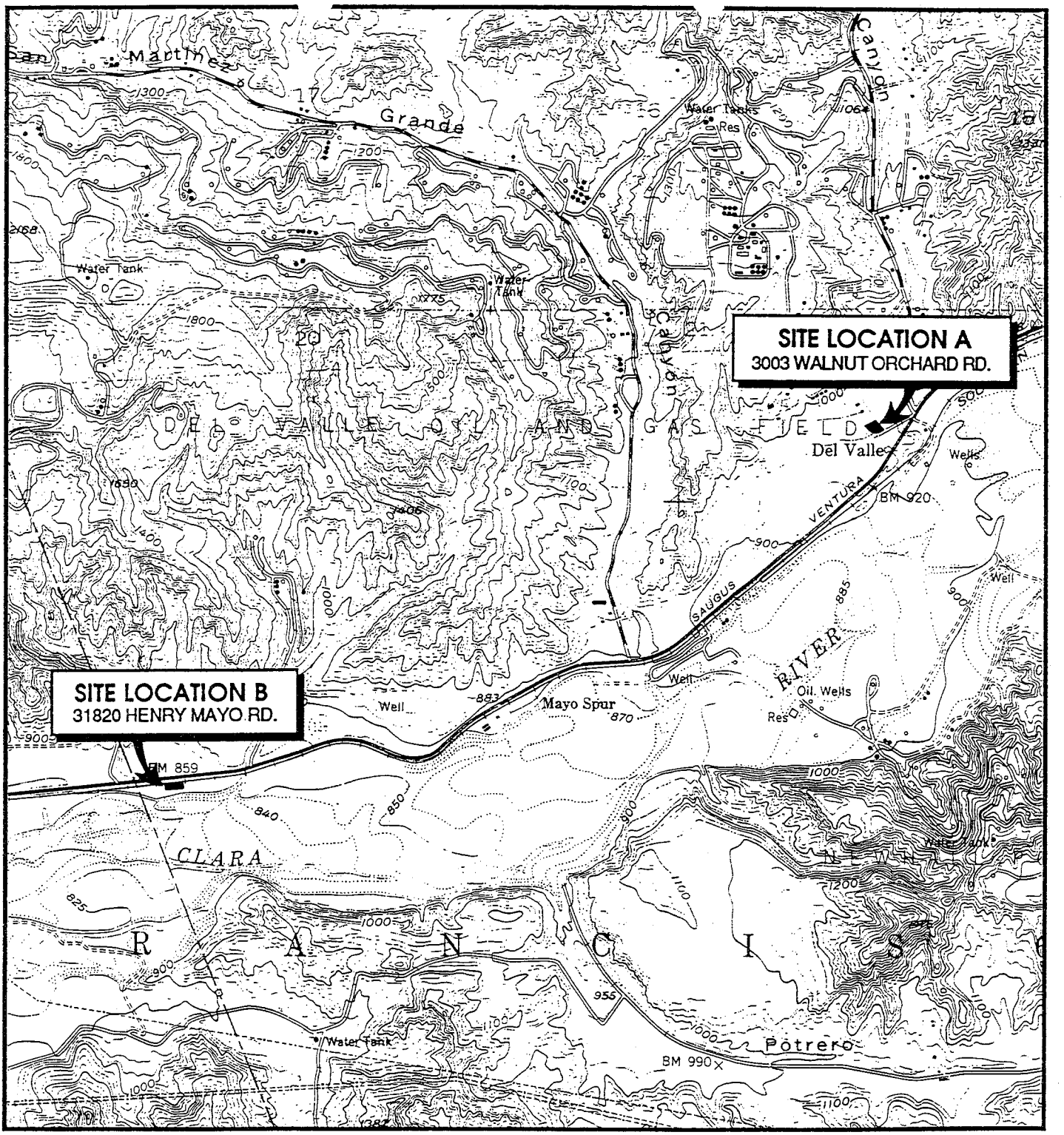
Although the concentrations had reduced significantly, the presence of residual hydrocarbons in the soil precluded its use as backfill material for the tank excavation. NLFC subsequently requested that the soil be used as road base material in conjunction with road maintenance work on their property.

John Huff at the DPW was contacted regarding the use of the soil as road base. It was Mr. Huff's opinion that his agency would not be opposed to NLFC's request as long as the Los Angeles County Department of Health Services (DOHS) was not opposed to the plan. The DOHS was contacted and they referred the request to the Alternative Technology Group of the California State Department of Health Services. Carol Nissan of that department stated that they define soil as hazardous waste if it has a TPH concentration greater than 1,000 ppm, in accordance with the State Water Resources Control Board's Leaking Underground Fuel Tank (LUFT) Field Manual guidelines. The soil at the site would therefore not be classified as a hazardous substance and could be used as NLFC proposed. However, Ms. Nissan stated that the case was not within the department's jurisdiction and that they would not officially grant permission by way of a letter or variance permit.

Based on the opinions expressed by Mr. Huff and Ms. Nissan, and since neither agency was opposed to the request to use the soil as road base, NLFC has decided to utilize the soil in this manner.

**CONCLUSIONS**

Based on the chemical analyses which indicated that no hydrocarbons were encountered in soil samples collected from below the gasoline storage tanks at the time of their removal, and since the diesel-affected soil encountered below the diesel tank has subsequently been removed, treated and disposed of, it is our opinion that no further investigation or remedial action is necessary at this time.




MAP SOURCE: U.S.G.S. 7.5' Quadrangle, Val Verde, CA, Photoinspected 1974.

N

SCALE 1:24000

0 1/2 1 Mile

CONTOUR INTERVAL 25 FEET

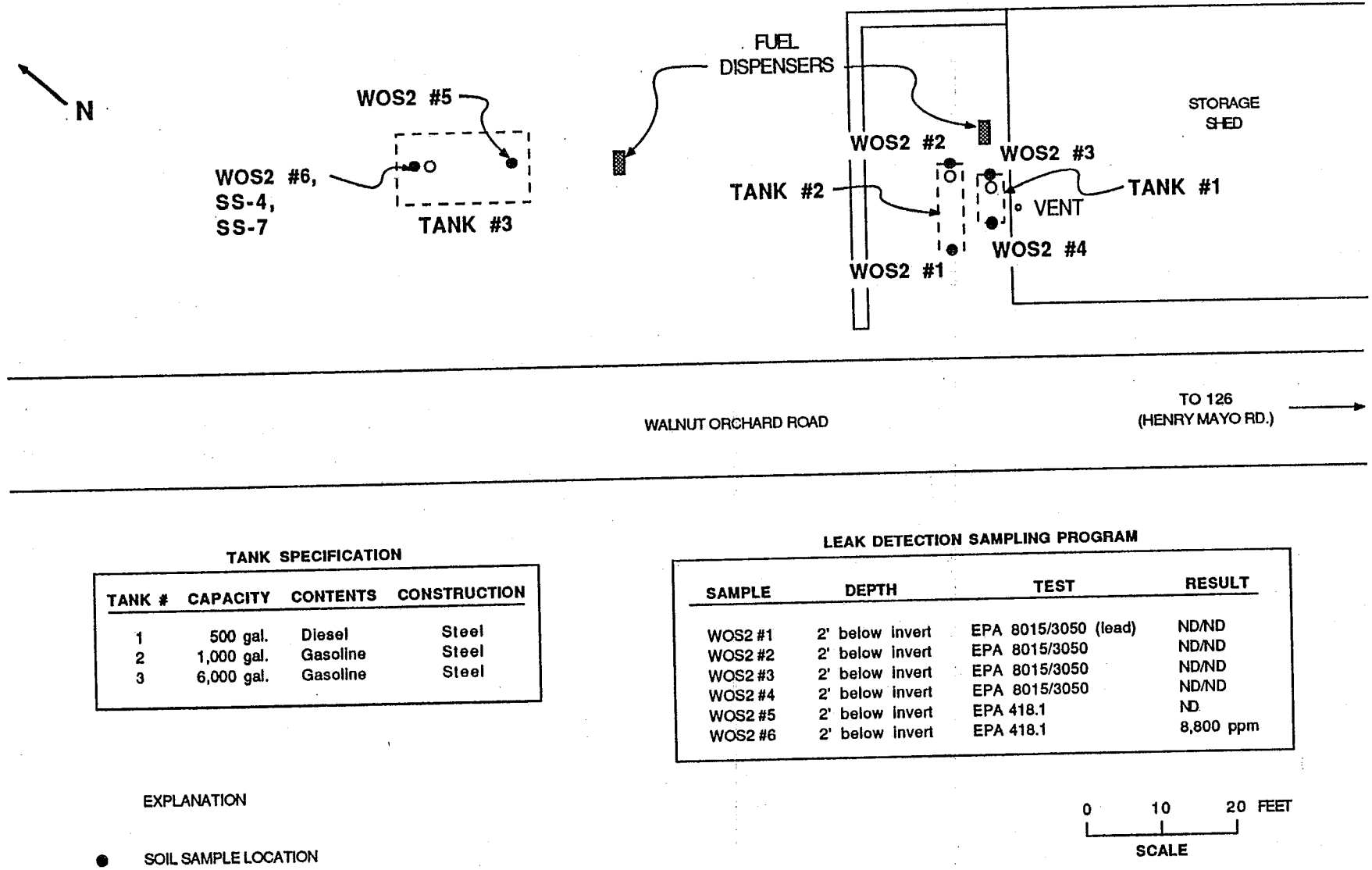
**Figure 1 : SITE VICINITY FOR NEWHALL LAND & FARMING COMPANY**

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

112388DC/ldd

1917-04




**TANK SPECIFICATION**

| TANK # | CAPACITY | CONTENTS | CONSTRUCTION |
|---|---|---|---|
| 1 | 500 gal. | Diesel | Steel |
| 2 | 1,000 gal. | Gasoline | Steel |
| 3 | 6,000 gal. | Gasoline | Steel |

**LEAK DETECTION SAMPLING PROGRAM**

| SAMPLE | DEPTH | TEST | RESULT |
|---|---|---|---|
| WOS2 #1 | 2' below invert | EPA 8015/3050 (lead) | ND/ND |
| WOS2 #2 | 2' below invert | EPA 8015/3050 | ND/ND |
| WOS2 #3 | 2' below invert | EPA 8015/3050 | ND/ND |
| WOS2 #4 | 2' below invert | EPA 8015/3050 | ND/ND |
| WOS2 #5 | 2' below invert | EPA 418.1 | ND |
| WOS2 #6 | 2' below invert | EPA 418.1 | 8,800 ppm |

Figure 2 : NEWHALL LAND & FARMING COMPANY - SITE A

LEVINE • FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

Project No. 1917

1917-03

110788DC/e...

# A P P E N D I X  A

County of Los Angeles Department of Public Works
Closure Permits No. 3967B and 4207B

County of Los Angeles Fire Department
Tank Removal Permit

County of Los Angeles Fire Department
Tank Removal Verification Letter

Uniform Hazardous Waste Manifest No. 87435788

American Metal Recycling, Inc.
Tank Disposal Forms No. 02124 and No. 02170

1.4 Pg 123
A-8

3967 B

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

*COPY*

OWNER:
NAME Roger Jones Orchard
ADDRESS Walnut Rd CITY Valencia STATE CA ZIP

FACILITY:
NAME Newhall Land + Farm
SITE ADDRESS 3003 Walnut Orchard Rd CITY Valencia ZIP
MAILING ADDRESS 23823 Valencia Blvd CITY Valencia STATE CA ZIP
CONTACT PERSON Roger Jones TITLE Owner PHONE 805 255 4072

CLOSURE REQUESTED:
☐ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE
DATE OPERATION WILL RESUME
☒ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION A.M.R.
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

| TANK NO. | MATERIAL | AGE (YEARS) | CAPACITY (GAL) | MATERIALS STORED (PAST AND PRESENT) |
|---|---|---|---|---|
| 1 | Steel | unk | 1,000 | DSL empty now |
| 2 | Steel | unk | 1,000 | Reg " |

| | YES | NO |
|---|---|---|
| HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE? | ☐ | ☒ |
| HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS? | ☐ | ☒ |
| WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE? | ☐ | ☒ |
| WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED? | ☐ | ☒ |

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE Marcella Morton DATE 2/25/88
OWNER ☐ OPERATOR ☐ CONTRACTOR Texquira Systems Inc.
STATE LICENSE NO. 507838

—TO BE COMPLETED BY THE COUNTY ENGINEER—

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 179.00
PERMIT NO 3967B
FILE NO 14101 R/C 7

Nicole Long DATE 2/25/88

TO ARRANGE FOR AN INSPECTION, TELEPHONE Randy McDonald

(805)253-7207 call between 8+9 AM 72 hrs

CL205 Revised 9/86

,US MATERIALS UNDERGR^UND STORAGE
.GELES COUNTY
.TMENT OF PUBLIC WORKS
.E MANAGEMENT DIVISION
,0 ALCAZAR STREET
S ANGELES, CALIFORNIA 90033

No. 396 + B
File No.
I-14101 - 7

satisfy the permanent closure requirements for underground storage tanks reviously storing hazardous materials, site integrity must be demonstrated " the analysis of soil samples and, if applicable, groundwater samples as tlined below. These requirements are in addition to the conditions listed n the Application fo Closure or contained in an approved Closure Plan.

Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

For each SP, samples shall be obtained at the following depths:

| SP | Depth(s) | Compounds | Analysis Method |
|---|---|---|---|
| 1 | 2-4ft below tank invert | TPH | EPA 418.1 or 8015 |
| 2 | " " " " " " | TPH + organic lead | 8015 + Appropriate EPA method |
| | | | |
| | | | |
| | | | |

All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).

Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.

All soil/groundwater samples obtained shall be handled and transported to a laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

. 'f the soil/groundwater analysis indicates undefined contamination at he facility, additional sampling shall be required to define the vertical and lateral extent present.

. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever

ADDENDUM TO 3967B *COPY* 4207B

PPLICATION FOR CLOSURE
AZARDOUS MATERIALS UNDERGROUND STORAGE
OUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ASTE MANAGEMENT DIVISION
250 ALCAZAR STREET
OS ANGELES, CALIFORNIA 90033

WNER:
NAME ROGER JONES
ADDRESS WALNUT ~~RD~~ Orchard Rd CITY ~~VALENCIA~~ SAUGUS STATE CA ZIP

ACILITY:
NAME NEWHALL LAND & FARM
SITE ADDRESS 3003 WALNUT ORCHARD RD CITY VALENCIA ZIP
MAILING ADDRESS 23823 VALENCIA CITY VALENCIA STATE CA ZIP
CONTACT PERSON ROGER JONES TITLE OWNER PHONE 805-255-4072

OSURE REQUESTED:
☐ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE
DATE OPERATION WILL RESUME
☒ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION A.M.R.
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

ANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

| ANK NO. | MATERIAL | AGE (YEARS) | CAPACITY (GAL) | MATERIALS STORED (PAST AND PRESENT) |
|---|---|---|---|---|
| 3 | STEEL | UNK | ~~3,000~~ 6,000 | GAS |

| | YES | NO |
|---|---|---|
| HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE? | ☐ | ☒ |
| HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS? | ☐ | ☒ |
| WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE? | ☐ | ☒ |
| WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED? | ☐ | ☒ |

3967

F THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE [signature] DATE 3/23/88
OWNER ☐ OPERATOR ☒ CONTRACTOR
STATE LICENSE NO. 507838

TO BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 38
PERMIT NO 4207B
FILE NO 14101 R/C 7

[signature] DATE 3/25/88

TO ARRANGE FOR AN INSPECTION, TELEPHONE 72 hrs Notice 8-9:30 am

Inspection → Randy [illegible] → 805-253-7207

DS Revised 9/86

.E PERMIT SUPPLEMENT
.DOUS MATERIALS UNDERGROUND STORAGE
ANGELES COUNTY
ARTMENT OF PUBLIC WORKS
TE MANAGEMENT DIVISION
ALCAZAR STREET
NGELES, CALIFORNIA 90033

Closure Permit
No. 4207 B
File No.
I-1401 - 7

satisfy the permanent closure requirements for underground storage tanks viously storing hazardous materials, site integrity must be demonstrated the analysis of soil samples and, if applicable, groundwater samples as lined below. These requirements are in addition to the conditions listed the Application fo Closure or contained in an approved Closure Plan.

Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

For each SP, samples shall be obtained at the following depths:

| SP | Depth(s) | Compounds | Analysis Method |
|---|---|---|---|
| 3A & 3B | 2ft below tank bottom | TPHC + Lead | EPA 8015 + (Lead method if applicable) |
| | | | |
| | | | |
| | | | |
| | | | |

All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).

Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.

All soil/groundwater samples obtained shall be handled and transported to a laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

f the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

final report that contains all of the above required information shall be submitted to the office above within one (1) month from the

CITY OF Saugus
STATION 76 BN 6.

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION BUREAU

FORM #718P-TR (REV. 8/86)
DATE 3/24/88

# TANK REMOVAL PERMIT

TANK LOCATION 30003 Walnut Orchard Rd.
OCCUPANT OR NAME OF COMPANY Marshall Land & Farm
NAME OF CONTRACTOR Toxguard Systems
PHONE (714) 884-9002 CITY Saugus

FIRE DEPARTMENT APPROVAL TO REMOVE UNDERGROUND TANK(S) WILL BE GRANTED UNDER SECTION 4.101 AND ARTICLE 79 OF THE FIRE CODE UNDER THE FOLLOWING CONDITIONS:

1. This permit shall be obtained from the Fire Department prior to any excavation, transportation, or modification of any underground tank. (FIRE CODE SECTION 4.101) **THIS PERMIT TO BE RETAINED ON JOB SITE DURING TANK REMOVALS.**

2. An additional permit will be required from Los Angeles County Public Works. Additional permits from cities or other agencies may be required. The contractor shall be respondsible for obtaining all required permits. Documentation may be required.

3. Contractors shall insure that **ALL FLAMMABLE LIQUIDS/MATERIALS HAVE BEEN REMOVED FROM TANK(S)** prior to removal.

4. Prior to removal, tanks shall have dump tube removed and then shall be purged of flammable gases by adding crushed dry ice at a ratio of at least one pound per 100 gallon capacity of the tank in accordance with N.F.P.A. HANDBOOK guidelines. **A FLAMMABLE VAPOR DETECTION DEVICE** and a qualified operator in it use shall be required to be on the job site prior to excavation or removal. Tank condition will be monitored using this device and contractor shall demonstrate that vapor concentration inside the tank is not more than **10%** of the lower explosive limit (L.E.L.) of the product prevously in tank. Openings are to be plugged using a pressure-vacuum relief device or other N.F.P.A. approved device.

5. Tanks are to be **LIFTED** out of hole, dragging will not be permitted. Lifting shall be done in a safe manner. Tanks are to be removed from site to a safe holding area on day of removal.

6. No open flames or spark producing equipment within 50 feet of tank or hazardous vapor area shall be permitted. **BE ADVISED THAT THE DRY ICE METHOD IS A TEMPORARY METHOD FOR THE REMOVAL OF VAPORS. ADDITIONAL PRECAUTIONS SHOULD BE TAKEN TO INSURE THAT FLAMMABLE VAPORS ARE COMPLETELY REMOVED BEFORE ANY ADDITIONAL WORK IS DONE TO TANKS AFTER REMOVAL.**

7. The following sequence is recommended to insure prompt and successful removal inspections:

   **FIRST** - Contact **PUBLIC WORKS** and make arrangements for an inspection date and time.
   **NEXT** - Contact the local **FIRE PREVENTION** office (at least **48 HOURS** before removal) and request an inspection compatable with both departments.

8. Complete **VERIFICATION LETTER** (attached) and hand deliver or mail to Local Fire Prevention Inspector.

THIS PERMIT IS NON-TRANSFERABLE AND IS GRANTED UNTIL REVOKED AND IS SUBJECT TO REVOCATION FOR PROPER CAUSE, FOR VIOLATION OF THE FIRE CODE, TITLE 19, OR WHEN NECESSARY FOR PUBLIC SAFETY. NON-COMPLIANCE WITH ANY PROVISION STIPULATED HEREIN CONSTITUTES A VIOLATION.

**I HAVE COMPLETELY READ AND FULLY UNDERSTAND THE FOREGOING FIRE DEPARTMENT REQUIREMENTS AND WARNINGS THAT APPLY TO THIS PERMIT.**

☑ CONTRACTOR COPY W/ VERIFICATION LETTER
☑ FIRE PREV. BUREAU COPY

OWNER/OCCUPANT REPRESENTATIVE

FIRE DEPARTMENT REPRESENTATIVE

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION BUREAU

FORM #718L-TR (REV. 8/86)

DATE 3/24/88

# TANK REMOVAL VERIFICATION LETTER

TANK LOCATION 30003 Walnut Orchard Rd

OCCUPANT OR NAME OF COMPANY Newhall Land + Farm

NAME OF CONTRACTOR Toxguard Systems

PHONE (714) 884-9002 CITY Sanguus

1. Approval has been obtained from Public Works and proper permits have been obtained.
2. All liquids/materials have been removed from tank(s) to the best of our ability in accordance with standard practices.
3. As a representative of the above listed contractor, I certify that readings taken with L.E.L. device are in compliance with requirements of Fire Department.
4. Tank(s) will be removed from job site to a safe holding area on day of tank excavation and removal.
5. Tank(s) removed are listed below:

| TANK TYPE | CAPACITY | IDENTIFICATION |
|---|---|---|
| Steel | 1000 | — |
| Steel | ~~1000~~ 6000 | — |
| Steel | 500 | — |
| | | |

Mark A. Maurer
OWNER/OCCUPANT REPRESENTATIVE

# WASTE MANIFEST

CAC000101859

Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
NEW MARK LANDMARK
3003 WALNUT ORCHARD Rd

4. Generator's Phone ( ) 9AGUS

A. State Manifest Document Number
874357.0

B. State Generator's ID

5. Transporter 1 Company Name
TATENSTATE Hauling Co.

6. US EPA ID Number
CAD000625555

C. State Transporter's ID 90-4

D. Transporter's Phone 714 597.

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
P.R.I.
1835 [illegible]
[illegible] CA

10. US EPA ID Number
CAT080010159

G. State Facility's ID
CAT080010159

H. Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) NA-1170 | 1 | TT | 418170 | | State 134 |
| | | | | | EPA/Other |
| b. | | | | | State |
| | | | | | EPA/Other |
| c. | | | | | State |
| | | | | | EPA/Other |
| d. | | | | | State |
| | | | | | EPA/Other |

J. Additional Descriptions for Materials Listed Above
H2O 6000 TANK 500 TANK
TOTAL 1000 42 11
1000 TANK

K. Handling Codes for Wastes Listed Above
a. R01 b.
c. d.

15. Special Handling Instructions and Additional Information
Dover & Douglas

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: X [illegible] Signature: [illegible] Month Day Year: 10 31 2 4 88

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RAY WILSON Signature: [illegible] Month Day Year: 10 31 2 4 88

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Signature: Month Day Year:

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-86) Previous editions are obsolete.

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95802

INSTRUCTIONS ON THE BACK

METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

# TANK DISPOSAL FORM

No. _____

Date: 3-24- ,19 88
Job #
P.O. #

CONTRACTOR: TOX GUARD SYSTEMS INC
ADDRESS: 795 S. LUGO AVE SAN BDNO, CA. 92408
JOB SITE: NEW HAII FARMS
ADDRESS: 30003 WALNUT ORCHARD RD SAUGUS CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

| DATE | TIME | PROJECTED TANKS | ORDERED BY: | LIC. NO. |
|---|---|---|---|---|
| | | | | |

SPECIAL INSTRUCTIONS: _____

COMMODITY (SPECIFY)

| ✓ | Services Rendered | Cost |
|---|---|---|
| ___ | Disposal Fee | 100.00 |
| ___ | Extensive Loading Time | 150.00 |
| ___ | Disposal Fee with Permit | 250.00 |
| ___ | Fiberglass Tank Disposal Fee Per Tank | 200.00 |
| ___ | Cancellation Fee | 250.00 |
| ✓ | Other Specify DELIVERED | |

TOTAL CHARGES $ —

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

TANKS RECEIVED

| QTY. | GALLONS | TYPE F* | TYPE S* | NET TONS | TOTAL |
|---|---|---|---|---|---|
| | 280 | ☐ | ☐ | .15 | |
| 1 | 500 | ☐ | ☑ | ~~.22~~ | .21 |
| | 550 | ☐ | ☐ | .25 | |
| 1 | 1000 - 12ft. | ☐ | ☑ | ~~.40~~ | .44 |
| | 1000 - 6ft. | ☐ | ☐ | .63 | |
| | 1500 | ☐ | ☐ | .90 | |
| | 2000 | ☐ | ☐ | 1.00 | |
| | 2500 | ☐ | ☐ | 1.18 | |
| | 3000 | ☐ | ☐ | 1.36 | |
| | 4000 | ☐ | ☐ | 1.70 | |
| | 5000 | ☐ | ☐ | 2.50 | |
| | 6000 | ☐ | ☐ | 2.92 | |
| | 7500 | ☐ | ☐ | 3.36 | |
| | 8000 | ☐ | ☐ | 3.55 | |
| | 9000 | ☐ | ☐ | 3.94 | |
| | 10000 | ☐ | ☐ | 4.47 | |

NO. OF TANKS: 2 TOTAL NET TONS: .65

*F = FIBERGLASS *S = STEEL 105

**CERTIFICATE OF TANK DISPOSAL/DESTRUCTION**

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

Chris Ramirez
AUTHORIZED REP.

CONTRACTOR COPY

3-24-88
DATE

METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 321

# TANK DISPOSAL FORM

Date: 3-29- ,19 88
Job #
P.O. #

CONTRACTOR: TOXGUARD SYSTEMS INC
ADDRESS: 795 S. LUGO AVE SAN RDNO CA 92408
JOB SITE: NEW HAUL LAND & FARM
ADDRESS: 3003 WALNUT ORCHARD RD SAN-S CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

| DATE | TIME | PROJECTED TANKS | ORDERED BY: | LIC. NO. |
|---|---|---|---|---|
| | | | | |

SPECIAL INSTRUCTIONS:

COMMODITY (SPECIFY)

| ✓ | Services Rendered | Cost |
|---|---|---|
| | Disposal Fee | 100.00 |
| | Extensive Loading Time | 150.00 |
| | Disposal Fee with Permit | 250.00 |
| | Fiberglass Tank Disposal Fee Per Tank | 200.00 |
| | Cancellation Fee | 250.00 |
| ✓ | Other Specify DELIVERED | |

TOTAL CHARGES $ —

All fees incurred are per load unless specified.
Terms are net 30 days from date of invoice.

TANKS RECEIVED

| QTY. | GALLONS | TYPE F* | TYPE S* | NET TONS | TOTAL |
|---|---|---|---|---|---|
| | 280 | ☐ | ☐ | .15 | |
| | 500 | ☐ | ☐ | .22 | |
| | 550 | ☐ | ☐ | .25 | |
| | 1000 - 12ft. | ☐ | ☐ | .46 | |
| | 1000 - 6ft. | ☐ | ☐ | .63 | |
| | 1500 | ☐ | ☐ | .90 | |
| | 2000 | ☐ | ☐ | 1.00 | |
| | 2500 | ☐ | ☐ | 1.18 | |
| | 3000 | ☐ | ☐ | 1.36 | |
| | 4000 | ☐ | ☐ | 1.70 | |
| | 5000 | ☐ | ☐ | 2.50 | |
| 1 | 6000 | ☐ | ☑ | ~~2.02~~ | 2.84 |
| | 7500 | ☐ | ☐ | 3.36 | |
| | 8000 | ☐ | ☐ | 3.55 | |
| | 9000 | ☐ | ☐ | 3.94 | |
| | 10000 | ☐ | ☐ | 4.47 | |

NO. OF TANKS: 1 TOTAL NET TONS: 2.84

*F = FIBERGLASS *S = STEEL 105

**CERTIFICATE OF TANK DISPOSAL/DESTRUCTION**

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP. GENERATOR COPY DATE 3-29-8

# A P P E N D I X  B

## Laboratory Certificate and Chain-of-Custody Form

BACTERIOLOGY
WATER TESTING
HAZARDOUS WASTE TESTING
CALIF. DHS CERTIFIED
PHONE (714) 684-1881
LABORATORIES
3215 CHICAGO AVE.

ESTABLISHED 1906
EDWARD S. BABCOCK & SONS, INC.
P.O. BOX 432
RIVERSIDE, CALIFORNIA 92502

04/06/88

To: Toxguard Systems Inc.
P.O.Box 30113
San Bernardino , CA 92403
(714)884-9002
Attn: Dennis Zafuto

Lab No. 880325-82
Invoice No. 89402

| | Submitted | Sampled |
|---|---|---|
| By | DZ | SB |
| Date | 3/25/88 | 3/24 |
| Time | 17:00 | 15:10 |

Sample Marked: Walnut Orchard #3003 W052 #1
NE End 750 Gal Tank (Soil)

| PARAMETER | RESULT |
|---|---|
| EPA 8015-5030 & CA.DOHS Total Volatile Petro.Hydrocarbon | <10 ug/g |
| EPA 3050-7420 Lead (total) | <20 ug/g |

Date Completed: 4/1

Chain of Custody on File

EDWARD S. BABCOCK & SONS, INC.

Allison Mackey

BACTERIOLOGY
WATER TESTING
HAZARDOUS WASTE TESTING
CALIF. DHS CERTIFIED
PHONE (714) 684-1881
LABORATORIES
3215 CHICAGO AVE.

ESTABLISHED 1906
EDWARD S. BABCOCK & SONS, INC.
P.O. BOX 432
RIVERSIDE, CALIFORNIA 92502

04/06/88

To: Toxguard Systems Inc.
P.O.Box 30113
San Bernardino , CA 92403
(714)884-9002
Attn: Dennis Zafuto

Lab No. 880325-83
Invoice No. 89402

Sample Marked: Walnut Orchard #3003 W052
#2 NE End 750 Gal Tank (Soil)

| | Submitted | Sampled |
|---|---|---|
| By | DZ | SB |
| Date | 3/25/88 | 3/24 |
| Time | 17:00 | 15:15 |

| PARAMETER | RESULT |
|---|---|
| EPA 8015-5030 & CA.DOHS Total Volatile Petro.Hydrocarbon | <10 ug/g |
| EPA 3050-7420 Lead (total) | <20 ug/g |

Date Completed: 4/1

Chain of Custody on File

EDWARD S. BABCOCK & SONS, INC.

Allison Mackey

BACTERIOLOGY
WATER TESTING
HAZARDOUS WASTE TESTING
CALIF. DHS CERTIFIED
PHONE (714) 684-1881
LABORATORIES
3215 CHICAGO AVE.

ESTABLISHED 1906
EDWARD S. BABCOCK & SONS, INC.
P.O. BOX 432
RIVERSIDE, CALIFORNIA 92502

04/06/88

To: Toxguard Systems Inc.
P.O.Box 30113
San Bernardino , CA 92403
(714)884-9002
Attn: Dennis Zafuto

Lab No. 880325-84
Invoice No. 89402

| | Submitted | Sampled |
|---|---|---|
| By | DZ | SB |
| Date | 3/25/88 | 3/24 |
| Time | 17:00 | 15:45 |

Sample Marked: Walnut Orchardd #3003 W052
#3 NE End 400 Gal Tank (Soil)

| PARAMETER | RESULT |
|---|---|
| EPA 8015-5030 & CA.DOHS Total Volatile Petro.Hydrocarbon | <10 ug/g |
| EPA 3050-7420 Lead (total) | <20 ug/g |

Date Completed: 4/1

Chain of Custody on File

EDWARD S. BABCOCK & SONS, INC.

Allison Mackey

WATER TESTING
HAZARDOUS WASTE TESTING
CALIF. DHS CERTIFIED
PHONE (714) 684-1881
LABORATORIES
3215 CHICAGO AVE.

ESTABLISHED 1906
EDWARD S. BABCOCK & SONS, INC.
P.O. BOX 432
RIVERSIDE, CALIFORNIA 92502

04/06/88

To: Toxguard Systems Inc.
P.O.Box 30113
San Bernardino , CA 92403
(714)884-9002
Attn: Dennis Zafuto

Lab No. 880325-85
Invoice No. 89402

| | Submitted | Sampled |
|---|---|---|
| By | DZ | SB |
| Date | 3/25/88 | 3/24 |
| Time | 17:00 | 15:50 |

Sample Marked: Walnut Orchard #3003 W052
#4 NW End 400 Gal Tank (Soil)

| PARAMETER | RESULT |
|---|---|
| EPA 8015-5030 & CA.DOHS Total Volatile Petro.Hydrocarbon | <10 ug/g |
| EPA 3050-7420 Lead (total) | <20 ug/g |

Date Completed: 4/1

Chain of Custody on File

EDWARD S. BABCOCK & SONS, INC.

Allison Mackey

BACTERIOLOGY
WATER TESTING
HAZARDOUS WASTE TESTING
CALIF. DHS CERTIFIED
PHONE (714) 684-1881
LABORATORIES
3215 CHICAGO AVE.

ESTABLISHED 1906
EDWARD S. BABCOCK & SONS, INC.
P.O. BOX 432
RIVERSIDE, CALIFORNIA 92502

04/06/88

To: Toxguard Systems Inc.
P.O.Box 30113
San Bernardino , CA 92403
(714)884-9002
Attn: Dennis Zafuto

Lab No. 880325-86
Invoice No. 89402

| | Submitted | Sampled |
|---|---|---|
| By | DZ | SB |
| Date | 3/25/888 | 3/24 |
| Time | 17:00 | 16:45 |

Sample Marked: Walnut Orchard #3003 W052
#5 Diesel (Soil)

| PARAMETER | RESULT |
|---|---|
| EPA Method 418.1 soil extention Total Petroleum Hydrocarbons | <10 ug/g |

Date Completed: 4/1

Chain of Custody on File

EDWARD S. BABCOCK & SONS, INC.

Allison Mackey

WATER TESTING
HAZARDOUS WASTE TESTING
CALIF. DHS CERTIFIED
PHONE (714) 684-1881
LABORATORIES
3215 CHICAGO AVE.

ESTABLISHED 1906
EDWARD S. BABCOCK & SONS, INC.
P.O. BOX 432
RIVERSIDE, CALIFORNIA 92502

04/06/88

To: Toxguard Systems Inc.
P.O.Box 30113
San Bernardino , CA 92403
(714)884-9002
Attn: Dennis Zafuto

Lab No. 880325-87
Invoice No. 89402

| | Submitted | Sampled |
|---|---|---|
| By | DZ | SB |
| Date | 3/25/888 | 3/24 |
| Time | 17:00 | 16:55 |

Sample Marked: Walnut Orchard #3003 W052
#6 Diesel (Soil)

| PARAMETER | RESULT |
|---|---|
| EPA Method 418.1 soil extention Total Petroleum Hydrocarbons | 8800 ug/g |

Date Completed: 4/1

Chain of Custody on File

EDWARD S. BABCOCK & SONS, INC.

Allison Mackey

# CHAIN OF CUSTODY / ANALYSES REQUEST FORM

| | | | |
|---|---|---|---|
| Project No.: 1917 | Field Logbook No.: | Date: 3-25-88 | Serial No.: № 2012 |
| Project Name: TOXGUARD / NEWHALL LAND | Project Location: SAUGUS, CA | | |
| Sampler (Signature): | | | Samplers: |

| SAMPLES | | | | | | ANALYSES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NO. | DATE | TIME | LAB SAMPLE NO. | NO. OF CONTAINERS | SAMPLE TYPE | EPA 601 | EPA 624 | | | | | HOLD | RUSH | REMARKS |
| HMS1#1 | 3/24 | 1400 | | 1 | | | | | | | | | | |
| HMS1#2 | " | 1415 | | 1 | | | | | | | | | | |
| HMS1#3 | " | 1410 | | 1 | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| WOSZ#1 | 3/24 | 1510 | | 1 | | | | | | | | | | |
| WOSZ#2 | " | 1515 | | 1 | | | | | | | | | | |
| WOSZ#3 | " | 1545 | | 1 | | | | | | | | | | |
| WOSZ#4 | " | 1550 | | 1 | | | | | | | | | | |
| WOSZ#5 | " | 1645 | | 1 | | | | | | | | | | |
| WOSZ#6 | " | 1655 | | 1 | | | | | | | | | | |

9138

| | | | | | |
|---|---|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | DATE 3/25 | TIME 1239 | RECEIVED BY: (Signature) | DATE | TIME |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | DATE | TIME |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | DATE | TIME |
| METHOD OF SHIPMENT: | DATE | TIME | LAB COMMENTS: | | |

SAMPLE COLLECTOR: (check one)

☐ LEVINE·FRICKE
629 Oakland Avenue
Oakland, CA 94611-4567
(415) 652-4500

☒ LEVINE·FRICKE
4019 Westerly Place, Suite 103
Newport Beach, CA 92660
(714) 955-1390

Analytical Laboratory:
EDWARD BABCOCK & SONS
P.O. BOX 432
RIVERSIDE CA 92502

Shipping C (White) Lab Copy (Green) File Copy (Yellow) ld Copy (Pink)

FORM 86/COC/ARF

# A P P E N D I X  C

## Results of Preliminary Subsurface Investigation of the Diesel Storage Tank Excavation at Newhall Land and Farming Company's Walnut Orchard Site, Newhall, California

Levine·Fricke, Inc.
July 8, 1988

# RESULTS OF PRELIMINARY SUBSURFACE INVESTIGATION OF THE DIESEL STORAGE TANK EXCAVATION AT NEWHALL LAND AND FARMING COMPANY'S WALNUT ORCHARD SITE, NEWHALL, CALIFORNIA

July 8, 1988
L·F 1917

LEVINE·FRICKE

# ADDENDUM TO
# TANK CLOSURE REPORT

NEWHALL LAND AND
FARMING COMPANY
3003 WALNUT ORCHARD ROAD
NEWHALL, CALIFORNIA

June 28, 1990
L·F 1917

File No. 1-14101

LEVINE·FRICKE

The requested information is presented below, and copies of the requested documents can be found in the Appendices to this Addendum.

Manifest Document

A copy of the final manifest document for disposal of the tank rinseate is included in Appendix A.

Health and Safety Plan

As we discussed in our telephone conversation on June 14, 1990, a site-specific Health and Safety Plan (HSP) was not prepared for this Site. The Site investigation and remedial excavation activities were completed in July 1988, and standard health and safety protocols used by Levine·Fricke were followed for the work at this Site. It is our understanding that the requirement for a site-specific HSP has been waived by the Los Angeles County Department of Public Works (DPW) due to the impracticality of and expense associated with preparing such a plan at this time.

Hydrocarbon-Affected Soil

The volume of hydrocarbon-affected soil excavated beneath the former underground diesel tank location totaled approximately 80 cubic yards. The remedial excavation and cross-section locations are illustrated in Figure 2; excavation and selected sample locations are illustrated in cross-section in Figure 3; and soil sampling locations and chemical data are presented in Figure 4.

As discussed in the Site Remediation Section (page 5) of the Tank Closure Report, the affected soils were excavated and aerated on-site from July through September 1988. Although the hydrocarbon concentrations in the soils were significantly reduced by this process, the presence of residual hydrocarbons precluded using the aerated soils as backfill material for the tank excavation.

Newhall subsequently requested that the aerated soils be used as fill in roadways on their property. The DPW and the Los Angeles County Department of Health Services (DHS) were contacted to evaluate whether the aerated soils could be used for that purpose. Based upon the opinions expressed by the DPW and DHS, Newhall elected to use the aerated soils as road fill. A diagram showing the approximate location of the fill placement has been provided by Newhall and is included in Appendix B.

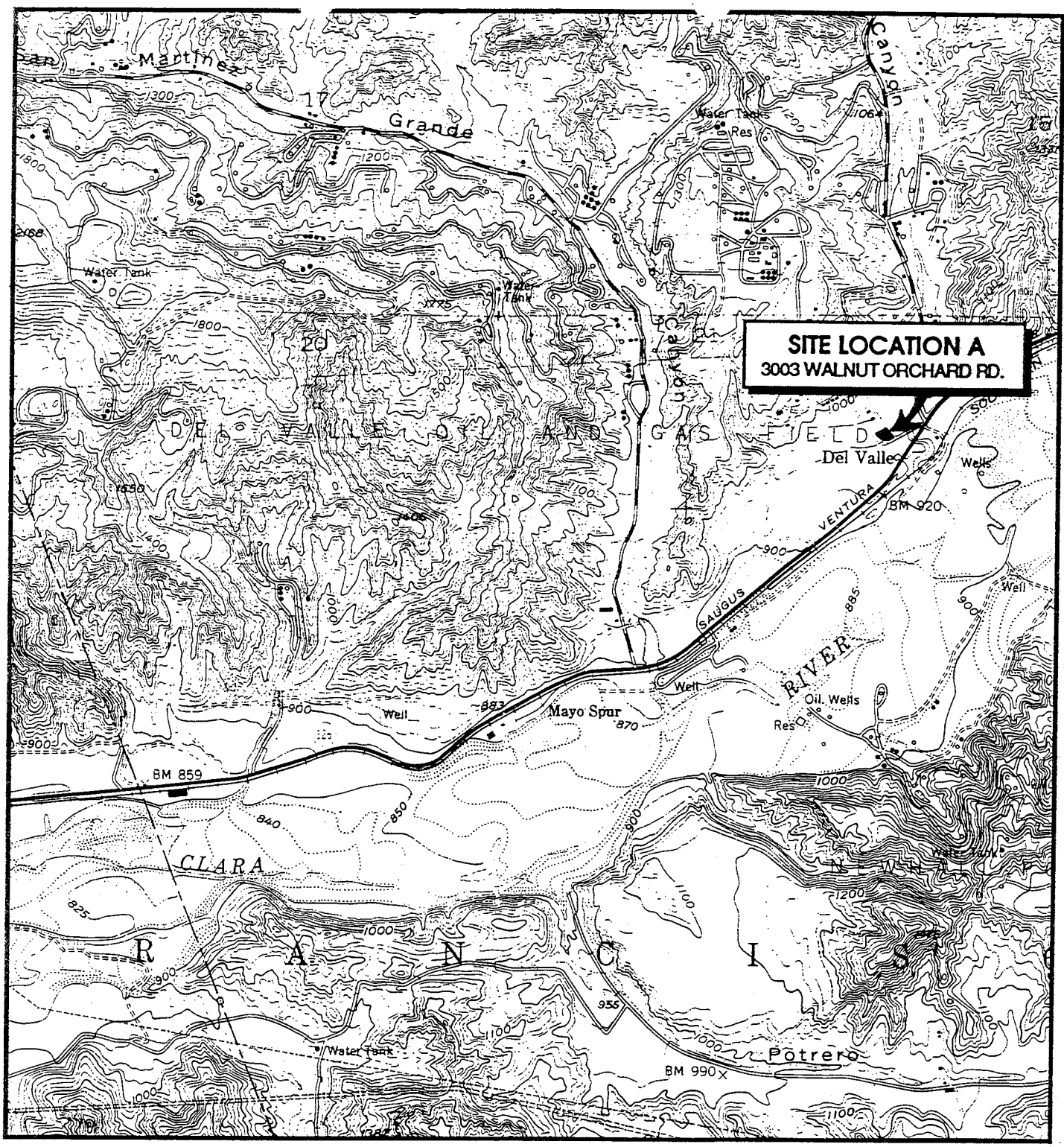
If you have any questions regarding the information presented in this Addendum, please call Steve Torres at 714/955-1390.

Sincerely,

Stephen G. Torres
Project Engineering Geologist

David E. Field, R.G.
Senior Project Hydrogeologist

cc: Ms. Joan Phillips, Newhall Land and Farming Company




MAP SOURCE: U.S.G.S. 7.5' Quadrangle, Val Verde, CA, Photoinspected 1974.

N

SCALE 1:24000

0 1/2 1 Mile

CONTOUR INTERVAL 25 FEET

**Figure 1 : SITE VICINITY FOR NEWHALL LAND & FARMING COMPANY**

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

112388DC/ldd

1917-04

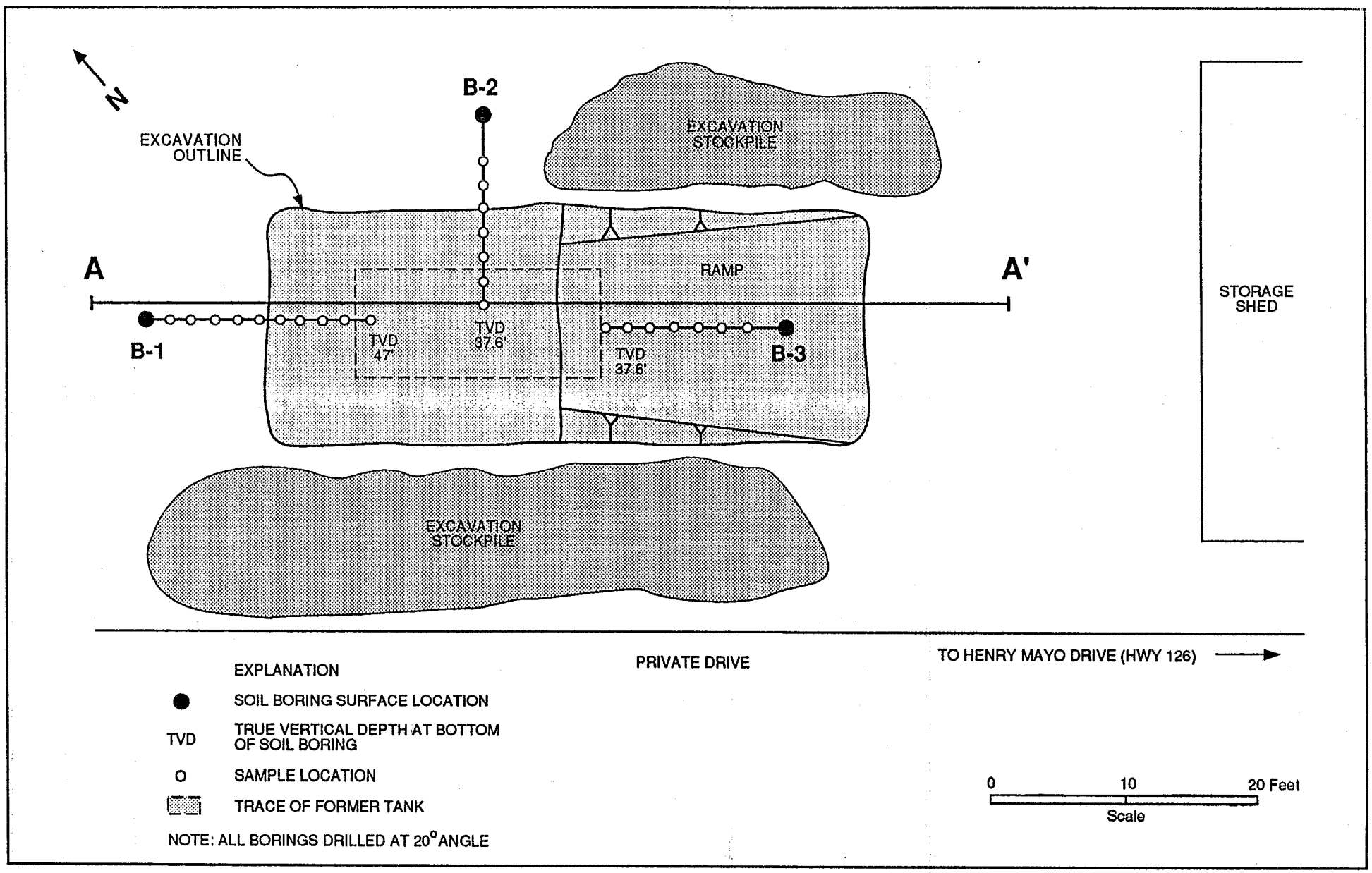



**Figure 2 : PLOT PLAN SHOWING SOIL BORING AND CROSS-SECTION LOCATIONS - NEWHALL LAND & FARMING**

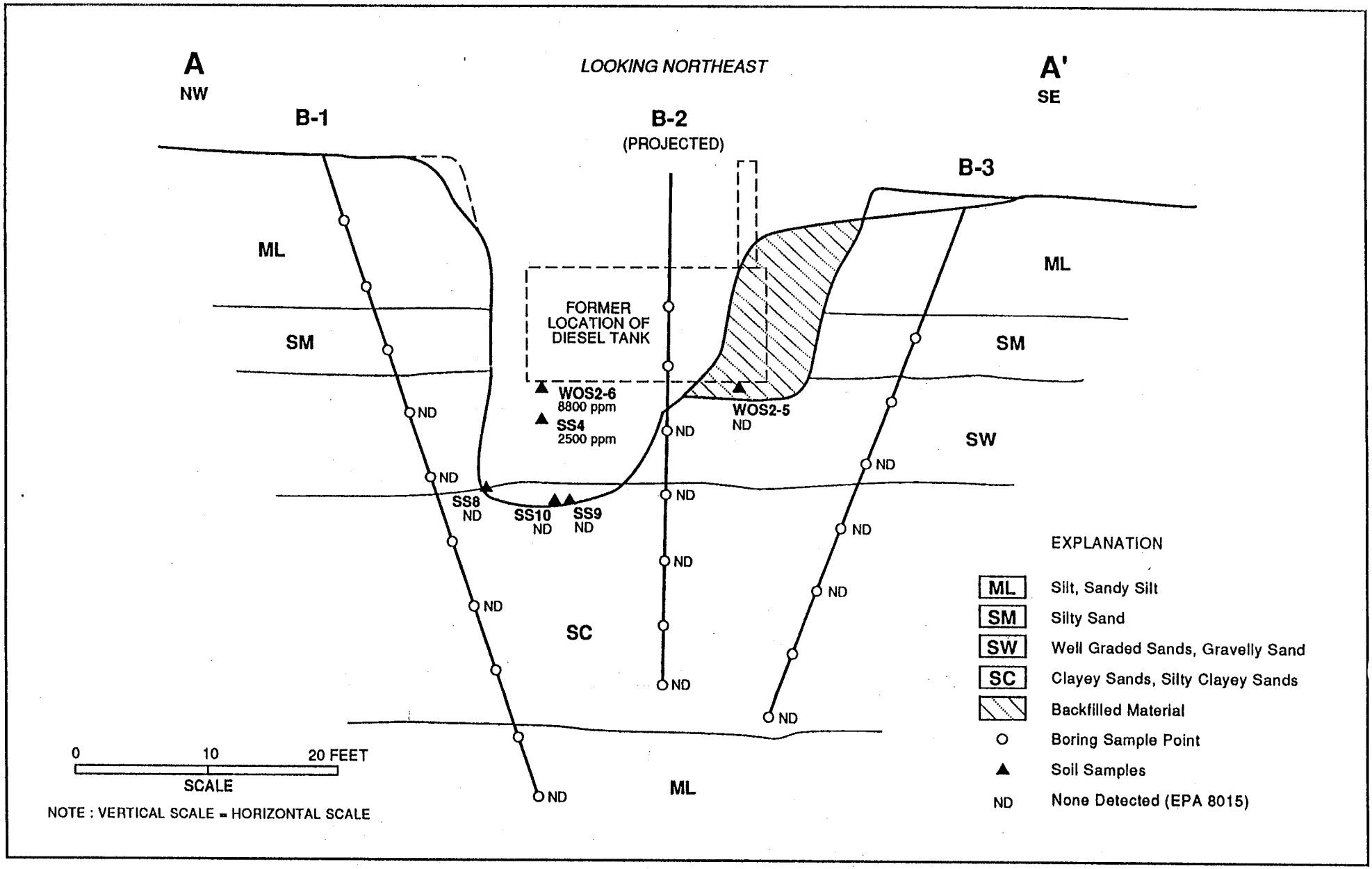
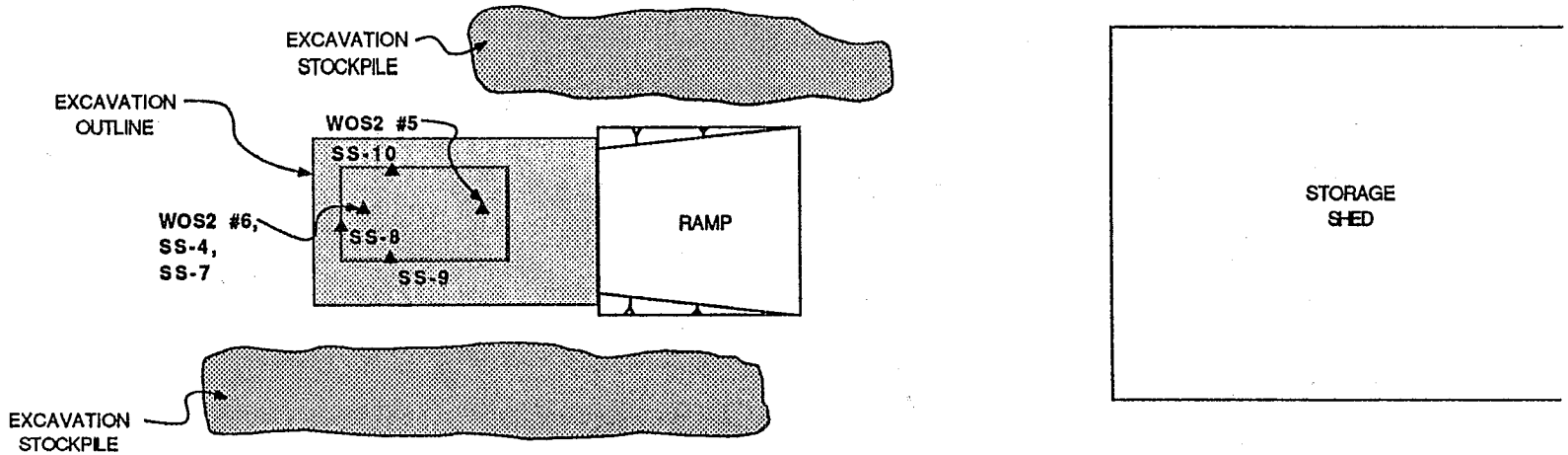



**Figure 3 : GENERALIZED GEOLOGIC CROSS-SECTION A-A'**




| SAMPLE | DEPTH | TEST | RESULT |
|---|---|---|---|
| WOS2 #5 | 13' | EPA 418-1 | ND |
| WOS2 #6 | 13' | EPA 418-1 | 8,800 ppm |
| SS-4 | 17' | EPA 8015 | 2,500 ppm DIESEL |
| SS-7 | 23' | - | ODOR STILL PRESENT |
| SS-8 | 24' | EPA 8015 | < 1 ppm |
| SS-9 | 22' | - | < 1 ppm |
| SS-10 | 22' | - | < 1 ppm |

EXPLANATION

▲ SAMPLE LOCATION

FORMER TANK OUTLINE

0 10 20 FEET

SCALE

**Figure 4 : PLOT PLAN SHOWING SOIL SAMPLING LOCATIONS - NEWHALL LAND & FARMING COMPANY**

# A P P E N D I X  A

## Manifest Document

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12 pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: CAC000018053 | Manifest Document No:

2 Page 1 of | Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address: NEW HALL LAND AND FARM, 3003 WALNUT ORCHARD Rd

4 Generator's Phone ( ) 9AQUS

A. State Manifest Document Number: 87435798

B. State Generator's ID: CAC000018053

5 Transporter 1 Company Name: INTERSTATE PUMPING CO. | 6 US EPA ID Number: CA098435563

C. State Transporter's ID: 90-98-39

D. Transporter's Phone: 714-597-6484

7 Transporter 2 Company Name: | 8 US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9 Designated Facility Name and Site Address: P.R.I. 1835 E 29TH SIGNAL HILL CA | 10 US EPA ID Number: CAT080011059

G. State Facility's ID: CAT080011059

H. Facility's Phone:

| 11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12 Containers No | Type | 13 Total Quantity | 14 Unit Wt./Vol | I Waste No |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) NA-1270 | 00 | TT | 00870 | G | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

OFFICIAL MANIFEST RECORD COPY

J Additional Descriptions for Materials Listed Above: $H^2O$ 6000 TANK TOTAL 10" 1000 TANK 5" 500 TANK 4½"

K Handling Codes for Wastes Listed Above: a. R01 b. c. d.

15 Special Handling Instructions and Additional Information: Gloves & Goggles

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: X [illegible] | Signature: [illegible] | Month Day Year: 03 24 88

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: RAY WILSON / Bill Ojc | Signature: [illegible] | Month Day Year: 03 24 88

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year:

19 Discrepancy Indication Space:

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name: NC TRIPPLE | Signature: [illegible] | Month Day Year: 3 29 88

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802 WITHIN CALIFORNIA CALL 1-800-852-7550

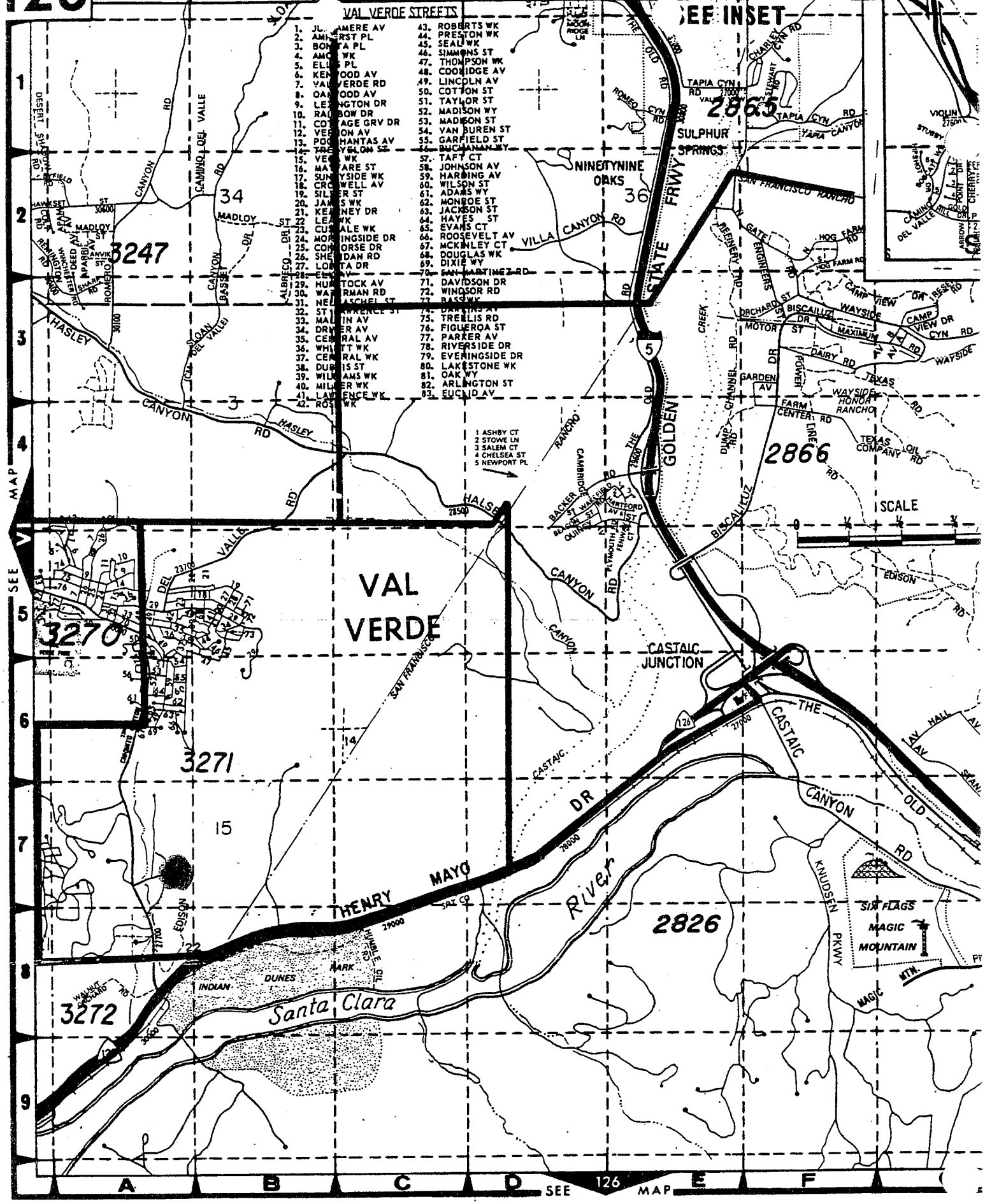
DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-86) Previous editions are obsolete.

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

INSTRUCTIONS ON THE BACK

# A P P E N D I X  B

## Diagram Showing Fill Placement




Re: 30003 Walnut Orchard
File #I-14101

Soil was spread evenly for 400 to 500 yards on dirt road to NLF company houses located at 28150, 27900 & 27868 Chiquito Canyon Road, Saugus CA as marked on the attached map. 1/2 mile up Chiquito Canyon Road off Hwy 126 turn east (right)

**INTERNAL DRAFT: SUBJECT TO REVISION**

POOR COPY

LF 1917
June 28, 1990

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 South Fremont Avenue
Alhambra, CA 91803-1331

Attention: Mr. Hossein Torabzadeh

RE: Department of Public Works File No. 1-1[illegible]

Addendum to Tank Closure Report
Newhall Land and Farming Company
3003 Walnut Orchard Road, Newhall Ranch
Los Angeles County, California

Dear Mr. Torabzadeh

As you know, Levine·Fricke (LF) has performed soil sampling and analysis for the closure by removal of two underground gasoline storage tanks and one underground diesel storage tank from Newhall Land and Farming Company's (Newhall) site located at 3003 Walnut Orchard Road on the Newhall Ranch located in Los Angeles County, California (the Site, Figure 1). The activities associated with the tank closure were summarized in LF's Tank Closure Report to Newhall dated August 23, 1989.

At the request of Newhall, LF is responding to your May 7, 1990 letter requiring the following information to complete the tank closure:

- Manifest documents for the tank rinseate;
- A site-specific Health and Safety Plan; and
- The volume of hydrocarbon-affected soil (affected soil) excavated, a cross section plan showing the vertical extent of the affected soil, and an explanation of where the affected soil was placed.

The following is a description of the requested information:

Manifest Document
The final manifest document for disposal of the tank rinseate is included in Appendix A.

**INTERNAL DRAFT: SUBJECT TO REVISION**

POOR COPY

Health and Safety Plan
As we discussed in our June 14, 1990 telephone conversation, the requirement for the Health and Safety Plan is waived due to the cost of plan combined with the fact that the Site investigation and remedial activities were completed in July 1988.

Hydrocarbon-Affected Soil
The volume of hydrocarbon-affected soil excavated beneath the former underground diesel tank location totaled approximately 80 cubic yards. The remedial excavation and cross-section location are illustrated in Figure 2; the excavation and chemical data plots are illustrated in cross-section in Figure 3; and the soil sampling locations and chemical data are presented in Figure 4.

As discussed in the Site Remediation Section (page 5) of the Tank Closure Report, the affected soils were excavated and aerated on-site from July through September 1988. Although the hydrocarbon concentrations had reduced significantly, the presence of residual hydrocarbons precluded its use as backfill material for the tank excavation. Newhall subsequently requested that the soil be used as fill in roadways on their property. The Los Angeles County Department of Public Works (DPW) and the Los Angeles County Department of Health Services (DHS) were contacted to evaluate whether the aerated soils could be used as road fill on Newhall's property. Based upon the opinions expressed by the DPW and DHS, Newhall elected to use the aerated soils as road fill. A diagram showing the approximate location of the fill placement was provided by Newhall, a copy of this diagram is included in Appendix B.

If you have any questions regarding the information presented in this Addendum, please call Steve Torres at 714/955-1390.

Sincerely,

Stephen G. Torres
Project Engineering Geologist

David E. Field, R.G.
Senior Project Hydrogeologist

cc: Ms. Joan Phillips, Newhall Land and Farming Company

LEVINE • FRICKE

# FACSIMILE COVER SHEET

POOR COPY

| | | |
|---|---|---|
| Date | 4-27-90 | |
| Time | 6:05 PM | |
| Deliver to | MR. JOAN PHILLIPS | |
| Name of Firm | NEWHALL LAND + FARMING | |
| Fax Phone No. | 805 255-3660 | LF Project No. 9997 |
| From | CARLOS TORRES | |

NUMBER OF PAGES: This cover page plus 2 page(s)

For Voice contact call: (714) 955-1390
For Return Facsimile
message (714) 955-0883
Telecopy Operator:

Any questions or inquiries about missing pages or unreadable copy, please call (714) 955-1390

Remarks HERE'S A SENT COPY OF THE LETTER I'VE PREPARED FOR THE L.A. COUNTY D.P.W. I ANTICIPATE THAT WE WILL HEAR BY TMS TOMORROW. CALL ME WITH YOUR COMMENTS/REVISIONS.

Steve

1920 MAIN STREET, SUITE 750
IRVINE, CALIFORNIA 92714
(714) 955-1390

Other offices in EMERYVILLE, CA

THE NEWHALL LAND AND FARMING COMPANY

WRITER'S DIRECT DIAL NUMBER

*Post Office Box 55000*
*Valencia, California 91385*
*(805) 255-4000*

(805) 255-4006

June 28, 1990

Mr. Steve Torres
LEVINE FRICKE
1920 Main Street, Suite 750
Irvine CA 92714

Re: Tank Closure Report
3003 Walnut Orchard Road, Newhall Ranch

Dear Steve:

Just had to drop you a note, thank you for all your help with the above referenced tank closure report.

Your assistance is appreciated!

Sincerely
NEWHALL LAND & FARMING COMPANY

Joan Phillips
Property Assistant

/jp

*23823 Valencia Boulevard, Valencia, California 91355*

11. 30003 Walnut Orchard Road
Between 30027 & 30073 Walnut Orchard Road

~~Closure permit~~
Final manifest
~~Closure cert ltr~~

#4

* * * TR. REPORT * * *

Jun. 14 '90 12:50 NEWHALL LAND C-I 5-259-2957

| DATE | START | TIME | PARTY'S NAME | MODE | PA | RESULT |
|---|---|---|---|---|---|---|
| Jun. 14 | 12:45 | 4'57 | 7149550683 | G3 | 0 | OK |

Telecopy - # (805) 259-2957

TO: Name Steve

Company Levine Fricke

Telecopy # 714 955 0683

Talk #

From: Joan Phillips

# of pages including this cover letter: 6

If you are having any problems receiving, please call:

~~(805) 255-4071 or (805) 255-4022~~

805 255-4006

Valencia 25 1965 - 1990

THE NEWHALL LAND AND FARMING COMPANY

Post Office Box 55000
Valencia, California 91385
(805) 255-4000

WRITER'S DIRECT DIAL NUMBER

(805) 255-4006

June 1, 1990

Mr. Don Johnson
Chief Survival & Enforcement Unit
Department of Health Services
Toxic Substances Control Program
P.O. Box 942732
Sacramento CA 94234-7320

Re: Final Manifests

Dear Mr. Johnson:

My letter is to seek your help in obtaining copies from your records of final maiifests with signatures from facility receiving hazardous materials.

Enclosed is a copy of our letter dated May 14, 1990, to our Transporter (listing the details and phone log) requesting copies of final manifests. To date we have not been successful in obtaining these copies.

If further information is required I may be reached at the above phone number. If it is possible to fax this information our fax number is (805) 255-3960.

Sincerely
NEWHALL LAND & FARMING COMPANY

Joan Phillips
Property Assistant

/jp

Enclosure

cc: Dominick
INTERSTATE PUMPING COMPANY
4774 Murrieta Street, #6
Chino CA 92710

Roger Jones, NLF

State of California—Health and Welfare Agency
Form Approved OMB No. 2060—0039 (Expires 9-30-88)
Page 1 of 1 (1 pg.) If you destroy for use on site (Re-cycle) (specify)

Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA1C10010103 — Manifest Document No.
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
NEW HOPE LAND AND FARM
3003 WALNUT ORCHARD Rd

4. Generator's Phone ( ) 9AQUS

5. Transporter 1 Company Name: JATE STATE Pumping Co.
6. US EPA ID Number: CA10918143156113

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
P.R.I.
1835 E 29TH
Signal Hill CA
10. US EPA ID Number: CAD1018100111059

State Manifest Document Number: 87435798
State Generator's ID
State Transporter's ID: 80-98-59
Transporter's Phone: 714 597-1484
State Transporter's ID
Transporter's Phone
State Facility's ID: CAD1018100111059
Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (WOS) NA-1270 | 001 | DT | 4000 | | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

J. Additional Descriptions for Materials Listed Above: $H^2O$ — 6000 Tank = 500 Gal; TOTAL 10 Tank = 4500 Gal; 4000 Tank

K. Handling Codes for Wastes Listed Above: a. R01 b. c. d.

15. Special Handling Instructions and Additional Information
Steve L Douglas

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations.

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Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: 10 31 21 14 PM

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RAY Wilson — Signature: [illegible] — Month Day Year: 10 31 21 14 PM

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

TRANSPORTER — FACILITY

DHS 8022 A (1/87)
EPA 8700—22
Rev. 3-88 Previous editions are obsolete.

White: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
Yellow: P.O. Box 942, Sacramento, CA 95802

INSTRUCTIONS ON THE BACK

IF YOU DO NOT HAVE AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

State of California—Health and Welfare Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-91)
Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000006201217
Manifest Document No.
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: NEWHALL LAND AND FARM
27495813
State Manifest Document Number
State Generator's ID
24351½ INFALDAWAY
VALENCIA CA
4. Generator's Phone ( )
State Transporter's ID 909839
5. Transporter 1 Company Name: INTERSTATE PUMPING
6. US EPA ID Number: CAD981483563
State Transporter's ID
Transporter's Phone 714-526054
7. Transporter 2 Company Name
8. US EPA ID Number
State Transporter's ID
Transporter's Phone
9. Designated Facility Name and Site Address: P.R.I.
1835 E. 29th
SIGNAL HILL, CA
10. US EPA ID Number: CAT080011077
State Facility's ID: CATEGORY/VOSS
State Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) NA1270 | 001 | TT | 00150 | | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

J. Additional Descriptions for Materials Listed Above: $H^2O$ CONTAMINATED
K. Handling Codes for Wastes Listed Above: a. R07 b. c. d.

15. Special Handling Instructions and Additional Information
Gloves + Goggles

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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Printed/Typed Name: Mark A. Nourse
Signature: Mark A. Nourse
Month Day Year: 03 24 88

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Kay Wilson
Signature: Kay Wilson
Month Day Year: 03 24 88

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

GENERATOR

FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RRS CENTER 1-800-424-8802 WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1-87)
EPA 8700-22
Rev. 9-85 Previous editions are obsolete.

GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
P.O. Box 942, Sacramento, CA 94232

SEE INSTRUCTIONS ON THE BACK

State of California Health and Welfare Agency
Form Approved, OMB No. 2060-0039 (Expires 8-30-88)
Please Print or Type. Form Designed for use on Elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000016845
Manifest Document No.
Information in the shaded areas is not required by Federal law.

2. Generator's Name and Mailing Address
NEWHALL LAND AND FARM
31820 HENRY MAYO Rd.
SANTA CLARITA CA

4. Generator's Phone ( )

State Transporter's ID
Transporter's Phone
Transporter's Signature
17435799

5. Transporter 1 Company Name
INTERSTATE PUMPING CO

6. US EPA ID Number
CAD981413515

State Transporter's ID 709839
Transporter's Phone 714-597-1484

7. Transporter 2 Company Name

8. US EPA ID Number

State Transporter's ID
Transporter's Phone

9. Designated Facility Name and Site Address
P.R.I.
1835 E. 27th
Signal Hill CA.

10. US EPA ID Number
CAT080011059

State Facility's ID CAT080011059
Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Waste No. |
|---|---|---|---|---|---|
| a. WASTE Combustible Liquid (NOS) NA1270 | 1 | DT | 000810 | | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

J. Additional Descriptions for Materials Listed Above
$H^2O$

K. Handling Codes for Wastes Listed Above
a. R01
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves & Goggles

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name | Signature | Month Day Year 03 13 24 88

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name RAY Wilson | Signature Ray Wilson | Month Day Year 03 13 24 88

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name MARK A DEHASE | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

DISTRIBUTION: 5 PER SHIPMENT: ORIGINAL TO STATE, 1 TO GENERATOR, 1 TO TRANSPORTER, 1 TO DESTINATION, 1 TO DESTINATION FOR RETURN

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/87)
EPA 8700-22
(Rev. 9-85) Previous editions are obsolete.

Note: GENERATOR SENDS THIS COPY TO DHS WITHIN 30 DAYS — INSTRUCTIONS ON THE BACK
Mail to: P.O. Box 850, Sacramento, CA 95802

THE NEWHALL LAND AND FARMING COMPANY

Post Office Box 55000
Valencia, California 91385
(805) 255-4000

WRITER'S DIRECT DIAL NUMBER

(805) 255-4006

May 14, 1990

Frank Gray
INTERSTATE PUMPING COMPANY
4774 Murrieta Street #6
Chino CA 91710

5/17 DOMNICK - 714 590-1156
Gave me PRI's phone #
Give them a call for copies

Re: Final Manifests

5/25 Spoke w/ Frank Gray & he w/talk w/ Domnick who looks up 8 paperwork. Send another copy of 1

Dear Interstate Pumping:

I've have tried to reach you by phone but could not. I am trying to locate 3 final manifests as listed below that Interstate Pumping transported:

| LOCATION | MANIFEST # |
|---|---|
| 3003 Walnut Orchard, Saugus CA | 87435798 |
| 31820 Henry Mayo Drive, Saugus CA | 87435799 |
| 6351-1/2 La Falda Way, Valencia CA | 87435813 |

The enclosed copies do not show final signatures from facility receiving hazardous materials. Please forward copies to my attention with the final signatures.

If you have any questions I can be reached at the above phone number.

6/1/90 left message on answering machine for Dominick to return call.

Sincerely
NEWHALL LAND & FARMING COMPANY

Joan Phillips

Joan Phillips
Property Assistant

/jp

Enclosures

cc: ~~4023 Bayberry~~
~~Chino CA 91710~~

5/14/90 Spoke w/ Frank Gray & he asked we send out info we have so he can follow

5/23/90 finally phoned tagged Debbie of F & she is looking up & faxing to me this pm Debbie unable to locate, call Transpor

23823 Valencia Boulevard, Valencia, California 91355

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-93)
Type or type. Form designed for use on elite (12-pitch) typewriter.

Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA1C10D018001159
Manifest Document No.
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
NEW HOPE LAND AND FARM
3003 WALNUT ORCHARD Rd
SAGUS

4. Generator's Phone ( )

A. State Manifest Document Number 87435798
B. State Generator's ID

5. Transporter 1 Company Name: INTERSTATE Pumping Co.
6. US EPA ID Number: CA1D981431515163
E. State Transporter's ID: 89-98-59
F. Transporter's Phone: 714 527-6484

7. Transporter 2 Company Name
8. US EPA ID Number
G. State Transporter's ID
H. Transporter's Phone

9. Designated Facility Name and Site Address
P.R.I.
1835 E 29th
Signal Hill CA
213 595-7931
DEBBIE
10. US EPA ID Number: CA1T10D008011159
I. State Facility's ID: CAT10D008011159
J. Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) NA-1270 | 001 | DT | 5000 | | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

J. Additional Descriptions for Materials Listed Above
H2O
6000 Tank - 5000 Tank
TOTAL 10M - 4211
1000 Tank

K. Handling Codes for Wastes Listed Above
a. R01
b.
c.
d.

15. Special Handling Instructions and Additional Information
Where is Douglas

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations.

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Printed/Typed Name: [illegible] | Signature: [illegible] | Month Day Year: 10 31 21 4 98

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RAY Wilson | Signature: [illegible] | Month Day Year: 10 31 21 4 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY ON SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

White: GENERATOR SENDS THIS COPY TO DHS WITHIN 30 DAYS
Yellow: P.O. Box 806, Sacramento, CA 95812

INSTRUCTIONS ON THE BACK

State of California, Health and Welfare Agency
Form Approved OMB No. 2050-0039 Expires 9-30-88
Type or print. Form designed for use on elite (12-pitch) typewriter.

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's EPA ID No. CAD000625317
2. Manifest Document No. 7485813
3. Generator's Name and Mailing Address: NEWHALL LAND AND FARM, 23551½ INFALDAWAY, VALENCIA CA
4. Generator's Phone ( )
5. Transporter 1 Company Name: INTERSTATE PUMPING & CAD981435363
6. US EPA ID Number
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address: P.R.I. 1835 E 29th, SOUTH GATE, CA. CAT080011057
10. US EPA ID Number: CAT080011057
State Transporter's ID: 9048 39
Transporter's Phone: 714-522-6044
State Generator's ID
Generator's Phone
State Facility's ID: CAT080011057
Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) NA 1270 | 001 | TT | 00150 | | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

J. Additional Descriptions for Materials Listed Above: $H^2O$

K. Handling Codes for Wastes Listed Above: a. R01 b. c. d.

15. Special Handling Instructions and Additional Information: Gloves + bottles

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: MARK A. NOURSE — Signature: [signature] — Month Day Year: 03 24 88

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: KAY WILSON — Signature: [signature] — Month Day Year: 03 24 88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Month Day Year

GENERATOR — TRANSPORTER — FACILITY

EPA 8700-22 A (1-87) — GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS — SEE INSTRUCTIONS ON THE BACK
EPA 8700-22 (Rev. 9-85) Previous editions are obsolete. — P.O. Box 806, Sacramento, CA 95802

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER (1-800-424-8802)

State of California - Health and Welfare Agency
Form Approved OMB No. 2050-0039 (Expires 8-30-88)
Please print or type. (Form designed for use on Elite (12-pitch typewriter).

Department of Health Services
Waste Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC000006845 | Manifest Document No.:

Information in the shaded areas is not required by Federal law.

2. Generator's Name and Mailing Address: NEWHALL LAND AND FARM
31820 HENRY MAYO Rd.
SAUGUS CA

4. Generator's Phone ( ) 

State Generator's ID: 17435799

5. Transporter 1 Company Name: INTERSTATE PUMPING CO | 6. US EPA ID Number: CAD981435563

State Transporter's ID: 109839
Transporter's Phone: 714-597-6484

7. Transporter 2 Company Name | 8. US EPA ID Number

Transporter's ID
Transporter's Phone

9. Designated Facility Name and Site Address: P.R.I.
1835 E. 24th
Signal HILL CA. | 10. US EPA ID Number: CAT080011059

State Facility's ID: CAT080011059
Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | 3. Waste No. |
|---|---|---|---|---|---|
| a. WASTE COMBUSTIBLE LIQUID (NOS) NA1270 | 01 | TT | 00480 | | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

J. Additional Descriptions for Materials Listed Above: $H^2O$

K. Handling Codes for Wastes Listed Above: a. R01 | b. | c. | d.

15. Special Handling Instructions and Additional Information: Glover & Goggler

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name | Signature | Month Day Year: 03 24 88

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: RAY WILSON | Signature: Ray Wilson | Month Day Year: 03 24 88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Mark A. NEHRSE | Signature: Mark A. Nehrse | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA CALL 1-800-852-7550

HS 8022 A (1/87)
EPA 8700-22
(Rev. 9-86) Previous editions are obsolete.

Blue: GENERATOR SENDS THIS COPY TO DONE WITHIN 30 DAYS — INSTRUCTIONS ON THE BACK
To: P.O. Box 400, Sacramento, CA 95802

* * * TR. REPORT * * *

Jun. 8 '90 14:32 NEWHALL LAND C-I 805-259-2957

| DATE | START | TIME | TY'S NAME | MODE | PAGE | RESULT |
|---|---|---|---|---|---|---|
| Jun. 8 | 14:29 | 3'10 | 7149550683 | G3 | 05 | OK |

**TO: Name** Steve

**Company** Levine Fricke

**Telecopy #** 714 955-0683

**Talk #**

**From:** Joan Phillips

**# of pages including this cover letter:** 5

**If you are having any problems receiving, please call:**

~~(805) 255-4071 or (805) 255-4022~~

805 255 4006

Valencia 25 1965 - 1990

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460


IN REPLY PLEASE
REFER TO FILE: I-14101

May 7, 1990

Mr. Roger Jones
Newland Land and Farm
23823 Valencia Boulevard
Valencia, CA 91355

Dear Mr. Jones:

**UST PILOT PROGRAM REVIEW SHEET**
**HAZARDOUS MATERIALS UNDERGROUND STORAGE**
**TANK CLOSURE REPORT**
**SITE ASSESSMENT REPORT**
**REMEDIAL ACTION REPORT**
**FACILITY: 3003 WALNUT ORCHARD ROAD**

This office has reviewed the subject document(s) submitted on August 30, 1990.

In order to better evaluate the Closure Report, the information indicated on the enclosed sheets and/or the note below must be submitted to this office by June 20, 1990.

You are cautioned that any contaminated soils or hazardous materials generated during the approved operation must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.5, unless evidence is presented indicating that the material may be disposed of at a less restricted facility. Copies of all completed manifests shall be submitted to this office as part of the final report.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site.

Correspondence should be submitted to the Los Angeles County Department of Public Works, UST Pilot Program, Annex Building, P.O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Hossein Torabzadeh at (818) 458-3582.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Hossein Torabzadeh
Hossein Torabzadeh
Waste Management Division
UST Pilot Program

Reviewed P.A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

cc: California Regional Water Quality
Control Board
Levine-Fricke

J.M.

PP100 4/90

ts(2)/14101

## ADDITIONAL PROPOSAL/REPORT REQUIREMENTS

[ ] Plot plan to scale showing location of tanks, sampling points, buildings, adjacent streets and north arrow.

[ ] Soil samples must be obtained to verify all contamination has been removed.

[ ] Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Previous samples obtained were not analyzed in accordance to Closure Permit Requirements. Samples must be analyzed by appropriate methods.

[ ] All future soil sample analysis must utilize the following methods:
( )EPA 8010 ( )EPA 8020 ( )EPA 418.1 ( )EPA 8240
( )SDOHS Draft Method {8015M, GC-FID with 5030 extraction}
( )Other: _____

[ ] All future groundwater sample analysis must utilize the following EPA methods and test for the items indicated:
( )EPA 601 ( )EPA 602 ( )EPA 624 ( )EPA 8015
( )Temperature ( )Turbidity ( )pH
( )Other: _____

[ ] Determine the hydraulic gradient. A minimum of 3 groundwater monitoring wells are required.

[ ] Documentation as to depth of groundwater at facility.

[ ] Submit logs certified by a CA Registered Geologist or CA Certified Engineering Geologist, for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Respond to inquires stated on the enclosed "Hydrogeologic Report Correction/Review Sheet".

[ ] Disposal destination of tanks and evidence of legal disposal.

[X] Manifest to document disposal of tank rinseate. Provide a copy of rinseate manifest with signature of owner or operator of the receiving facility.

[ ] Manifests to document hazardous waste disposal of removed soil.

[ ] Evidence of legal disposal of soils designated as nonhazardous.

[ ] Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

[X] Health and Safety plan prior to conducting any field work.

[ ] Proposed future uses or improvements for the area related to the contamination.

[ ] Obtain South Coast Air Quality Management District (SCAQMD) permit.

[ ] Obtain State Department of Health Services (SDOHS) variance.

[ ] Propose a remedial action plan to mitigate contamination.

[ ] The proposed remedial action is inadequate. _____

[ ] Define the vertical and lateral extent of contamination. ____

[X] Other: Define the volume of soil actually removed. Submit a scaled cross sectional plan and depth of the contaminated portion of soil. Explain where the stockpiled soil was used.

Wants diagram sketch

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460


IN REPLY PLEASE
REFER TO FILE:
WM-1

TO: All Concerned Responsible Parties,
Contractors and Consultants

FROM: Brian D. Hooper Brian D. Hooper
UST Cleanup Pilot Program

PILOT PROGRAM PROCEDURES FOR SITE INVESTIGATION REMEDIATION ACTIVITIES.

This facility has been included in the Underground Storage Tank Cleanup Pilot Program. The program is intended to oversee site investigations/remediation as proposed and conducted by the responsible party/owner of each site. To ensure effective communication and expedient processing of your site, it is essential that you comply with the following Pilot Program Procedures:

Correspondence

* All correspondence must be mailed to:

  Los Angeles County Department of Public Works
  Waste Management Division
  UST Pilot Program -Annex Building
  P.O. Box 1460
  Alhambra, CA 91802-1460

* Each document/report must include the name and phone number of Owner and/or Responsible Party, company name and site address including city name and zip code. Clearly label the type of each report on its title page (ie: tank closure, site assessment proposal, site assessment report, remedial action proposal, remedial action report, etc).

* 3 copies of each document are required.

* If your correspondence is in response to a correction/ review sheet issued by the Pilot Program, please return a copy of the correction/review sheet along with your response.

Inspections

* You are required to notify our Supervising Inspector, Dave Lobato, at (818) 458-4374, a minimum of 72 hours prior to commencing any significant investigation/remediation/ assessment activities on site. This would include, but not be limited to, any borings, sampling, well installations, tank closures or installations/operation of remediation equipment.

Prior to calling for inspections, all remediation/assessment proposals must be approved by the Pilot Program Project Engineer handling your site.

If you have any questions regarding the general processing of your site, please contact Pat Proano, Supervising Civil Engineer, at (818) 458-3979.

BR:tb/proced

THE NEWHALL LAND AND FARMING COMPANY

Post Office Box 55000
Valencia, California 91385
(805) 255-4000

WRITER'S DIRECT DIAL NUMBER

(805) 255-4006

June 4, 1990

Steve Taurus

~~Bill Henry~~
LEVINE FRICKE
1920 Main Street, #750
Irvine CA 92714

Re: Tank Removal
3003 Walnut Orchrd Road, Valencia CA
Your Job #1917

Dear Bill:

Enclosed is a copy of a letter we received from the County of L.A. Department of Public Works requesting additional information. They have listed 3 items as follows:

1. Manifests
2. Health & Safety Plan
3. Volume of soil actually removed.

Item 1 I am following for through the state, if you should happen to have copies with final signatures, please foward. On items 2 and 3 I could use some help, what exactly are they requesting and is it incorporated in your final closure report to us?

Sincerely
NEWHALL LAND & FARMING COMPANY

Joan Phillips
Property Assistant

/jp

Enclosure

cc: Roger L. Jones

23823 Valencia Boulevard, Valencia, California 91355

805/255-4006

# T R A N S M I T T A L

DATE: June 14, 1990

TO: Levine Fricke
1920 Main Street, #750
Irvine CA 92714

ATTENTION: Steve

PROJECT: 30003 Walnut Orchard Road, Saugus CA
Your Job #1917

| | | | |
|---|---|---|---|
| X | For Your Use | — | Sent Via UPS |
| — | For Your Approval | — | Sent Via Messenger |
| — | For Your Info./Files | X | Sent Via Mail |
| — | For Your Review | — | Sent Vial Hand |
| — | For Your Signature | — | Pick-up |
| — | Per Your Request | — | Under Separate Cover |
| X | FAX | — | Sent Federal Express |

DESCRIPTION: Letters following for final manifests

REMARKS: Per your request

ISSUED BY: Joan Phillips

Spoke with Steve of Levine Fricke 6/14/90.

He has spoken with Hossein Torabzadeh of Public Works regarding their letter dated May 7, requesting additional information as follows:

1. Final manifests

2. Health & Safety plan prior to conducting any field work

3. Define volume of soil actually removed and explain where the stockpiled soil was used.

Item 1: Mailed letter dated May 14, 1990 to transporter, Interstate Pumping, requesting copies of final manifests - to date no response. Forwarded letter June 1 to Dept of Health Services explaining my situation with Interstate and requested copies of manifests from Health Services files. Steve has requested copies of these letters and I faxed them 6/14.

Item 2: Steve states that after mentioning to Hossein "that a $3,000 safety plan did not seem cost effective 2 years after the tank removal", Hossein agreed and decided it was not necessary.

Item 3: Steve has requested I obtain information on where the soil removed was actually placed. The reports state it was used on a road. Have phoned Richard Lypps to obtain this information and will forward to Steve.

Steve of Levine stated that this work should only take him 1 day and that it would be done at no cost as courtesy to NLF. If it turns out to be a bigger deal he will let us know so that a cost can be applied.

Hossein stated that he would extend the June 20 deadline, since we were actively working to supply him with the necessary information.

/jp June 14, 1990

PHONE MEMO

TO

FROM

OF

DATE 6/25

TIME AM PM

AREA CODE

NO.

EXT.

MESSAGE

Steve @ L/F phoned w/ update
he is try to pull all items
together before send to Pub works
Hossein Extended to 6/27

SIGNED

PHONED ☐ CALL BACK ☐ RETURNED CALL ☐ WANTS TO SEE YOU ☐ WILL CALL AGAIN ☐ WAS IN ☐ URGENT ☐

(805) 255-4006

June 14, 1990

Steve
Levine Fricke
1920 Main Street, #750
Irvine CA 92714

Re: 30003 Walnut Orchard Road
File #I14101

Dear Steve:

Attached is map describing the location of stockpiled soil from the tank removal on the above referenced property.

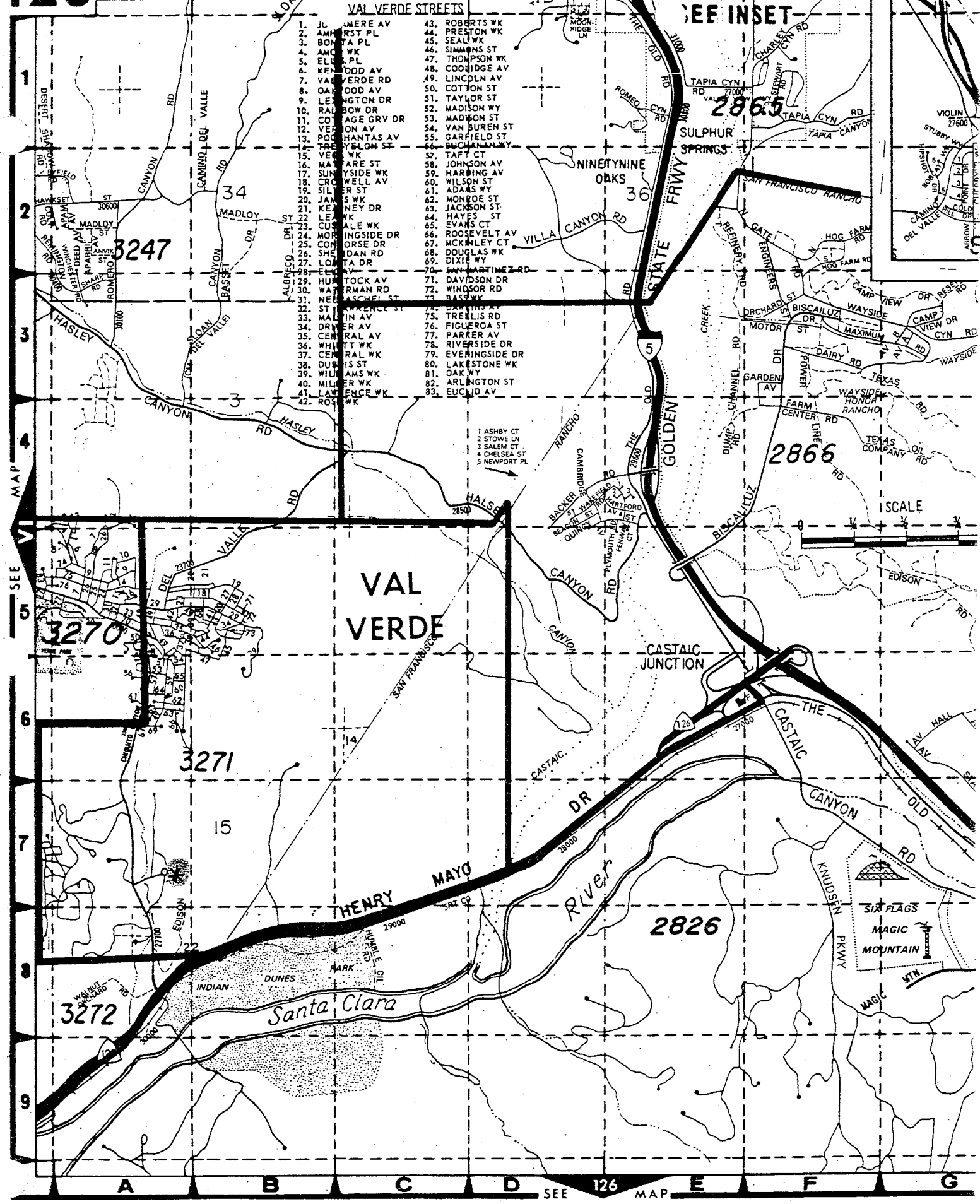
I appreciate your help, if you have any questions let me know.

Sincerely
NEWHALL LAND & FARMING COMPANY

Joan Phillips
Property Assistant

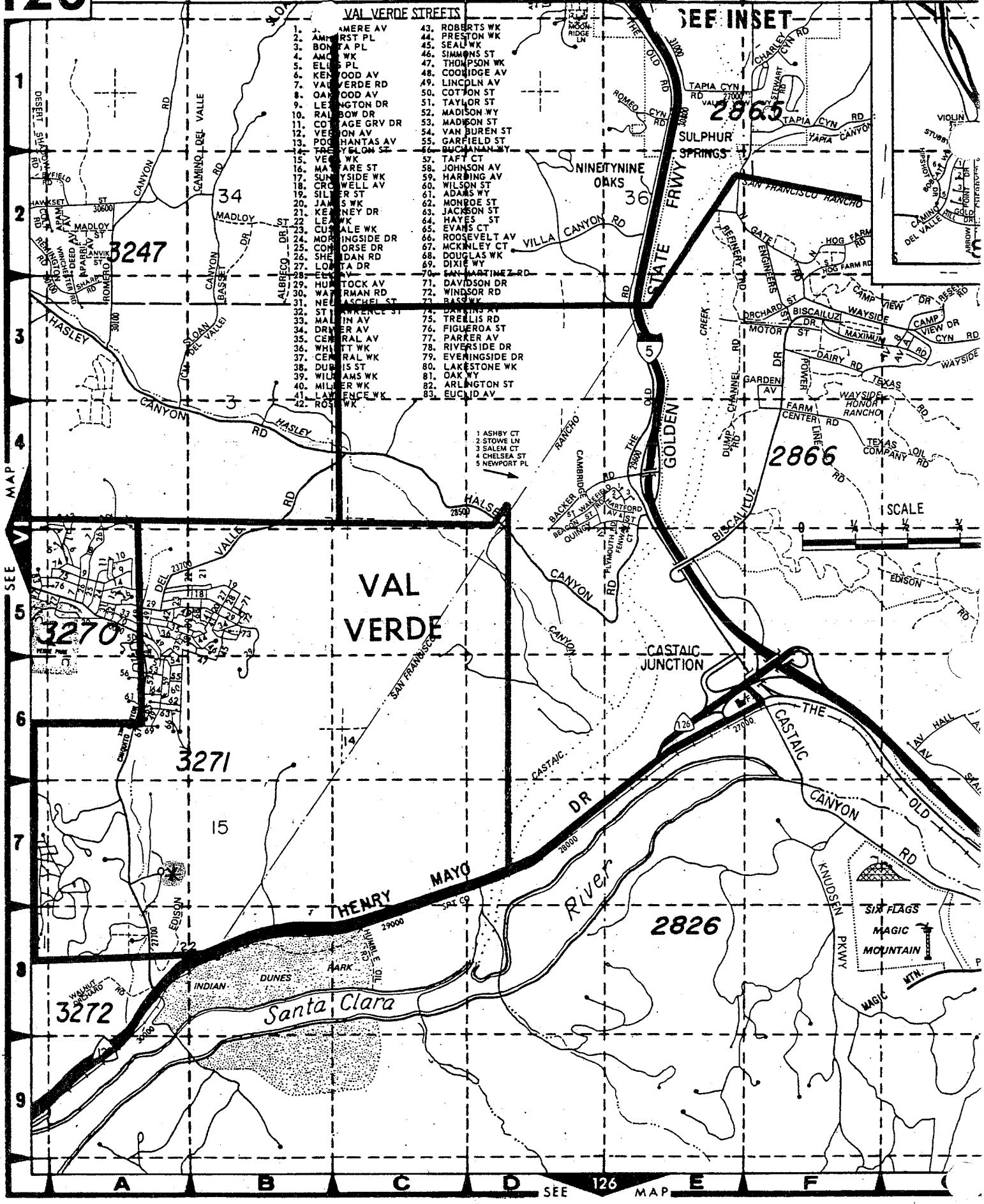
/jp

Enclosure




Re: 30003 Walnut Orchard
File #I-14101

Soil was spread evenly for 400 to 500 yards on dirt road to NLF company houses located at 28150, 27900 & 27868 Chiquito Canyon Road, Saugus CA as marked on the attached map. 1/2 mile up Chiquito Canyon Road off Hwy 126 turn east (right)




Re: 30003 Walnut Orchard
File #I-14101

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805/255-4006

# T R A N S M I T T A L

DATE: June 27, 1990

TO: Steve Torres
Levine Fricke
1920 Main Street, #750
Irvine CA 92714

PROJECT: 30003 Walnut Orchard Road
File #I14101
Your Job #1917

| | | | |
|---|---|---|---|
| X | For Your Use | __ | Sent Via UPS |
| __ | For Your Approval | __ | Sent Via Messenger |
| __ | For Your Info./Files | X | Sent Via Fed. Express |
| __ | For Your Review | __ | Sent Vial Hand |
| __ | For Your Signature | __ | Pick-up |
| __ | Per Your Request | __ | Under Separate Cover |
| X | FAX | __ | Sent Federal Express |

DESCRIPTION: Attached is a copy of the Manifest for the above referenced project that the Dept of Health Services has forwarded to me.

REMARKS: YEA!

ISSUED BY: Joan Phillips

* * * TR. REPORT * * *

Jun. 27 '90 9:34 NEWHALL LAND C-I 805-259-2957

| DATE | START | TIME | PARTY'S NAME | MODE | PAGE | RESULT |
|---|---|---|---|---|---|---|
| Jun. 27 | 9:32 | 2'07 | 7149550683 | G3 | 03 | OK |

Telecopy - # (805) 259-2957

**TO: Name** STEVE TORRES

**Company** Levine Fricke

**Telecopy #** 714 955 0683

**Talk #**

**From:** Joan Phillips

**# of pages including this cover letter:** 3

**If you are having any problems receiving, please call:**

~~(805) 255-4071 or (805) 255-4022~~

805 255-4006

Valencia 25 1965 - 1990

STATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY

GEORGE DEUKMEJIAN, *Governor*

DEPARTMENT OF HEALTH SERVICES
714/744 P STREET
ACRAMENTO, CA 95814

June 22, 1990

Ms. Joan Phillips
The Newhall Land and Farming Company
P. O. Box 55000
Valencia, CA 91385

Dear Ms. Phillips:

REQUEST FOR COPIES OF MANIFESTS

Thank you for your letter dated June 1, 1990 requesting copies of manifests.

Attached are three copies of manifests (87435798, 87435799 and 87435813) which identfy Newhall Land and Farming, 3003 Walnut Orchard Road, Saugus, CA, 6351 1/2 La Falda Way, Valencia, CA and 31820 Henry Mayo Road, Saugus, CA as the generator.

If you need further information or have any questions please call me at (916) 323-6556.

Sincerely,

L. Sotelo

Laura Sotelo
Surveillance and Enforcement Section
Toxic Substances Control Program

Attachment

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type (Form designed for use on elite (12 pitch typewriter))

Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: CAC000068053 | Manifest Document No:

2 Page 1 of

Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address: NEW HALL LAND AND FARM, 3003 WALNUT ORCHARD Rd

4 Generator's Phone ( ) 9AQUS

A. State Manifest Document Number: 87435798

B. State Generator's ID: CAC000068053

5 Transporter 1 Company Name: INTERSTATE Pumping Co.

6. US EPA ID Number: CA0981435563

C. State Transporter's ID: 90-98-39

D. Transporter's Phone: 714-597-6484

7 Transporter 2 Company Name:

8 US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9 Designated Facility Name and Site Address: P.R.I. 1835 E 29th Signal Hill CA.

10. US EPA ID Number: CAT080011059

G. State Facility's ID: CAT080011059

H. Facility's Phone:

| 11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12 Containers No | Type | 13 Total Quantity | 14 Unit Wt/Vol | I Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) NA-1270 | 001 | TT | 00870 | G | State 134 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

OFFICIAL MANIFEST RECORD COPY

J. Additional Descriptions for Materials Listed Above: $H^2O$ — 6000 TANK, TOTAL 10", 1000 TANK 5", 500 TANK 4½"

K. Handling Codes for Wastes Listed Above: a. R01 b. c. d.

15 Special Handling Instructions and Additional Information: Gloves & Goggles

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: X [illegible] | Signature: [illegible] | Month Day Year: 03 24 88

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: RAY Wilson / Bill Ogle | Signature: [illegible] | Month Day Year: 03 24 88

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year:

19 Discrepancy Indication Space:

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name: VC TRIPPLE | Signature: [illegible] | Month Day Year: 3 29 88

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1 800 424 8802 WITHIN CALIFORNIA CALL 1 800 852 7550

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-86) Previous editions are obsolete.

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

INSTRUCTIONS ON THE BACK

C JNTY OF LOS ANGE ES
DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 6, 1989

IN REPLY PLEASE
REFER TO FILE:

I-14101-7

Mr. Roger Jones
New Hall Land and Farm
23823 Valencia Boulevaard
Valencia, CA 91355

Dear Mr. Jones

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3967B and 4207B
FACILITY LOCATION: 3003 Walnut Orchard, New Hall Ranch

This office has reviewed the closure report submitted on January 25, 1989, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by February 24, 1989.

If you have any questions regarding this matter, please contact Kalyanpur Baliga at (818) 458-3512.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By
Waste Management Division

Enc.

cc: Levine-Fricke

CL207 Rev. 3/88

# ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete the evaluation of Closure Permit No. 3967B & 4207B.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

[ ] Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[x] Indicate time and date samples were obtained, clearly indentify each with location and depth.

[ ] Submit logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils for all borings.

[x] Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory, vis-a-vis Edward S. Babcock & Sons Inc. Lab. Also need legible chain-of custody form No. 2036

[x] Disposal destination of tanks and evidence of legal disposal. Copy of manifest

[x] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis, for samples collected by your staff geologist on the date banks were removed.

[ ] Documentation as to depth of groundwater at facility.

[x] Manifests to document hazardous waste disposal of removed soil. Legible copy of manifest No. 87435798

[ ] Evidence of legal disposal of soils designated as nonhazardous.

[ ] Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

[ ] Define the vertical and lateral extent of contamination.

[ ] Propose a remedial action plan to mitigate contamination.

[ ] Proposed future uses or improvements for the area related to the contamination.

[x] Other Indetify the sample completely for which a result of 8800 ppm tph was reported on page 4 together with copy of relevant lab report.

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460


CERTIFIED MAIL - RETURN RECEIPT REQUESTED

IN REPLY PLEASE
REFER TO FILE:

WM-1
14101

APR 1 1 1990

Mr. Roger Jones
Newhall Land and Farm
23823 Valencia Boulevard
Valencia, CA 91355

Dear Mr. Jones:

NOTIFICATION OF RESPONSIBILITY FOR REIMBURSEMENT FOR COSTS INCURRED IN ADMINISTERING THE UNDERGROUND STORAGE TANK CLEANUP PROGRAM
SITE ADDRESS: 3003 WALNUT ORCHARD ROAD, NEWHALL RANCH, CA 91350

The purpose of this letter is to inform responsible parties that the Los Angeles County Department of Public Works has entered into an agreement with the State of California to oversee the cleanup of contaminated sites, resulting from the unauthorized release of hazardous substances from underground storage tanks. The cleanup of these sites is necessary to protect the public and environment from unnecessary exposure to hazardous chemicals.

The cleanup program developed by Los Angeles County is funded by State and Federal monies, and is subject to the reimbursement requirements associated with the use of these funds. In order to comply with the reimbursement requirement, it will be necessary to account for all time and materials expended by County staff at each cleanup site. On a routine basis, site specific amounts detailing the time and expenses expended for each site will be provided to the State. The State will then invoice the responsible party for all direct and indirect costs associated with the cleanup of the site.

For your information, please find the enclosed Notice of Reimbursement. This is your formal notification concerning reimbursement requirements for the responsible party. If any of the information contained in the Notice of Reimbursement is incorrect, or if you have any questions regarding the reimbursement requirements, please contact Pat Proano from the Underground Storage Tank Cleanup Program at (818) 458-3979. Any correspondence should be sent to:

Los Angeles County Department of Public Works
Waste Management Division
UST Pilot Program
Attention Pat Proano
P.O. Box 1460
Alhambra, CA 91803-1331

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

P. A. Proano

Pat A. Proano
Supervising Civil Engineer II
Waste Management Division

PAP:vc/14101

Enc.

cc: State Water Resources Control Board
California Regional Water Quality Control Board,
Los Angeles Region

State Water Resources Control Board
Division of Water Quality
UST Cleanup Program

Notice of Reimbursement
When State Funds are Used

Site Code 14101

Date First Reported 08-29-89

Site Name Newhall Land and Farm

Substance 12031

Address 3003 Walnut Orchard Rd.

Petroleum (X) Yes ( ) No

City/State/Zip Newhall Ranch, CA 91350

The following information has been provided to:

Responsible Party Mr. Roger Jones

Company Name Newhall Land and Farm

Address 23823 Valencia Boulevard

City/State/Zip Valencia, CA 91355

Whereas the Legislature has appropriated funds from the California Hazardous Substance Cleanup Fund to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks; and Whereas the direct and indirect costs of overseeing removal or remedial action at the above site are funded, in whole or in part, from the Hazardous Substance Cleanup Fund; and Whereas the above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site; YOU ARE HEREBY NOTIFIED that pursuant to Section 25360 of the Health and Safety Code, the above Responsible Party or Parties shall reimburse the State Water Resources Control Board for all direct and indirect costs incurred by any and all state and local agencies while overseeing the cleanup of the above underground storage tank site, and the above Responsible Party or Parties shall make full payment of such costs within 30 days of receipt of a detailed invoice from the State Resources Control Board.

Contract Project Director:

P.A. Proano — (818)458-3549 — Date 4/5/90

Signature — Telephone Number

PAP:vc/014101

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE:
WM-1

TO: All Concerned Responsible Parties,
Contractors and Consultants

FROM: Brian D. Hooper Brian D. Hooper
UST Cleanup Pilot Program

PILOT PROGRAM PROCEDURES FOR SITE INVESTIGATION
REMEDIATION ACTIVITIES.

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  Waste Management Division
  UST Pilot Program -Annex Building
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Prior to calling for inspections, all remediation/assessment proposals must be approved by the Pilot Program Project Engineer handling your site.

If you have any questions regarding the general processing of your site, please contact Pat Proano, Supervising Civil Engineer, at (818) 458-3979.

BR:tb/proced

AMERICAN METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 02170

# TANK DISPOSAL FORM

Date: 3-29- ,19 88
Job #
P.O. #

CONTRACTOR: TOXGUARD SYSTEMS INC
ADDRESS: 795 S. LUGO AVE SAN BDNO CA 92408 714 884-9002
JOB SITE: NEW HAUL LAND & FARM
ADDRESS: 3003 WALNUT ORCHARD RD SAN BDNO CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

| DATE | TIME | PROJECTED TANKS | ORDERED BY: | LIC. NO. |
|---|---|---|---|---|
| | | | | |

SPECIAL INSTRUCTIONS:

COMMODITY (SPECIFY)

| ✓ Services Rendered | Cost |
|---|---|
| ___ Disposal Fee | 100.00 |
| ___ Extensive Loading Time | 150.00 |
| ___ Disposal Fee with Permit | 250.00 |
| ___ Fiberglass Tank Disposal Fee Per Tank | 200.00 |
| ___ Cancellation Fee | 250.00 |
| ✓ Other Specify DELIVERED | |
| TOTAL CHARGES | $ — |

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

TANKS RECEIVED

| QTY. | GALLONS | TYPE F* | TYPE S* | NET TONS | TOTAL |
|---|---|---|---|---|---|
| | 280 | ☐ | ☐ | .15 | |
| | 500 | ☐ | ☐ | .22 | |
| | 550 | ☐ | ☐ | .25 | |
| | 1000 - 12ft. | ☐ | ☐ | .46 | |
| | 1000 - 6ft. | ☐ | ☐ | .63 | |
| | 1500 | ☐ | ☐ | .90 | |
| | 2000 | ☐ | ☐ | 1.00 | |
| | 2500 | ☐ | ☐ | 1.18 | |
| | 3000 | ☐ | ☐ | 1.36 | |
| | 4000 | ☐ | ☐ | 1.70 | |
| | 5000 | ☐ | ☐ | 2.50 | |
| 1 | 6000 | ☐ | ☑ | ~~2.02~~ | 2.84 |
| | 7500 | ☐ | ☐ | 3.36 | |
| | 8000 | ☐ | ☐ | 3.55 | |
| | 9000 | ☐ | ☐ | 3.94 | |
| | 10000 | ☐ | ☐ | 4.47 | |

NO. OF TANKS: 1 TOTAL NET TONS: 2.84

*F = FIBERGLASS *S = STEEL 105

**CERTIFICATE OF TANK DISPOSAL/DESTRUCTION**

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP. GENERATOR COPY DATE 3-29-8

METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 02124

# TANK DISPOSAL FORM

Date: 3-24- ,19 88
Job #
P.O. #

CONTRACTOR: TOX GUARD SYSTEMS INC
ADDRESS: 795 S. LUGO AVE SAN BDNO, CA, 92408
JOB SITE: NEW HAIL FARMS
ADDRESS: 30003 WALNUT ORCHARD RD SAUGUS CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

| DATE | TIME | PROJECTED TANKS | ORDERED BY: | LIC. NO. |
|---|---|---|---|---|
| | | | | |

SPECIAL INSTRUCTIONS:

COMMODITY (SPECIFY)

| ✓ | Services Rendered | Cost |
|---|---|---|
| | Disposal Fee | 100.00 |
| | Extensive Loading Time | 150.00 |
| | Disposal Fee with Permit | 250.00 |
| | Fiberglass Tank Disposal Fee Per Tank | 200.00 |
| | Cancellation Fee | 250.00 |
| ✓ | Other Specify DELIVERED | |

TOTAL CHARGES $ —

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

**TANKS RECEIVED**

| QTY. | GALLONS | TYPE F* | TYPE S* | NET TONS | TOTAL |
|---|---|---|---|---|---|
| | 280 | ☐ | ☐ | .15 | |
| 1 | 500 | ☐ | ☑ | ~~.22~~ | .21 |
| | 550 | ☐ | ☐ | .25 | |
| 1 | 1000 - 12ft. | ☐ | ☑ | ~~.48~~ | .44 |
| | 1000 - 6ft. | ☐ | ☐ | .63 | |
| | 1500 | ☐ | ☐ | .90 | |
| | 2000 | ☐ | ☐ | 1.00 | |
| | 2500 | ☐ | ☐ | 1.18 | |
| | 3000 | ☐ | ☐ | 1.36 | |
| | 4000 | ☐ | ☐ | 1.70 | |
| | 5000 | ☐ | ☐ | 2.50 | |
| | 6000 | ☐ | ☐ | 2.92 | |
| | 7500 | ☐ | ☐ | 3.36 | |
| | 8000 | ☐ | ☐ | 3.55 | |
| | 9000 | ☐ | ☐ | 3.94 | |
| | 10000 | ☐ | ☐ | 4.47 | |

NO. OF TANKS: 2 TOTAL NET TONS: .65

*F = FIBERGLASS *S = STEEL 105

**CERTIFICATE OF TANK DISPOSAL/DESTRUCTION**

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

Chris Ramirez — AUTHORIZED REP. 3-24-88 — DATE

CONTRACTOR COPY

CITY OF Saugus
STATION 76 BN 6.

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION BUREAU

FORM #718P-TR (REV. 8/86)
DATE 3/24/88

# TANK REMOVAL PERMIT

TANK LOCATION 30003 Walnut Orchard Rd.
OCCUPANT OR NAME OF COMPANY Newhall Land & Farm
NAME OF CONTRACTOR Loxquald Systems
PHONE (714) 884-9002 CITY Saugus

FIRE DEPARTMENT APPROVAL TO REMOVE UNDERGROUND TANK(S) WILL BE GRANTED UNDER SECTION 4.101 AND ARTICLE 79 OF THE FIRE CODE UNDER THE FOLLOWING CONDITIONS:

1. This permit shall be obtained from the Fire Department prior to any excavation, transportation, or modification of any underground tank. (FIRE CODE SECTION 4.101) **THIS PERMIT TO BE RETAINED ON JOB SITE DURING TANK REMOVALS.**

2. An additional permit will be required from Los Angeles County Public Works. Additional permits from cities or other agencies may be required. The contractor shall be respondsible for obtaining all required permits. Documentation may be required.

3. Contractors shall insure that **ALL FLAMMABLE LIQUIDS/MATERIALS HAVE BEEN REMOVED FROM TANK(S)** prior to removal.

4. Prior to removal, tanks shall have dump tube removed and then shall be purged of flammable gases by adding crushed dry ice at a ratio of at least one pound per 100 gallon capacity of the tank in accordance with N.F.P.A. HANDBOOK guidelines. **A FLAMMABLE VAPOR DETECTION DEVICE** and a qualified operator in it use shall be required to be on the job site prior to excavation or removal. Tank condition will be monitored using this device and contractor shall demonstrate that vapor concentration inside the tank is not more than **10%** of the lower explosive limit (L.E.L.) of the product prevously in tank. Openings are to be plugged using a pressure-vacuum relief device or other N.F.P.A. approved device.

5. Tanks are to be **LIFTED** out of hole, dragging will not be permitted. Lifting shall be done in a safe manner. Tanks are to be removed from site to a safe holding area on day of removal.

6. No open flames or spark producing equipment within 50 feet of tank or hazardous vapor area shall be permitted. **BE ADVISED THAT THE DRY ICE METHOD IS A TEMPORARY METHOD FOR THE REMOVAL OF VAPORS. ADDITIONAL PRECAUTIONS SHOULD BE TAKEN TO INSURE THAT FLAMMABLE VAPORS ARE COMPLETELY REMOVED BEFORE ANY ADDITIONAL WORK IS DONE TO TANKS AFTER REMOVAL.**

7. The following sequence is recommended to insure prompt and successful removal inspections:

   **FIRST** - Contact **PUBLIC WORKS** and make arrangements for an inspection date and time.
   **NEXT** - Contact the local **FIRE PREVENTION** office (at least **48 HOURS** before removal) and request an inspection compatable with both departments.

8. Complete **VERIFICATION LETTER** (attached) and hand deliver or mail to Local Fire Prevention Inspector.

THIS PERMIT IS NON-TRANSFERABLE AND IS GRANTED UNTIL REVOKED AND IS SUBJECT TO REVOCATION FOR PROPER CAUSE, FOR VIOLATION OF THE FIRE CODE, TITLE 19, OR WHEN NECESSARY FOR PUBLIC SAFETY. NON-COMPLIANCE WITH ANY PROVISION STIPULATED HEREIN CONSTITUTES A VIOLATION.

**I HAVE COMPLETELY READ AND FULLY UNDERSTAND THE FOREGOING FIRE DEPARTMENT REQUIREMENTS AND WARNINGS THAT APPLY TO THIS PERMIT.**

☑ CONTRACTOR COPY W/ VERIFICATION LETTER
☑ FIRE PREV. BUREAU COPY

OWNER/OCCUPANT REPRESENTATIVE

FIRE DEPARTMENT REPRESENTATIVE

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION BUREAU

FORM #718L-TR (REV. 8/86)
DATE 3/24/88

# TANK REMOVAL VERIFICATION LETTER

TANK LOCATION 30003 Walnut Orchard Rd
OCCUPANT OR NAME OF COMPANY Newhall Land + Farm
NAME OF CONTRACTOR Toxguard Systems
PHONE (714) 884-9002 CITY Saugus

1. Approval has been obtained from Public Works and proper permits have been obtained.

2. All liquids/materials have been removed from tank(s) to the best of our ability in accordance with standard practices.

3. As a representative of the above listed contractor, I certify that readings taken with L.E.L. device are in compliance with requirements of Fire Department.

Tank(s) will be removed from job site to a safe holding area on day of tank excavation and removal.

5. Tank(s) removed are listed below:

| TANK TYPE | CAPACITY | IDENTIFICATION |
|---|---|---|
| Steel | 1000 | — |
| Steel | ~~1000~~ 6000 | — |
| Steel | 500 | — |
| | | |

Mark A. Nowak
OWNER/OCCUPANT REPRESENTATIVE

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC000618053
Manifest Document No.:
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: NEW HALL LAND AND FARM 3003 WALNUT ORCHARD Rd
4. Generator's Phone ( ) SAGUS

A. State Manifest Document Number: 8743578
B. State Generator's ID

5. Transporter 1 Company Name: INTERSTATE Pumping Co.
6. US EPA ID Number: CAD981435563
C. State Transporter's ID: 90-98-59
D. Transporter's Phone: 714 597-6484

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: P.R.I. 1835 E 29th Signal Hill CA
10. US EPA ID Number: CAT080011059
G. State Facility's ID: CAT080011059
H. Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) NA-1270 | 001 | TT | 01870 | | State 134; EPA/Other |
| b. | | | | | State; EPA/Other |
| c. | | | | | State; EPA/Other |
| d. | | | | | State; EPA/Other |

J. Additional Descriptions for Materials Listed Above: $H_2O$ 6000 TANK 500 TANK TOTAL 10" 4½" 1000 TANK 5"

K. Handling Codes for Wastes Listed Above: a. R01 b. c. d.

15. Special Handling Instructions and Additional Information: Gloves 2 Goggles

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

| Printed/Typed Name | Signature | Month Day Year |
|---|---|---|
| Mark D Aguirre | [signature] | 10 3 2 4 8 8 |

17. Transporter 1 Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Month Day Year |
|---|---|---|
| RAY WILSON | [signature] | 10 3 2 4 8 8 |

18. Transporter 2 Acknowledgement of Receipt of Materials

| Printed/Typed Name | Signature | Month Day Year |
|---|---|---|
| | | |

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

| Printed/Typed Name | Signature | Month Day Year |
|---|---|---|
| | | |

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-86) Previous editions are obsolete.

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95802

INSTRUCTIONS ON THE BACK

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] | Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
New Page Industries
3003 Walnut Grove Rd

4. Generator's Phone ( ) 3015

A. State Manifest Document Number 87435758

B. State Generator's ID

5. Transporter 1 Company Name [illegible]

6. US EPA ID Number [illegible]

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
PRI
[illegible]

10. US EPA ID Number [illegible]

G. State Facility's ID [illegible]

H. Facility's Phone

| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
|---|---|---|---|---|---|
| a. Waste Combustible Liquid (NOS) | [illegible] | [illegible] | 1/1/3170 | | State 1324 / EPA/Other |
| b. | | | | | State / EPA/Other |
| c. | | | | | State / EPA/Other |
| d. | | | | | State / EPA/Other |

J. Additional Descriptions for Materials Listed Above
HPO [illegible]

K. Handling Codes for Wastes Listed Above
a. R1 b.
c. d.

15. Special Handling Instructions and Additional Information
[illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name | Signature | Month Day Year [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [illegible] | Signature [illegible] | Month Day Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-86) Previous editions are obsolete.

YELLOW: GENERATOR RETAINS

INSTRUCTIONS ON THE BACK

# RESULTS OF PRELIMINARY SUBSURFACE INVESTIGATION OF THE DIESEL STORAGE TANK EXCAVATION AT NEWHALL LAND AND FARMING COMPANY'S WALNUT ORCHARD SITE, NEWHALL, CALIFORNIA

July 8, 1988
L·F 1917

LEVINE·FRICKE

July 8, 1988
L·F 1917

# SITE INVESTIGATION REPORT FOR WALNUT ORCHARD UNDERGROUND DIESEL STORAGE TANK AREA NEWHALL LAND AND FARMING COMPANY NEWHALL, CALIFORNIA

## INTRODUCTION

Newhall Land and Farming Company (NLFC) retained the services of Levine·Fricke to document compliance with Los Angeles County Department of Public Works (DPW) requirements for the closure by removal of four underground storage tanks at their facility in Newhall, California. This work was performed under Phase I of our Work Order No. 1 issued April 22, 1988.

Levine·Fricke personnel obtained soil samples from the floor of the excavations after each tank was removed. Two soil samples were collected from each tank location at a depth of approximately two feet below tank invert, as required by the DPW.

A 6,000 gallon diesel storage tank was removed from the Walnut Orchard site. The soil samples collected from this tank excavation were submitted to a state certified laboratory for chemical analysis by EPA Method 418.1 for total petroleum hydrocarbons (TPH). Laboratory results indicated that the soil sample obtained from the end opposite the tank fill (north end) contained TPH concentrations of 8,800 parts per million (ppm), suggesting that an accidental release had occurred.

A backhoe was initially used to excavate petroleum-affected soils. This work was performed under Phase II of our Work Order No. 1. An odor of pesticides was noted during excavation activities. One representative soil sample (SS-4) was collected at 17 feet below grade and submitted to a state certified analytical laboratory for chemical analysis. This soil sample was analyzed for TPH concentrations by Modified EPA Method 8015 and for priority pollutant pesticides by EPA Method 8080. The results of the chemical analyses confirmed the presence of diesel in the soil at a concentration of 2,500 ppm. No pesticides were detected in the sample.

The excavation was subsequently extended with a larger backhoe to a depth of approximately 23 feet, which was as deep as the equipment could effectively excavate under the site conditions. However, a strong odor and discoloration of the soil were still observed at that depth. It was evident from the field observations that diesel had migrated deeper than the backhoe could reach, and therefore the excavation was terminated.

Since the vertical extent of petroleum-affected soils was not defined by excavation methods, Levine·Fricke recommended drilling a series of soil borings to provide better definition of the lateral and vertical extent of diesel migration. This proposed scope of work was presented in our Work Order No. 2 dated May 31, 1988.

**SOIL SAMPLING**

Three soil borings (B-1, B-2 and B-3) were drilled to estimate the vertical and lateral extent of diesel-affected soils beneath the tank excavation (Figure 2). The first boring (B-1) was located at the northern end of the former tank excavation and was drilled at a 20 degree angle from vertical to a depth of 47 feet below grade (50 feet of auger). The second boring (B-2) was drilled from the eastern side of the excavation at a 20 degree angle from vertical to a depth of 37.6 feet below grade (40 feet of auger). The third boring (B-3) was drilled from the southern side of the excavation at the same angle and to a depth of 37.6 feet. Figure 1 is a plot plan showing the location of the former tank, the excavation outline, and the surface locations, sampling points and terminal locations for the three soil borings.

The soil borings were advanced using 8-inch diameter hollow-stem augers. One soil sample was collected for every five feet of auger advanced, starting at a depth of 5 feet in boring B-1 and 10 feet in borings B-2 and B-3. Blow counts at each sampling interval were recorded for possible geotechnical use. Samples were collected in a 1.5-inch diameter split-spoon sampler lined with clean, stainless steel tubes. Drilling equipment and sampling tools were steam cleaned before use at each boring location. To avoid cross contamination, all sampling equipment was washed with a trisodium phosphate detergent and double-rinsed with deionized water between sampling intervals.

One sample tube from each sampling interval was retained for possible chemical analysis. Both ends of each retained tube were sealed with aluminum foil, plastic caps and polyvinyl tape. The sample tubes were then labeled, placed in a chilled cooler, and

transported to Associated Laboratories of Orange, California. Strict Chain-of-Custody protocol was followed throughout the sample handling process.

The augers were withdrawn from each boring after terminal depth was reached. The borings were sealed by filling them to ground surface with a cement/bentonite grout containing no less than 5 percent bentonite.

**SOIL CONDITIONS**

The unconsolidated sediments encountered in three soil borings (B-1, B-2 and B-3) drilled at the site generally consisted of Sandy Silt (ML) from the land surface to a depth of approximately 11 feet. An increase in sand content (Silty Sand - SM) was encountered between 11 feet and 16 feet. Well graded Sand (SW) with gravel and cobbles was encountered at a depth of approximately 16 to 26 feet. Underlying the well graded sand deposit, Clayey to Silty Sand (SC) was encountered in all three borings. Borings B-2 and B-3 terminated in this horizon. Boring B-1, which extended to a depth of approximately 47 feet, encountered Sandy Silt (ML) at a depth of approximately 41 feet to the maximum depth explored. Free ground water was not encountered in the three borings drilled at this site.

Each soil boring was lithologically logged. The boring logs contain details of the soil conditions encountered during drilling operations and are included in Appendix A.

**LABORATORY ANALYSES AND RESULTS**

Four soil samples per boring were retained for TPH analysis by Modified EPA Method 8015. These samples were selected on the basis of field screening done with a Photovac total ionization photometer (TIP). The lowermost sample from each boring and a sample obtained from boring B-2 at 25 feet were also analyzed for benzene, toluene, xylene and ethyl benzene (BTX&E) by EPA Method 8020.

No detectable concentrations of TPH or BTX&E were reported for any of the samples tested. A copy of the laboratory report is included in Appendix A. Laboratory test results are presented in Table 1.

## CONCLUSIONS

Soil present at the base of the tank excavation can be characterized as well-graded sand and gravelly sand. Chemical analysis of soil samples obtained following the removal of the underground diesel storage tank indicated that diesel fuel was present in the soil at the north end of the excavation in concentrations of up to 8,800 ppm. The highly permeable nature of these sands allowed the diesel to migrate vertically beyond the reach of excavation equipment present at the site. Subsequent borings were drilled to characterize the soil conditions present in the subsurface near the tank excavation, and to define the lateral and vertical limits of diesel-affected soil.

Soil conditions encountered in the soil borings indicate that the gravelly sands extend to a depth of approximately 25 feet below grade. Below that, a less permeable horizon consisting primarily of dense clayey sand was encountered (Figure 2). Chemical analyses revealed that soil samples recovered within this horizon (directly beneath the former tank location) did not contain detectable levels of TPH. Soil samples obtained from the overlying gravelly sand interval adjacent to the tank excavation also contained non-detectable concentrations of TPH.

The absence of detectable hydrocarbons in the soil samples recovered from the soil borings indicates that there was not significant lateral migration of diesel in the soil below the tank. Additionally, vertical migration was apparently limited by the presence of a less permeable horizon encountered at approximately 25 feet below grade. The resulting plume of diesel-affected soil was nearly removed by the soil excavation conducted after the tank removal. Figure 2 is a geologic cross section showing the subsurface conditions encountered in the vicinity of the tank excavation.

## RECOMMENDATIONS

The remaining in-situ diesel-affected soil appears to be limited in vertical and lateral extent. A gradall type excavator or similar equipment can be used to remove this material. Confirmatory soil sampling of the resulting excavation floor will be necessary to document that all of the affected soil has been removed. The excavation should then be backfilled and compacted to 90 percent relative compaction, as determined by ASTM test method 1557D (latest addition).

Excavated soils should be spread over heavy-duty plastic sheeting and allowed to aerate. Periodic sampling of the aerated soil should be conducted until no detectable levels of diesel or associated hydrocarbon constituents are reported. The soil may then be disposed of at a Class III land fill, or possibly be used on-site as fill material.

It is our understanding that the South Coast Air Quality Management District is currently considering placing restrictions on this methodology. We are assuming that the remedial work at this site will be completed before such restrictive measures have been adopted.

**TABLE 1**
**LABORATORY TEST RESULTS FOR SOIL SAMPLES**
**L·F 1917**

| Boring Number | Sample Depth * | EPA Method 8015 | EPA Method 8020 |
|---|---|---|---|
| B-1 | 20 ft. | ND | NA |
| | 25 ft. | ND | NA |
| | 35 ft. | ND | NA |
| | 50 ft. | ND | ND |
| B-2 | 20 ft. | ND | NA |
| | 25 ft. | ND | ND |
| | 30 ft. | ND | NA |
| | 40 ft. | ND | ND |
| B-3 | 20 ft. | ND | NA |
| | 25 ft. | ND | NA |
| | 30 ft. | ND | NA |
| | 40 ft. | ND | ND |

NOTES: ND = Not Detected.
NA = Not Analyzed.
PPM = Parts Per Million.

Detection limits:
EPA 8015: Total Petroleum Hydrocarbons = 10 ppm.
EPA 8020: Benzene = 0.05 ppm;
Toluene = 0.05 ppm;
Ethyl-benzene = 0.1 ppm;
Total Xylenes = 0.1 ppm.

* Sample depths are measured in length of auger, not feet below grade.

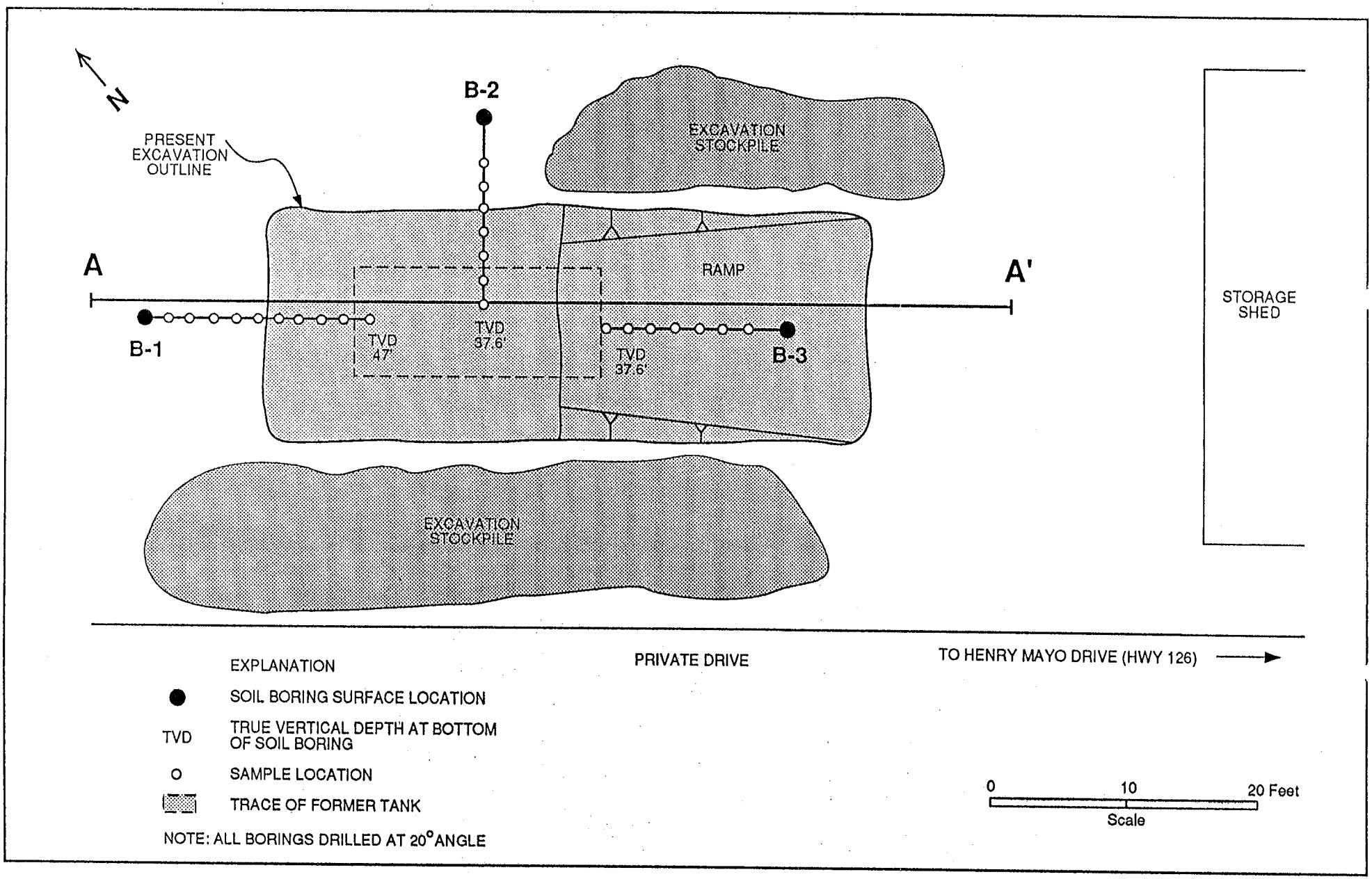


**Figure 1 : PLOT PLAN - NEWHALL LAND & FARMING**

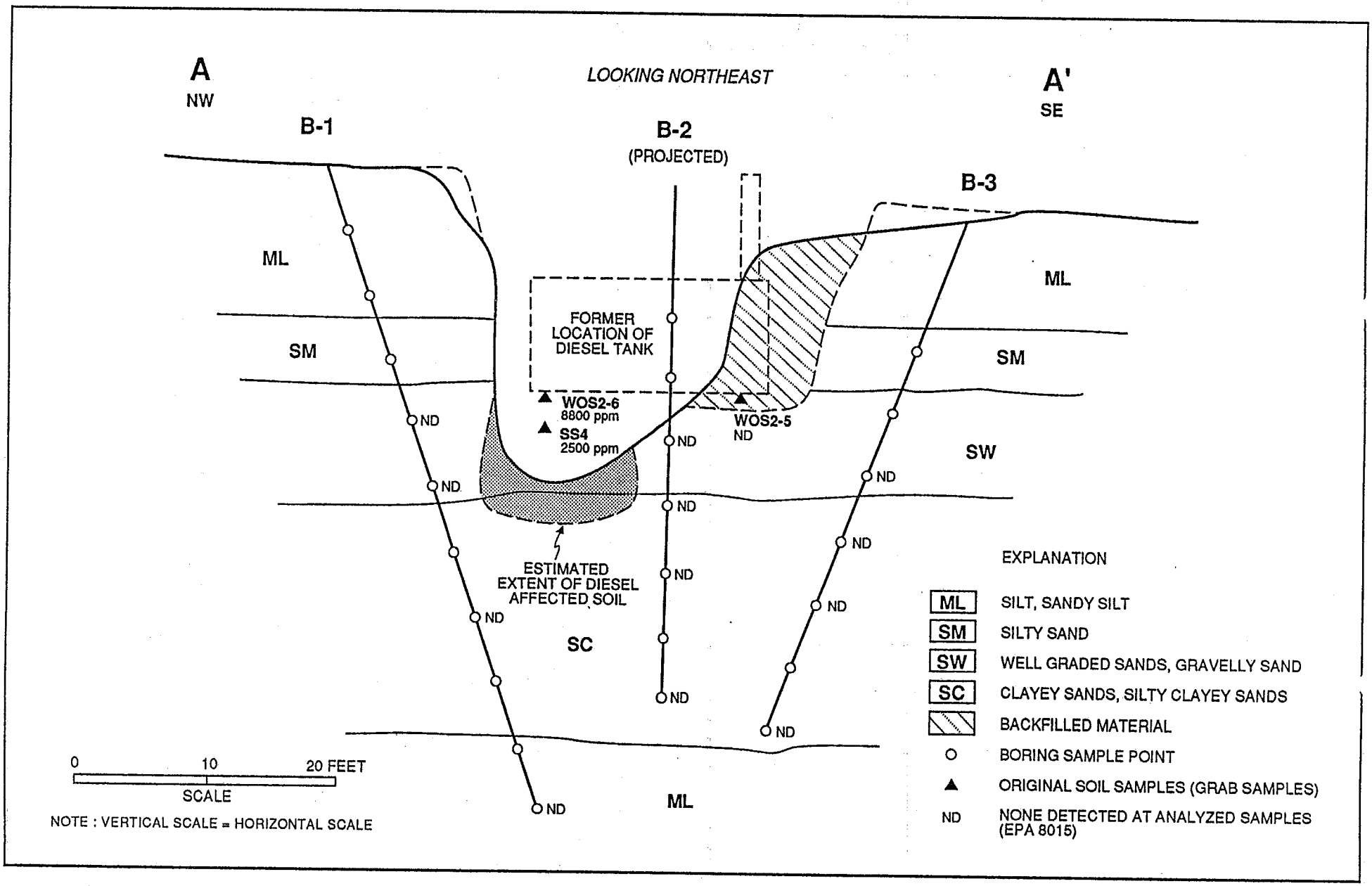


**Figure 2 : GENERALIZED GEOLOGIC CROSS-SECTION A-A'**

Project No. 1917

070888B[ :j.mmk

LEVINE•FRICKE
CONSULTING ENGINEERS HYDROGEOLOGISTS

# A P P E N D I X  A

## SOIL BORING LOGS

| Depth, feet | Graphic Log | LITHOLOGY: Description | SAMPLE DATA: Sample No. and Interval | SAMPLE DATA: Penetration Rate (Blows/ft.) |
|---|---|---|---|---|
| 5 | | SANDY SILT (ML), brown, very fine to fine grained, dry, loose, no odor. | 5 | 14 |
| 10 | | SANDY SILT (ML), brown, very fine to medium grained sand, slightly moist, very loose, no odor. | 10 | 6 |
| 15 | | SANDY SILT (SM), tan, fine to medium grained, slightly moist, moderately dense, poorly graded, no odor. | 15 | 35 |
| 20 | | SAND (SW), tan, coarse grained, gravelly and cobbley, slightly moist, loose, well graded, slight odor. | 20 | 100 |
| 25 | | SAND (SW), brown, fine to coarse grained, well graded, silty to gravelly sand, some clay, moist, dense, slight odor. | 25 | 85 |
| 30 | | SILTY SAND (SM), brown, fine to medium grained, well graded, moist, medium dense, no odor. | 30 | 35 |
| 35 | | | 35 | |

EXPLANATION

- Clay
- Silt
- Sand
- Gravel

Date boring drilled: 06/09/88

Approved by: [signature]

## LITHOLOGY AND SAMPLE DATA FOR SOIL BORING B-1

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS



0617888DC/sc)

| Depth, feet | Graphic Log | LITHOLOGY: Description | Sample No. and Interval | SAMPLE DATA: Penetration Rate (Blows/ft.) |
|---|---|---|---|---|
| | | SILTY-CLAYEY SAND (SC-SM), brown, fine to medium grained, very moist, moderately dense, occasionally slightly plastic, no odor. | | 40 |
| 40 | | SILTY-CLAYEY SAND (SC-SM), brown (mottled), fine grained, moist, moderately dense, occasional lenses are slightly plastic, no odor, very little coarse material, occasional silt nodules. | 40 | 40 |
| 45 | | SANDY SILT (ML), brown/grey only very fine sands represented, very moist, dense, no odor. | 45 | 45 |
| 50 | | SANDY SILT (ML), same as above, only little or no sands, dense, moist. | 50 | 65 |
| 55 | | | 55 | |
| 60 | | | 60 | |
| 65 | | | 65 | |
| 70 | | | 70 | |

Notes: Measured depth to bottom of boring 50'.
No groundwater encountered.
Boring backfilled with cement slurry mix.
Boring drilled at 20° angle.

Date boring drilled: 06/09/88

EXPLANATION

- Clay
- Silt
- Sand
- Gravel

Approved by: B. Cox

## LITHOLOGY AND SAMPLE DATA FOR SOIL BORING B-1

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

| LITHOLOGY | | | SAMPLE DATA | |
|---|---|---|---|---|
| Depth, feet | Graphic Log | Description | Sample No. and Interval | Penetration Rate (Blows/ft.) |
| 5 | | No sample taken. | 5 | |
| 10 | | SILTY SAND (SM), brown, fine to medium grained, slightly moist, moderately dense, no odor. | 10 | 25 |
| 15 | | SILTY SAND (SM), tan, fine to medium grained, slightly moist, moderately dense, no odor. | 15 | 35 |
| 20 | | SAND (SW), tan, fine to coarse grained, well graded, medium pebble and cobble material, slightly moist, loose , no odor. | 20 | 80 |
| 25 | | CLAYEY-SILTY SAND (SC-SM), brown, very fine to coarse and pebbles, sand in clayey/silty matrix, well graded, moist, dense, no odor. | 25 | 45 |
| 30 | | SILTY - CLAYEY SAND (SC), brown, very fine to coarse to pebbles, well graded, moist, dense, no odor. | 30 | 48 |
| 35 | | | 35 | |

EXPLANATION

- Clay
- Silt
- Sand
- Gravel

Date boring drilled: 06/09/88

Approved by: B. Cross

## LITHOLOGY AND SAMPLE DATA FOR SOIL BORING B-2

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

| Depth, feet | Graphic Log | LITHOLOGY Description | SAMPLE DATA Sample No. and Interval | Penetration Rate (Blows/ft.) |
|---|---|---|---|---|
| | | SILTY-CLAYEY SAND (SC), brown, fine grained, moist, dense, no odor, less coarse material (very little present) than 30' sample. | | 52 |
| 40 | | SILTY-CLAYEY SAND (SC-SM), brown, fine to medium grained, moist, dense, no odor. | 40 | 50 |
| 45 | | Notes: Measured depth to bottom of boring 40'. No groundwater encountered. Boring backfilled with cement slurry mix. Boring drilled at 20° angle. | 45 | |
| 50 | | | 50 | |
| 55 | | | 55 | |
| 60 | | | 60 | |
| 65 | | | 65 | |
| 70 | | | 70 | |

EXPLANATION

- Clay
- Silt
- Sand
- Gravel

Date boring drilled: 06/09/88

Approved by:

## LITHOLOGY AND SAMPLE DATA FOR SOIL BORING B-2

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS



061788BDC/scl

| LITHOLOGY | | | SAMPLE DATA | |
|---|---|---|---|---|
| Depth, feet | Graphic Log | Description | Sample No. and Interval | Penetration Rate (Blows/ft.) |
| 5 | | No sample taken. | 5 | |
| 10 | | SILTY SAND (SM), brown, fine to medium grained, slightly moist, moderately dense, no odor. | 10 | 29 |
| 15 | | SAND (SW), fine to coarse grained with pebbles and cobbles, well graded, slightly moist, loose, no odor. | 15 | 75 |
| 20 | | SAND (SW), fine to coarse grained with pebbles and cobbles, more fines than 15' sample, well graded, slightly moist, loose to medium dense, no odor. | 20 | 100 |
| 25 | | SILT (ML), grey/brown, moist, dense, no odor, some sand present. | 25 | 75 |
| 30 | | SILTY - CLAYEY SAND (SC), brown, very fine to coarse with pebbles and cobbles, well graded, moist, very dense, no odor. | 30 | 90 |
| 35 | | | 35 | |

EXPLANATION

- Clay
- Silt
- Sand
- Gravel

Date boring drilled: 06/09/88

Approved by:

## LITHOLOGY AND SAMPLE DATA FOR SOIL BORING B-3

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS



061788BDC/scj

| Depth, feet | Graphic Log | LITHOLOGY: Description | Sample No. and Interval | SAMPLE DATA: Penetration Rate (Blows/ft.) |
|---|---|---|---|---|
| | | SILTY-CLAYEY SAND (SC), brown, very fine to coarse grained (pebbles), well graded, moist, dense, no odor. | | 70 |
| 40 | | SILTY-CLAYEY SAND (SC), same as above, increase in medium sand. | 40 | |
| 45 | | Notes: Measured depth to bottom of boring 40'. No groundwater encountered. Boring backfilled with cement slurry mix. Boring drilled at 20° angle. | 45 | |
| 50 | | | 50 | |
| 55 | | | 55 | |
| 60 | | | 60 | |
| 65 | | | 65 | |
| 70 | | | 70 | |

EXPLANATION

- Clay
- Silt
- Sand
- Gravel

Date boring drilled: 06/09/88

Approved by:

## LITHOLOGY AND SAMPLE DATA FOR SOIL BORING B-3

Project No. 1917

LEVINE•FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

# A P P E N D I X  B

## LABORATORY REPORTS AND COMPLETED CHAIN-OF-CUSTODY FORMS

**Chemical Research Laboratories, Inc.**
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-6370 • FAX: (714)891-5917 • (800)LAB-1CRL

May 10, 1988

LEVINE-FRICKE
4019 Westerly Place, Suite 103
Newport Beach, CA 92660
ATTN: Brad Cross

ANALYSIS NO.: 811916-001
ANALYSES: EPA Method 8015-E, 8080
DATE SAMPLED: 04/28/88
DATE SAMPLE REC'D: 04/28/88
PROJECT: L.F. #1917
Newhall Land and Farming/Serial #2024

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 811916-001 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached. Sample seals were intact.

Verbals for EPA Method 8015-E were given May 2, 1988 at 9:00 a.m. to Ms. Janet Goddicksen.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

RECEIVED

Carol Kimble
REVIEWED

APPROVED

**The Report Cover Letter is an integral part of this report.**
This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

**Chemical Research Laboratories, Inc.**
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-6370 • FAX: (714)891-5917 • (800)LAB-1CRL

# LABORATORY REPORT

LEVINE-FRICKE
4019 Westerly Place, Suite 103
Newport Beach, CA 92660
ATTN: Brad Cross

ANALYSIS NO.: 811916-001
ANALYSES: EPA Method 8015-E
DATE SAMPLED: 04/28/88
DATE SAMPLE REC'D: 04/28/88
DATE ANALYZED: 04/28/88
SAMPLE TYPE: Solid
PROJECT: L.F. #1917
Newhall Land and Farming Serial #2024

| SAMPLE IDENTIFICATION | TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS EPA METHOD 8015-E (mg/kg) |
|---|---|
| SS-4 | 2,500.* |

*Sample chromatogram most closely matched diesel fuel. Quantitation based on diesel standard.

**The Report Cover Letter is an integral part of this report.**
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**Chemical Research Laboratories, Inc.**
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-6370 • FAX: (714)891-5917 • (800)LAB-1CRL

# LABORATORY REPORT

LEVINE-FRICKE
4019 Westerly Place, Suite 103
Newport Beach, CA 92660
ATTN: Brad Cross

Sample ID: SS-4

ANALYSIS NO.: 811916-001
ANALYSES: EPA Method 8080
DATE SAMPLED: 04/28/88
DATE SAMPLE REC'D: 04/28/88
DATE ANALYZED: 05/05/88
SAMPLE TYPE: Solid
PROJECT: L.F. #1917
Newhall Land and Farming/Serial #2024

## EPA METHOD 8080 PRIORITY POLLUTANT PESTICIDE AND AROCLOR

| | (ug/kg) | | (ug/kg) |
|---|---|---|---|
| Alpha-BHC | ND(83.) | Endosulfan Sulfate | ND(170.) |
| Beta-BHC | ND(83.) | 4,4'-DDT | ND(170.) |
| Delta-BHC | ND(83.) | Methoxychlor | ND(830.) |
| Gamma-BHC (Lindane) | ND(83.) | Endrin Ketone | ND(170.) |
| Heptachlor | ND(83.) | Chlordane | ND(830.) |
| Aldrin | ND(83.) | Toxaphene | ND(1700.) |
| Heptachlor Epoxide | ND(83.) | Aroclor-1016 | ND(830.) |
| Endosulfan I | ND(83.) | Aroclor-1221 | ND(830.) |
| Dieldrin | ND(170.) | Aroclor-1232 | ND(830.) |
| 4,4'-DDE | ND(170.) | Aroclor-1242 | ND(830.) |
| Endrin | ND(170.) | Aroclor-1248 | ND(830.) |
| Endosulfan II | ND(170.) | Aroclor-1254 | ND(1700.) |
| 4,4'-DDD | ND(170.) | Aroclor-1260 | ND(1700.) |
| Endrin Aldehyde | ND(170.) | | |

Note: Higher detection limits due to sample matrix.

**The Report Cover Letter is an integral part of this report.**
This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

# CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: L·F # 1917

Field Logbook No.:

Date: 4/28/88

Serial No.: № 2024

Project Name: Newhall Land & Farming

Project Location: Newhall CA

Samplers: Brad Cross

Sampler (Signature): [signature]

| SAMPLES | | | | | | ANALYSES | | | | | | HOLD | RUSH | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NO. | DATE | TIME | LAB SAMPLE NO. | NO. OF CON-TAINERS | SAMPLE TYPE | EPA 601 | EPA 624 | EPA 8015 C32 extract | EPA 8080 | | | | | |
| SS-4 | 4/28 | 10:15 | | 1 | Soil | | | X | X | | | | * | Sample characterization & concentrations (sample was from below suspected diesel tank). Please identify (8015) by fuel type in % i.e. gasoline, diesel, mineral spirits, etc. |
| | | | | | | | | | | | | | | * Please rush 8015 results! normal turnaround on 8080 |

| | | | | | |
|---|---|---|---|---|---|
| RELINQUISHED BY: (Signature) [signature] | DATE 4/28/88 | TIME 4:30 pm | RECEIVED BY: (Signature) Don Burley | DATE 4/28/88 | TIME 4:30 pm |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | DATE | TIME |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | DATE | TIME |
| METHOD OF SHIPMENT: | DATE | TIME | LAB COMMENTS: | | |

SAMPLE COLLECTOR: (check one)

☐ LEVINE·FRICKE
629 Oakland Avenue
Oakland, CA 94611-4567
(415) 652-4500

☒ LEVINE·FRICKE
4019 Westerly Place, Suite 103
Newport Beach, CA 92660
(714) 955-1390

Analytical Laboratory: Chemical Research Laboratories, Inc.

(Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900

CLIENT

Levine-Fricke
4019 Westerly Place
Suite 103
Newport Beach, CA 92660
Attn: Stephen Torres

(2635)

LAB NO F49485-01

REPORTED 06/15/88

SAMPLE Soil

RECEIVED 06/10/88

IDENTIFICATION Newhall Land & Farm, Proj. # 1917

BASED ON SAMPLE As Submitted

| | Total Hydrocarbons (8015) (mg/kg) |
|---|---|
| B-1 @ 20' | ND< 10 |
| B-1 @ 25' | ND< 10 |
| B-1 @ 35' | ND< 10 |
| B-1 @ 50' | ND< 10 |
| B-2 @ 20' | ND< 10 |
| B-2 @ 25' | ND< 10 |
| B-2 @ 30' | ND< 10 |
| B-2 @ 40' | ND< 10 |
| B-3 @ 20' | ND< 10 |
| B-3 @ 25' | ND< 10 |
| B-3 @ 30' | ND< 10 |
| B-3 @ 40' | ND< 10 |

ASSOCIATED LABORATORIES

Edward S. Behare, Ph.D.

ESB/hl

RECEIVED
JUN 20 1988

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical -
Microbiological -
Environmental -

C-1 10M

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900

CLIENT

Levine-Fricke
4019 Westerly Place
Suite 103
Newport Beach, CA 92660
Attn: Stephen Torres

(2635)

LAB NO F49485-02

REPORTED 06/15/88

SAMPLE Soil

RECEIVED 06/10/88

IDENTIFICATION Newhall Land & Farm, Proj. # 1917

BASED ON SAMPLE As Submitted

| | B-1 @ 50' | B-2 @ 25' | B-2 @ 40' | B-3 @ 40' |
|---|---|---|---|---|
| Benzene (mg/kg) | ND < 0.05 | ND < 0.05 | ND < 0.05 | ND < 0.05 |
| Toluene (mg/kg) | ND < 0.05 | ND < 0.05 | ND < 0.05 | ND < 0.05 |
| Ethyl-Benzene (mg/kg) | ND < 0.1 | ND < 0.1 | ND < 0.1 | ND < 0.1 |
| Total Xylenes (8020) (mg/kg) | ND < 0.1 | ND < 0.1 | ND < 0.1 | ND < 0.1 |

ASSOCIATED LABORATORIES

Edward S. Behare, Ph.D.

ESB/hl

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

:-1 10M

# CHAIN OF CUSTODY / ANALYSES REQUEST FORM

| | | | |
|---|---|---|---|
| Project No.: [illegible] | Field Logbook No.: | Date: [illegible] | Serial No.: [illegible] 2026 |
| Project Name: [illegible] | Project Location: [illegible] | | |
| Sampler (Signature): | | | Samplers: [illegible] |

| SAMPLES | | | | | | ANALYSES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NO. | DATE | TIME | LAB SAMPLE NO. | NO. OF CON-TAINERS | SAMPLE TYPE | EPA 601 | EPA 624 | EPA [illegible] | EPA [illegible] | | | HOLD | RUSH | REMARKS |
| [illegible] | [illegible] | | | | [illegible] | | | X | | | | | | |
| [illegible] | | | | | | | | X | | | | | | |
| [illegible] | | | | | | | | X | | | | | | |
| [illegible] | | | | | | | | X | X | | | | | |
| [illegible] | | | | | | | | X | | | | | | |
| [illegible] | | | | | | | | X | X | | | | | |
| [illegible] | | | | | | | | X | | | | | | |
| [illegible] | | | | | | | | X | X | | | | | |
| [illegible] | | | | | | | | X | | | | | | |
| [illegible] | | | | | | | | X | | | | | | |
| [illegible] | | | | | | | | X | | | | | | |
| [illegible] | | | | | | | | X | X | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| RELINQUISHED BY: (Signature) | DATE [illegible] | TIME [illegible] | RECEIVED BY: (Signature) | DATE | TIME |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | DATE | TIME |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | DATE | TIME |
| METHOD OF SHIPMENT: | DATE | TIME | LAB COMMENTS: | | |

SAMPLE COLLECTOR: (check one)

☐ LEVINE·FRICKE
629 Oakland Avenue
Oakland, CA 94611-4567
(415) 652-4500

☒ LEVINE·FRICKE
4019 Westerly Place, Suite 103
Newport Beach, CA 92660
(714) 955-1390

Analytical Laboratory: [illegible]

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. [illegible]

METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 021 [illegible]

# TANK DISPOSAL FORM

Date: 3-29- ,19 88
Job #
P.O. #

CONTRACTOR: TOXGUARD SYSTEMS INC
ADDRESS: 795 S. LUGO AVE SAN BDNO CA 92408
JOB SITE: NEW HAUL LAND & FARM
ADDRESS: 3003 WALNUT ORCHARD RD SAGUS CA.
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

| DATE | TIME | PROJECTED TANKS | ORDERED BY: | LIC. NO. |
|---|---|---|---|---|
| | | | | |

SPECIAL INSTRUCTIONS:

COMMODITY (SPECIFY)

| ✓ Services Rendered | Cost |
|---|---|
| ___ Disposal Fee | 100.00 |
| ___ Extensive Loading Time | 150.00 |
| ___ Disposal Fee with Permit | 250.00 |
| ___ Fiberglass Tank Disposal Fee Per Tank | 200.00 |
| ___ Cancellation Fee | 250.00 |
| ✓ Other Specify DELIVERED | |
| TOTAL CHARGES | $ — |

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

TANKS RECEIVED

| QTY. | GALLONS | TYPE F* | TYPE S* | NET TONS | TOTAL |
|---|---|---|---|---|---|
| | 280 | ☐ | ☐ | .15 | |
| | 500 | ☐ | ☐ | .22 | |
| | 550 | ☐ | ☐ | .25 | |
| | 1000 - 12ft. | ☐ | ☐ | .46 | |
| | 1000 - 6ft. | ☐ | ☐ | .63 | |
| | 1500 | ☐ | ☐ | .90 | |
| | 2000 | ☐ | ☐ | 1.00 | |
| | 2500 | ☐ | ☐ | 1.18 | |
| | 3000 | ☐ | ☐ | 1.36 | |
| | 4000 | ☐ | ☐ | 1.70 | |
| | 5000 | ☐ | ☐ | 2.50 | |
| 1 | 6000 | ☐ | ☑ | ~~2.02~~ | 2.84 |
| | 7500 | ☐ | ☐ | 3.36 | |
| | 8000 | ☐ | ☐ | 3.55 | |
| | 9000 | ☐ | ☐ | 3.94 | |
| | 10000 | ☐ | ☐ | 4.47 | |

| NO. OF TANKS | TOTAL | NET TONS |
|---|---|---|
| 1 | | 2.84 |

*F = FIBERGLASS *S = STEEL 105

**CERTIFICATE OF TANK DISPOSAL/DESTRUCTION**

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

[signature] 3-29-8

AUTHORIZED REP. GENERATOR COPY DATE

CITY OF Saugus

STATION 96 BN 6.

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION BUREAU

FORM #718P-TR (REV. 8/86)

DATE 3/24/88

# TANK REMOVAL PERMIT

TANK LOCATION 30003 Walnut Orchard Rd.

OCCUPANT OR NAME OF COMPANY Newhall Land + Farm

NAME OF CONTRACTOR Loxguald Systems

PHONE (714) 884-9002 CITY Saugus

FIRE DEPARTMENT APPROVAL TO REMOVE UNDERGROUND TANK(S) WILL BE GRANTED UNDER SECTION 4.101 AND ARTICLE 79 OF THE FIRE CODE UNDER THE FOLLOWING CONDITIONS:

1. This permit shall be obtained from the Fire Department prior to any excavation, transportation, or modification of any underground tank. (FIRE CODE SECTION 4.101) **THIS PERMIT TO BE RETAINED ON JOB SITE DURING TANK REMOVALS.**

2. An additional permit will be required from Los Angeles County Public Works. Additional permits from cities or other agencies may be required. The contractor shall be respondsible for obtaining all required permits. Documentation may be required.

3. Contractors shall insure that **ALL FLAMMABLE LIQUIDS/MATERIALS HAVE BEEN REMOVED FROM TANK(S)** prior to removal.

4. Prior to removal, tanks shall have dump tube removed and then shall be purged of flammable gases by adding crushed dry ice at a ratio of at least one pound per 100 gallon capacity of the tank in accordance with N.F.P.A. HANDBOOK guidelines. **A FLAMMABLE VAPOR DETECTION DEVICE** and a qualified operator in it use shall be required to be on the job site prior to excavation or removal. Tank condition will be monitored using this device and contractor shall demonstrate that vapor concentration inside the tank is not more than **10%** of the lower explosive limit (L.E.L.) of the product prevously in tank. Openings are to be plugged using a pressure-vacuum relief device or other N.F.P.A. approved device.

5. Tanks are to be **LIFTED** out of hole, dragging will not be permitted. Lifting shall be done in a safe manner. Tanks are to be removed from site to a safe holding area on day of removal.

6. No open flames or spark producing equipment within 50 feet of tank or hazardous vapor area shall be permitted. **BE ADVISED THAT THE DRY ICE METHOD IS A TEMPORARY METHOD FOR THE REMOVAL OF VAPORS. ADDITIONAL PRECAUTIONS SHOULD BE TAKEN TO INSURE THAT FLAMMABLE VAPORS ARE COMPLETELY REMOVED BEFORE ANY ADDITIONAL WORK IS DONE TO TANKS AFTER REMOVAL.**

7. The following sequence is recommended to insure prompt and successful removal inspections:

   **FIRST** - Contact **PUBLIC WORKS** and make arrangements for an inspection date and time.
   **NEXT** - Contact the local **FIRE PREVENTION** office (at least **48 HOURS** before removal) and request an inspection compatable with both departments.

8. Complete **VERIFICATION LETTER** (attached) and hand deliver or mail to Local Fire Prevention Inspector.

THIS PERMIT IS NON-TRANSFERABLE AND IS GRANTED UNTIL REVOKED AND IS SUBJECT TO REVOCATION FOR PROPER CAUSE, FOR VIOLATION OF THE FIRE CODE, TITLE 19, OR WHEN NECESSARY FOR PUBLIC SAFETY. NON-COMPLIANCE WITH ANY PROVISION STIPULATED HEREIN CONSTITUTES A VIOLATION.

**I HAVE COMPLETELY READ AND FULLY UNDERSTAND THE FOREGOING FIRE DEPARTMENT REQUIREMENTS AND WARNINGS THAT APPLY TO THIS PERMIT.**

☑ CONTRACTOR COPY W/ VERIFICATION LETTER

☐ FIRE PREV. BUREAU COPY

OWNER/OCCUPANT REPRESENTATIVE

FIRE DEPARTMENT REPRESENTATIVE

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION BUREAU

FORM #718L-TR (REV. 8/86)

DATE 3/24/88

# TANK REMOVAL VERIFICATION LETTER

TANK LOCATION 30003 Walnut Orchard Rd

OCCUPANT OR NAME OF COMPANY Marshall Land + Farm

NAME OF CONTRACTOR Toxguard Systems

PHONE (714) 884-9002 CITY Sanguis

1. Approval has been obtained from Public Works and proper permits have been obtained.
2. All liquids/materials have been removed from tank(s) to the best of our ability in accordance with standard practices.
3. As a representative of the above listed contractor, I certify that readings taken with L.E.L. device are in compliance with requirements of Fire Department.
4. Tank(s) will be removed from job site to a safe holding area on day of tank excavation and removal.
5. Tank(s) removed are listed below:

| TANK TYPE | CAPACITY | IDENTIFICATION |
|---|---|---|
| Steel | 1000 | — |
| Steel | ~~10000~~ 6000 | — |
| Steel | 500 | — |
| | | |

Mark R. Moore
OWNER/OCCUPANT REPRESENTATIVE

METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

# TANK DISPOSAL FORM

NO. _____

Date: 3-24- ,19 88
Job #
P.O. #

CONTRACTOR: TOX GUARD SYSTEMS INC
ADDRESS: 795 S. LUGO AVE SAN BDNO, CA, 92408
JOB SITE: NEW HAII FARMS
ADDRESS: 30003 WALNUT ORCHARD RD SAUGUS CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

| DATE | TIME | PROJECTED TANKS | ORDERED BY: | LIC. NO. |
|---|---|---|---|---|
| | | | | |

SPECIAL INSTRUCTIONS: _____

COMMODITY (SPECIFY)

| ✓ | Services Rendered | Cost |
|---|---|---|
| ___ | Disposal Fee | 100.00 |
| ___ | Extensive Loading Time | 150.00 |
| ___ | Disposal Fee with Permit | 250.00 |
| ___ | Fiberglass Tank Disposal Fee Per Tank | 200.00 |
| ___ | Cancellation Fee | 250.00 |
| ✓ | Other Specify DELIVERED | |

TOTAL CHARGES $ —

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

**TANKS RECEIVED**

| QTY. | GALLONS | TYPE F* | TYPE S* | NET TONS | TOTAL |
|---|---|---|---|---|---|
| | 280 | ☐ | ☐ | .15 | |
| 1 | 500 | ☐ | ☑ | ~~.22~~ | .21 |
| | 550 | ☐ | ☐ | .25 | |
| 1 | 1000 - 12ft. | ☐ | ☑ | ~~.48~~ | .44 |
| | 1000 - 6ft. | ☐ | ☐ | .63 | |
| | 1500 | ☐ | ☐ | .90 | |
| | 2000 | ☐ | ☐ | 1.00 | |
| | 2500 | ☐ | ☐ | 1.18 | |
| | 3000 | ☐ | ☐ | 1.36 | |
| | 4000 | ☐ | ☐ | 1.70 | |
| | 5000 | ☐ | ☐ | 2.50 | |
| | 6000 | ☐ | ☐ | 2.92 | |
| | 7500 | ☐ | ☐ | 3.36 | |
| | 8000 | ☐ | ☐ | 3.55 | |
| | 9000 | ☐ | ☐ | 3.94 | |
| | 10000 | ☐ | ☐ | 4.47 | |

NO. OF TANKS: 2 TOTAL NET TONS: .65

*F = FIBERGLASS *S = STEEL 105

**CERTIFICATE OF TANK DISPOSAL/DESTRUCTION**

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

Chris Ramirez
AUTHORIZED REP.

CONTRACTOR COPY

3-24-88
DATE

# TAB 4

# APPENDIX D:

# Annual Asbestos Notifications

File

NEWHALL LAND

(661) 255-4006

August 19, 2002

Terry Amlong
30003 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located: Tan, white & mustard floor tile in kitchen
Material has been encapsulated

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins

Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30003 Walnut Orchard Road House 137 - Tan, White & mustard floor tile in kitchen 200 sq. ft.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Floor Tile**

Abatement Status:

1. The material has been encapsulated X enclosed _____
   neither _____

Assessment:

1. Evidence of physical damage: Yes
2. Evidence of water damage: No
3. Evidence of delamination or other deterioration No
4. Degree of accessibility of the material: 2
5. Degree of activity near the material: 2
6. Location in an air plenum, air shaft or air stream No
7. Other observations (including the condition of the encapsulant or enclosure, if any): MAY New FLOOR

Signed: Elmer J. Arsenn (Evaluator) Date: 8/8/02

C:\WIN\ASBESTOS\O&MFORM 8/98)

4. file

NEWHALL LAND

(661) 255-4006

August 19, 2002

Betty Lee
30027 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located: Old floor tile under floor tiles in kitchen and brick like linoleum in kitchen and laundry.
Both have been encapsulated

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins

Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30027 Walnut Orchard Road House 138 - Old floor tile under floor tiles in kitchen.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Floor Tile**

Abatement Status:

1. The material has been encapsulated X enclosed ____, neither ____ None

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 3
5. Degree of activity near the material: 3
6. Location in an air plenum, air shaft or air stream No
7. Other observations (including the condition of the encapsulant or enclosure, if any):

Signed: Elmer T Arthur (Evaluator) Date: 8/8/02

C:\WIN\ASBESTOS\O&MFORM (8/98)

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30027 Walnut Orchard Road House 138 - Brick like linoleum in kitchen and laundry - 100 sq. ft.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Linoleum**

Abatement Status:

1. The material has been encapsulated ___X___ enclosed _____, neither _____ None

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 3
5. Degree of activity near the material: 3
6. Location in an air plenum, air shaft or air stream No
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: Elmer J. Arsenau (Evaluator) Date: 8/8/02

C:\WIN\ASBESTOS\O&MFORM (8/98)

H. file

NEWHALL LAND

(661) 255-4006

August 19, 2002

Johanna Palmer
30108 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located: Linoleum floor covering in kitchen.
Has been encapsulated

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins

Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30108 Walnut Orchard Road House 142 - Linoleum floor covering in kitchen - new - 100 sq. ft.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Floor Tile**

Abatement Status:

1. The material has been encapsulated ___X___ enclosed _____, neither _____

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: No
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 2
5. Degree of activity near the material: 2
6. Location in an air plenum, air shaft or air stream No
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: Edwin J. [illegible] Date: 8/8/02
(Evaluator)

C:\WIN\ASBESTOS\O&MFORM (8/98)

D. File

NEWHALL LAND

(661) 255-4006

August 19, 2002

Rod Serrano
30116 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located: Yellow, orange & tan floor tile in kitchen.
Material has been enclosed

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins

Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30116 Walnut Orchard Road House 143 - Yellow, orange, tan floor tile in kitchen - 100 sq. ft.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Floor Tile**

Abatement Status:

1. The material has been encapsulated _____ enclosed X, neither _____

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 3
5. Degree of activity near the material: 3
6. Location in an air plenum, air shaft or air stream None
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: [signature] Date: 8/8/02
(Evaluator)

C:\WIN\ASBESTOS\O&MFORM (8/98)

H. file

NEWHALL LAND

(661) 255-4006

August 19, 2002

Craig Barrick
30124 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located: Mustard linoleum in entry & bath
Material has been enclosed

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins

Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30124 Walnut Orchard Road House 144 - Mustard linoleum in entry & bath -50 sq. ft..**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Linoleum**

Abatement Status:

1. The material has been encapsulated _____ enclosed X, neither _____

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 3
5. Degree of activity near the material: 3
6. Location in an air plenum, air shaft or air stream No
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: [signature] (Evaluator) Date: 8-8-02

C:\WIN\ASBESTOS\O&MFORM (8/98)

H. file

NEWHALL LAND

(661) 255-4006

August 19, 2002

Rick Hughey
30132 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located: Floor tile under linoleum in kitchen
Material has been encapsulated

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins

Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30132 Walnut Orchard Road House 145 - Floor Tile under linoleum in kitchen.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe):

Abatement Status:

1. The material has been encapsulated ___X___ enclosed _____, neither _____

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 2
5. Degree of activity near the material: 2
6. Location in an air plenum, air shaft or air stream No
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: Glen T. Arsenau (Evaluator) Date: 8/8/02

C:\WTN\ASBESTOS\O&MFORM (8/98)

H. File

NEWHALL LAND

(661) 255-4006

August 19, 2002

Kevin Hickam
30219 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located:

Patching material under acoustic ceiling in bedrooms, hallway and living room (Material has been encapsulated)
Tan & dark brown flooring in back bathroom (material enclosed)
Tan & brown linoleum in game room (material covered with carpet)

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins

Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30219 Walnut Orchard Road House 147 - Patching material under acoustic ceiling in bedrooms, hallway & living room.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe):

Abatement Status:

1. The material has been encapsulated ___X___ enclosed _____
   neither _____

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 2
5. Degree of activity near the material: 2
6. Location in an air plenum, air shaft or air stream None
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: Edwin T Arsenault (Evaluator) Date: 8/7/02

C:\WIN\ASBESTOS\O&MFORM (9/95)

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30219 Walnut Orchard Road House 147 - Tan & Dark Brown - 70 sq. Ft. - back bathroom.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Linoleum**

Abatement Status:

1. The material has been encapsulated _____ enclosed X
   neither _____

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 3
5. Degree of activity near the material: 3
6. Location in an air plenum, air shaft or air stream No
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: John J. Arrow (Evaluator) Date: 8/8/02

C:\WIN\ASBESTOS\O&MFORM (8/98)

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30219 Walnut Orchard Road House 147 - Tan & Brown linoleum in game room - 200 sq. ft.**
**Also see yellow, tan, brown floor tile referred to @ House 143**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe): **Linoleum**

Abatement Status:

1. The material has been encapsulated X enclosed _____ neither CARPET

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 2
5. Degree of activity near the material: 2
6. Location in an air plenum, air shaft or air stream 20
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: [signature] Date: 8/8/02

C:\WIN\ASBESTOS\O&MFORM (8/98)

4. file

NEWHALL LAND

(661) 255-4006

August 19,2002

Lance Allyn
30234 Walnut Orchard Road
Castaic, CA 91384

Re: Annual Asbestos Notification

We are required by Asbestos Notification Act, California Health and Safety Code Section 25915 et seq, to notify you annually that there are asbestos containing building materials (ACBM) at the building located above, which you lease from us. Our safety consultants, The FPE Group, conducted a survey of all our buildings to locate ACBM and to determine its conditions. Samples were taken of materials suspected of containing asbestos and were analyzed by scientific laboratories. Based on the information we received from FPE, we believe that there is no basis for concern.

The ACBM is located: Floor tile in game room (imitation wood).
Covered with carpeting
Tan & brown linoleum in entry, kitchen & laundry.
Replaced with new flooring

The FPE Group has advised us that asbestos fibers, which have become airborne, have been identified as carcinogens and have been associated with lung disease. The ACBM above is considered to be structurally intact and to have negligible potential for releasing asbestos fibers under normal use. Please do not disturb the ACBM and, if the materials begin to deteriorate, notify *Debbi Hawkins at (661) 255-4006.*

Thank You.

Sincerely,

Debbi Hawkins
Property Manager

THE NEWHALL LAND AND FARMING COMPANY, 23823 VALENCIA BOULEVARD, VALENCIA, CA 91355-2194
TEL 661.255.4000 FAX 661.255.3960 WEBSITE: www.newhall.com

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30234 Walnut Orchard Road House 148 - Floor tile in game room 9" x 9" imitation wood - 120 sq. ft.**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe):**Floor tile**

Abatement Status:

1. The material has been encapsulated X enclosed _____ neither CARPED

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 1
5. Degree of activity near the material: 1
6. Location in an air plenum, air shaft or air stream None
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: [signature] (Evaluator) Date: 8/7/02

C:\WIN\ASBESTOS\O&MFORM (8/98)

# REASSESSMENT OF ASBESTOS-CONTAINING MATERIALS

Location of asbestos-containing materials(s) (address, building, room(s), or general description. Type of asbestos-containing material(s): **30234 Walnut Orchard Road House 148 - Brown & tan linoleum in entry, kitchen and laundry - small brick like pattern as in a few houses**

1. Sprayed- or troweled-on ceilings or walls.
2. Sprayed- or troweled-on structural members.
3. Insulation on pipes, tanks, or boilers.
4. Other (describe):**Linoleum**

Abatement Status:

1. The material has been encapsulated X enclosed _____ neither New FLOOR

Assessment:

1. Evidence of physical damage: None
2. Evidence of water damage: None
3. Evidence of delamination or other deterioration None
4. Degree of accessibility of the material: 1
5. Degree of activity near the material: 1
6. Location in an air plenum, air shaft or air stream None
7. Other observations (including the condition of the encapsulant or enclosure, if any): None

Signed: Ethan J. Arsenio (Evaluator) Date: 8/7/02

C:\WTN\ASBESTOS\O&MFORM (8/98)

# TAB 5

# APPENDIX E:

# Laboratory Report and Chain-of-Custody Documentation

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

Date: May 2, 2005

MAY 0 4 2005

Mr. Russell Cote
BA Environmental
528 State Street
Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

Project: **105034**

Dear Mr. Cote:

The **analytical results** for the soil samples, received by our lab on April 22, 2005, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Jesse Tu, Ph.D.
Laboratory Manager

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G1-A/B/C/D (Composite)**
LAB I.D.: 050422-60,-61,-62,-63 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G2-A/B/C/D (Composite)**
LAB I.D.: 050422-64,-65,-66,-67 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.001 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: OF-G3-A/B/C/D (Composite)
LAB I.D.: 050422-68,-69,-70,-71 (Composite)

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **OF-G4-A/B/C/D (Composite)**
LAB I.D.: 050422-72,-73,-74,-75 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.003 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **OF-G6-A/B/C/D (Composite)**
LAB I.D.: 050422-76,-77,-78,-79 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.008 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **OF-G7-A/B/C/D (Composite)**
LAB I.D.: 050422-80,-81,-82,-83 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.007 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

SAMPLE I.D.: OF-G8-A/B/C/D (Composite)
LAB I.D.: 050422-84,-85,-86,-87 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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SAMPLE I.D.: **OF-G9-A/B/C/D (Composite)**
LAB I.D.: 050422-88,-89,-90,-91 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
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SAMPLE I.D.: **OF-G10-A/B/C/D (Composite)**
LAB I.D.: 050422-92,-93,-94,-95 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **OF-G11-A/B/C/D (Composite)**
LAB I.D.: 050422-96,-97,-98,-99 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
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DATE ANALYZED: 04/26/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: OF-G12-A/B/C/D (Composite)
LAB I.D.: 050422-100,-101,-102,-103 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | 0.002 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **AC-G13-A/B/C/D (Composite)**
LAB I.D.: 050422-104,-105,-106,-107 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.001 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **LC-G14-A/B/C/D (Composite)**
LAB I.D.: 050422-108,-109,-110,-111 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **LC-G15-A/B/C/D (Composite)**
LAB I.D.: 050422-112,-113,-114,-115 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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PROJECT: **105034**
MATRIX: SOIL
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SAMPLE I.D.: **HW-G16-A/B/C/D (Composite)**
LAB I.D.: 050422-116,-117,-118,-119 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G17-A/B/C/D (Composite)**
LAB I.D.: 050422-120,-121,-122,-123 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
...ington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: HW-G18-A/B/C/D (Composite)
LAB I.D.: 050422-124,-125,-126,-127 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | 0.001 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/27/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G19-A/B/C/D (Composite)**
LAB I.D.: 050422-128,-129,-130,-131 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/27/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: HW-G20-A/B/C/D (Composite)
LAB I.D.: 050422-132,-133,-134,-135 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/27/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: HW-G21-A/B/C/D (Composite)
LAB I.D.: 050422-136,-137,-138,-139 (Composite)

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G22-A/B/C/D (Composite)**
LAB I.D.: 050422-140,-141,-142,-143 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G23-A/B/C/D (Composite)**
LAB I.D.: 050422-144,-145,-146,-147 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G24-A/B/C/D (Composite)**
LAB I.D.: 050422-148,-149,-150,-151 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G25-A/B/C/D (Composite)**
LAB I.D.: 050422-152,-153,-154,-155 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26/05
DATE REPORTED: 05/02/05

---

METHOD BLANK FOR LAB I.D.: 050422-60,-61,-62,-63(Composite), 050422-64,-65,-66,-67(Composite), 050422-68,-69,-70,-71(Composite), 050422-72,-73,-74,-75(Composite), 050422-76,-77,-78,-79(Composite), 050422-80,-81,-82,-83(Composite), 050422-84,-85,-86,-87(Composite), 050422-88,-89,-90,-91(Composite), 050422-92,-93,-94,-95(Composite), 050422-96,-97,-98,-99(Composite), 050422-100,-101,-102,-103(Composite), 050422-104,-105,-106,-107(Composite), 050422-108,-109,-110,-111(Composite), 050422-112,-113,-114,-115(Composite), 050422-116,-117,-118,-119(Composite), 050422-120,-121,-122,-123(Composite), 050422-124,-125,-126,-127(Composite), 050422-128,-129,-130,-131(Composite), 050422-132,-133,-134,-135(Composite), 050422-136,-137,-138,-139(Composite), 050422-140,-141,-142,-143(Composite), 050422-144,-145,-146,-147(Composite), 050422-148,-149,-150,-151(Composite), 050422-152,-153,-154,-155(Composite)

---

## Organochlorine Pesticides Analysis
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

# Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# EPA 8081 QA/QC Report

#1

Matrix: **Soil** Date Analyzed: **4/26-4/27/2005**

Unit: mg/Kg

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050422-68~71 MS/MSD**

| Analyte | S.R. | spk conc | MS | %REC | MSD | %REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| Gamma-BHC | 0.000 | 0.050 | 0.0440 | **88%** | 0.0428 | **86%** | **3%** | **0-20%** | **70-130** |
| Aldrin | 0.000 | 0.050 | 0.0441 | **88%** | 0.0426 | **85%** | **3%** | **0-20%** | **70-130** |
| 4,4-DDE | 0.000 | 0.050 | 0.0456 | **91%** | 0.0454 | **91%** | **0%** | **0-20%** | **70-130** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| Gamma-BHC | 0.0050 | 0.00450 | **90%** | **75-125** |
| Aldrin | 0.0050 | 0.00447 | **89%** | **75-125** |
| 4,4-DDE | 0.0050 | 0.00485 | **97%** | **75-125** |
| Dieldrin | 0.0050 | 0.00482 | **96%** | **75-125** |

| Surrogate Recovery | ACP% | %REC | %REC | %REC | %REC | %REC | %REC | %RE |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | | MB | 0422-60~63 | 0422-64~67 | 0422-68~71 | 0422-72~75 | 0422-76~79 | 0422-80~[illegible] |
| Tetra-chloro-meta-xylene | 50-150 | 102% | 103% | 98% | 123% | 100% | 126% | 100% |
| Decachlorobiphenyl | 50-150 | 108% | 100% | 84% | 125% | 102% | 126% | 103% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | 0422-84~87 | 0422-88~91 | 0422-92~95 | 0422-96~99 | 0422-100~103 | 0422-104~107 | 0422-108~111 | 0422-112~115 |
| Tetra-chloro-meta-xylene | 99% | 104% | 103% | 101% | 100% | 129% | 103% | 102% |
| Decachlorobiphenyl | 100% | 98% | 92% | 102% | 100% | 124% | 99% | 92% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|
| **Sample I.D.** | 0422-116~119 | 0422-120~123 | 0422-124~127 | 0422-128~131 | 0422-132~135 | 0422-136~139 |
| Tetra-chloro-meta-xylene | 130% | 101% | 101% | 97% | 96% | 97% |
| Decachlorobiphenyl | 125% | 96% | 99% | 88% | 88% | 89% |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

**Note: *LCS, MS, MSD are in control therefore results are in control.***

**Analyzed and Reviewed By:** KL

**Final Reviewer:** @

# Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# EPA 8081 QA/QC Report

#7

Matrix: **Soil** Date Analyzed: **4/28/2005**

Unit: mg/Kg

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050423-1~4**

| Analyte | S.R. | spk conc | MS | %REC | MSD | %REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| Gamma-BHC | 0.000 | 0.050 | 0.0432 | **86%** | 0.0443 | **89%** | **3%** | **0-20%** | **70-130** |
| Aldrin | 0.000 | 0.050 | 0.0423 | **85%** | 0.0433 | **87%** | **2%** | **0-20%** | **70-130** |
| 4,4-DDE | 0.000 | 0.050 | 0.0454 | **91%** | 0.0455 | **91%** | **0%** | **0-20%** | **70-130** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| Gamma-BHC | 0.0050 | 0.00454 | **91%** | **75-125** |
| Aldrin | 0.0050 | 0.00451 | **90%** | **75-125** |
| 4,4-DDE | 0.0050 | 0.00482 | **96%** | **75-125** |
| Dieldrin | 0.0050 | 0.00466 | **93%** | **75-125** |

| Surrogate Recovery | ACP% | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | | **MB** | 0422-140~143 | 0422-144~147 | 0422-148~151 | 0422-152~155 | 050423-1~4 | 050423-5~8 |
| Tetra-chloro-meta-xylene | 50-150 | 103% | 100% | 101% | 100% | 100% | 102% | 102% |
| Decachlorobiphenyl | 50-150 | 101% | 95% | 96% | 97% | 96% | 97% | 98% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | 050423-9~12 | 050423-13~16 | 050423-17~20 | 050423-21~24 | 050423-25~28 | 050423-29~32 | 050423-33~36 | 050423-37~40 |
| Tetra-chloro-meta-xylene | 100% | 102% | 104% | 101% | 137% | 136% | 96% | 91% |
| Decachlorobiphenyl | 98% | 94% | 95% | 95% | 125% | 128% | 90% | 86% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|
| **Sample I.D.** | 050423-41~44 | 050423-45~48 | 050423-49~52 | | | |
| Tetra-chloro-meta-xylene | 95% | 94% | 93% | | | |
| Decachlorobiphenyl | 88% | 88% | 87% | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

**Note: *LCS, MS, MSD are in control therefore results are in control.***

**Analyzed and Reviewed By:** KL

**Final Reviewer:** _____

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G1-A/B/C/D (Composite)**
LAB I.D.: 050422-60,-61,-62,-63 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G2-A/B/C/D (Composite)**
LAB I.D.: 050422-64,-65,-66,-67 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G3-A/B/C/D (Composite)**
LAB I.D.: 050422-68,-69,-70,-71 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
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DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G4-A/B/C/D (Composite)**
LAB I.D.: 050422-72,-73,-74,-75 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G6-A/B/C/D (Composite)**
LAB I.D.: 050422-76,-77,-78,-79 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
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DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G7-A/B/C/D (Composite)**
LAB I.D.: 050422-80,-81,-82,-83 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G8-A/B/C/D (Composite)**
LAB I.D.: 050422-84,-85,-86,-87 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G9-A/B/C/D (Composite)**
LAB I.D.: 050422-88,-89,-90,-91 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G10-A/B/C/D (Composite)**
LAB I.D.: 050422-92,-93,-94,-95 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G11-A/B/C/D (Composite)**
LAB I.D.: 050422-96,-97,-98,-99 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G12-A/B/C/D (Composite)**
LAB I.D.: 050422-100,-101,-102,-103 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **AC-G13-A/B/C/D (Composite)**
LAB I.D.: 050422-104,-105,-106,-107 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **LC-G14-A/B/C/D (Composite)**
LAB I.D.: 050422-108,-109,-110,-111 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **LC-G15-A/B/C/D (Composite)**
LAB I.D.: 050422-112,-113,-114,-115 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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# LABORATORY REPORT

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G16-A/B/C/D (Composite)**
LAB I.D.: 050422-116,-117,-118,-119 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: **HW-G17-A/B/C/D (Composite)**
LAB I.D.: 050422-120,-121,-122,-123 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.05 |
| Naled | ND | 0.05 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.10 |
| Tetrachlorvinphos (Stirophos) | ND | 0.10 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# Enviro – Chem, Inc.

## LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: HW-G18-A/B/C/D (Composite)
LAB I.D.: 050422-124,-125,-126,-127 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.05 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.10 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G19-A/B/C/D (Composite)**
LAB I.D.: 050422-128,-129,-130,-131 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
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DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: HW-G20-A/B/C/D (Composite)
LAB I.D.: 050422-132,-133,-134,-135 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.05 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.10 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
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DATA REVIEWED AND APPROVED BY:
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G21-A/B/C/D (Composite)**
LAB I.D.: 050422-136,-137,-138,-139 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
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SAMPLE I.D.: **HW-G22-A/B/C/D (Composite)**
LAB I.D.: 050422-140,-141,-142,-143 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G23-A/B/C/D (Composite)**
LAB I.D.: 050422-144,-145,-146,-147 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G24-A/B/C/D (Composite)**
LAB I.D.: 050422-148,-149,-150,-151 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G25-A/B/C/D (Composite)**
LAB I.D.: 050422-152,-153,-154,-155 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25/05
DATE ANALYZED: 04/26-27/05
DATE REPORTED: 05/02/05

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METHOD BLANK FOR LAB I.D.: 050422-60,-61,-62,-63(Composite), 050422-64,-65,-66,-67(Composite), 050422-68,-69,-70,-71(Composite), 050422-72,-73,-74,-75(Composite), 050422-76,-77,-78,-79(Composite), 050422-80,-81,-82,-83(Composite), 050422-84,-85,-86,-87(Composite), 050422-88,-89,-90,-91(Composite), 050422-92,-93,-94,-95(Composite), 050422-96,-97,-98,-99(Composite), 050422-100,-101,-102,-103(Composite), 050422-104,-105,-106,-107(Composite), 050422-108,-109,-110,-111(Composite), 050422-112,-113,-114,-115(Composite), 050422-116,-117,-118,-119(Composite), 050422-120,-121,-122,-123(Composite), 050422-124,-125,-126,-127(Composite), 050422-128,-129,-130,-131(Composite), 050422-132,-133,-134,-135(Composite), 050422-136,-137,-138,-139(Composite), 050422-140,-141,-142,-143(Composite), 050422-144,-145,-146,-147(Composite), 050422-148,-149,-150,-151(Composite), 050422-152,-153,-154,-155(Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

Submitted to:
Enviro-Chem, Inc. Laboratories
Attention: Curtis Desilets
1214 E. Lexington Ave.
Pomona CA 91766
Tel: (909)590-5905 Fax: (909)590-5907

Service ID #: 801-052438
Collected by:
Collected on: 04/21/05

Received: 04/25/05
Extracted: 04/25/05
Tested: 04/26-27/05
Reported: 04/29/05

Sample Description: Soil
Project Description:

## Analysis of Soil Samples

| Component Analyzed | Method | Unit | PQL | Analysis Result 050422-60-63COMP 05-02438-1 | 050422-64-67COMP 05-02438-2 | 050422-68-71COMP 05-02438-3 |
|---|---|---|---|---|---|---|
| ORGANO-PHOSPHORUS | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050422-72-75COMP 05-02438-4 | 050422-76-79COMP 05-02438-5 | 050422-80-83COMP 05-02438-6 |
|---|---|---|---|---|---|---|
| **ORGANO-PHOSPHORUS** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050422-84-87COMP 05-02438-7 | 050422-88-91COMP 05-02438-8 | 050422-92-95COMP 05-02438-9 |
|---|---|---|---|---|---|---|
| **ORGANO-PHOSPHORUS** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050422-96-99COMP 05-02438-10 | 050422-100-103COMP 05-02438-11 | 050422-104-107COMP 05-02438-12 |
|---|---|---|---|---|---|---|
| **ORGANO-PHOSPHORUS** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050422-108-111COMP 05-02438-13 | 050422-112-115COMP 05-02438-14 | 050422-116-119COMP 05-02438-15 |
|---|---|---|---|---|---|---|
| **ORGANO-PHOSPHORUS** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

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# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050422-120-123COMP 05-02438-16 | 050422-124-127COMP 05-02438-17 | 050422-128-131COMP 05-02438-18 |
|---|---|---|---|---|---|---|
| **ORGANO-PHOSPHORUS** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050422-132-135COMP 05-02438-19 | 050422-136-139COMP 05-02438-20 | 050422-140-143COMP 05-02438-21 |
|---|---|---|---|---|---|---|
| **ORGANO-PHOSPHORUS** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

| Component Analysed | Method | Unit | PQL | Analysis Result 050422-144-147COMP 05-02438-22 | 050422-148-151COMP 05-02438-23 | 050422-152-155COMP 05-02438-24 |
|---|---|---|---|---|---|---|
| **ORGANO-PHOSPHORUS** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| AZINPHOS METHYL | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| BOLSTAR (SULPROFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| CHLORPYRIFOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| COUMAPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| DEMETON-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DEMETON-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DIAZINON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DICHLORVOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| DISULFOTON | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| ETHOPROP | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENSULFOTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| FENTHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MERPHOS | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| METHYL PARATHION | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| MEVINPHOS | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| NALED | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| PHORATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| RONNEL | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TETRACHLORVINPHOS (STIROPHOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TOKUTHION (PROTHIOFOS) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| TRICHLORONATE | 8141A | µg/kg | 50 | <50 | <50 | <50 |

PQL: Practical Quantitation Limit. MDL: Method Detection Limit. CRDL: Contract Required Detection Limit

N.D.: Not Detected or less than the practical quantitation limit. "-": Analysis is not required.

J: Reported between PQL and MDL.

Listed Dilution Factors (DF) are relative to the method default DF. All unlisted DFs are 1.0

Respectfully submitted,

Dominic Lau
Laboratory Director
Applied P & CH Laboratories

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G1-A/B/C/D (Composite)**
LAB I.D.: 050422-60,-61,-62,-63 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: OF-G2-A/B/C/D (Composite)
LAB I.D.: 050422-64,-65,-66,-67 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
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DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G3-A/B/C/D (Composite)**
LAB I.D.: 050422-68,-69,-70,-71 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G4-A/B/C/D (Composite)**
LAB I.D.: 050422-72,-73,-74,-75 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
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DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G6-A/B/C/D (Composite)**
LAB I.D.: 050422-76,-77,-78,-79 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G7-A/B/C/D (Composite)**
LAB I.D.: 050422-80,-81,-82,-83 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G8-A/B/C/D (Composite)**
LAB I.D.: 050422-84,-85,-86,-87 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G9-A/B/C/D (Composite)**
LAB I.D.: 050422-88,-89,-90,-91 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G10-A/B/C/D (Composite)**
LAB I.D.: 050422-92,-93,-94,-95 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G11-A/B/C/D (Composite)**
LAB I.D.: 050422-96,-97,-98,-99 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
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DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G12-A/B/C/D (Composite)**
LAB I.D.: 050422-100,-101,-102,-103 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **AC-G13-A/B/C/D (Composite)**
LAB I.D.: 050422-104,-105,-106,-107 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: **105034**
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---

SAMPLE I.D.: **LC-G14-A/B/C/D (Composite)**
LAB I.D.: 050422-108,-109,-110,-111 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **LC-G15-A/B/C/D (Composite)**
LAB I.D.: 050422-112,-113,-114,-115 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G16-A/B/C/D (Composite)**
LAB I.D.: 050422-116,-117,-118,-119 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G17-A/B/C/D (Composite)**
LAB I.D.: 050422-120,-121,-122,-123 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G18-A/B/C/D (Composite)**
LAB I.D.: 050422-124,-125,-126,-127 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G19-A/B/C/D (Composite)**
LAB I.D.: 050422-128,-129,-130,-131 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G20-A/B/C/D (Composite)**
LAB I.D.: 050422-132,-133,-134,-135 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HW-G21-A/B/C/D (Composite)**
LAB I.D.: 050422-136,-137,-138,-139 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G22-A/B/C/D (Composite)**
LAB I.D.: 050422-140,-141,-142,-143 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G23-A/B/C/D (Composite)**
LAB I.D.: 050422-144,-145,-146,-147 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G24-A/B/C/D (Composite)**
LAB I.D.: 050422-148,-149,-150,-151 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HW-G25-A/B/C/D (Composite)**
LAB I.D.: 050422-152,-153,-154,-155 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/21/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/22/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

---

METHOD BLANK FOR LAB I.D.: 050422-60,-61,-62,-63(Composite), 050422-64,-65,-66,-67(Composite), 050422-68,-69,-70,-71(Composite), 050422-72,-73,-74,-75(Composite), 050422-76,-77,-78,-79(Composite), 050422-80,-81,-82,-83(Composite), 050422-84,-85,-86,-87(Composite), 050422-88,-89,-90,-91(Composite), 050422-92,-93,-94,-95(Composite), 050422-96,-97,-98,-99(Composite), 050422-100,-101,-102,-103(Composite), 050422-104,-105,-106,-107(Composite), 050422-108,-109,-110,-111(Composite), 050422-112,-113,-114,-115(Composite), 050422-116,-117,-118,-119(Composite), 050422-120,-121,-122,-123(Composite), 050422-124,-125,-126,-127(Composite), 050422-128,-129,-130,-131(Composite), 050422-132,-133,-134,-135(Composite), 050422-136,-137,-138,-139(Composite), 050422-140,-141,-142,-143(Composite), 050422-144,-145,-146,-147(Composite), 050422-148,-149,-150,-151(Composite), 050422-152,-153,-154,-155(Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

# Analysis: EPA 8151A

#1

Matrix: **SOIL** Date Analyzed: **4/29/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050426-18**

| Analyte | S.R. | spk conc | MS | % REC | MSD | % REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 0 | 0.050 | 0.044 | **89%** | 0.040 | **80%** | **10%** | **0-20%** | **50-150** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| 2,4,5-T | 0.050 | 0.042 | 84% | **70-130** |
| 2,4,5-TP | 0.050 | 0.041 | 81% | **70-130** |
| 2,4-DB | 0.500 | 0.401 | 80% | **70-130** |

**ırrogate Recovery:**

| Analyte | spk conc | ACP % | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | | | M-BLK | 050426-18 | 050427-4 | 050427-7 | 050427-10 | 050427-13 | 0422-60~63 |
| DCAA | 0.20 | 50-150 | 89% | 98% | 92% | 88% | 86% | 86% | 88% |

| Analyte | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | 0422-64~67 | 0422-68~71 | 0422-72~75 | 0422-76~79 | 0422-80~83 | | | | |
| DCAA | 97% | 90% | 95% | 88% | 98% | | | | |

| Analyte | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|
| **Sample ID:** | | | | | |
| DCAA | | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

**Analyzed and Reviewed By:** KL

**. .nal Reviewer:** [signature]

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

# Analysis: EPA 8151A

#2

Matrix: **SOIL**

Unit: **mg/Kg (PPM)**

Date Analyzed: **4/29-4/30/2005**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050422-60~63**

| Analyte | S.R. | spk conc | MS | % REC | MSD | % REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 0 | 0.050 | 0.043 | **86%** | 0.042 | **83%** | **4%** | **0-20%** | **50-150** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| 2,4,5-T | 0.050 | 0.043 | 85% | **70-130** |
| 2,4,5-TP | 0.050 | 0.041 | 81% | **70-130** |
| 2,4-DB | 0.500 | 0.425 | 85% | **70-130** |

**Surrogate Recovery:**

| Analyte | spk conc | ACP % | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | | | M-BLK | 0422-84~87 | 0422-88~91 | 0422-92~95 | 0422-96~99 | 0422-100~103 | 0422-104~107 |
| DCAA | 0.20 | 50-150 | 91% | 97% | 91% | 93% | 90% | 94% | 94% |

| Analyte | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | 0422-108~111 | 0422-112~115 | 0422-116~119 | 0422-120~123 | 0422-124~127 | 0422-128~131 | 0422-132~135 | 0422-136~139 | 0422-140~143 |
| DCAA | 93% | 92% | 96% | 95% | 92% | 82% | 90% | 85% | 89% |

| Analyte | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|
| **Sample ID:** | 0422-144~147 | 0422-148~151 | 0422-152~155 | | |
| DCAA | 98% | 87% | 94% | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

**Analyzed and Reviewed By:** KL

**Final Reviewer:** _____

**Enviro-Ch[illegible], Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OF-G1-A | 050422-60 | 4-21-05 | | SOIL | 1 | X | ICE | X | X | X | | | | | | | 050422-60→-63 comp |
| OF-G1-B | -61 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G1-C | -62 | | | | 1 | | | X | X | X | | | | | | | into |
| OF-G1-D | -63 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| OF-G2-A | -64 | | | | 1 | | | X | X | X | | | | | | | 050422-64→67 comp |
| OF-G2-B | -65 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G2-C | -66 | | | | 1 | | | X | X | X | | | | | | | into |
| OF-G2-D | -67 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| OF-G3-A | -68 | | | | 1 | | | X | X | X | | | | | | | 050422-68→71 comp |
| OF-G3-B | -69 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G3-C | -70 | | | | 1 | | | X | X | X | | | | | | | into |
| OF-G3-D | -71 | | | | 1 | | | X | X | X | | | | | | | 1 sample |

**Analysis Required**

| | | |
|---|---|---|
| Company Name: Building Analytics | Project Contact: Russell Cote | Sampler's Signature: Russell Cote |
| Address: 528 State St | Tel: (818) 500-1898 | Project Name/ID: 105034 |
| City/State/Zip: Glendale CA 91203 | Fax: (818) 246-8195 | |

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cote | Received by: [signature] | Date & Time: 4/22/05 1300 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/22/05 1800 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OF-G4-A | 080422-72 | 4-21-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 080422-72→75 comp Composite |
| OF-G4-B | -73 | | | | 1 | | | X | X | X | | | | | | | |
| OF-G4-C | -74 | | | | 1 | | | X | X | X | | | | | | | into 1 sample |
| OF-G4-D | -75 | | | | 1 | | | X | X | X | | | | | | | |
| OF-G6-A | -76 | | | | 1 | | | X | X | X | | | | | | | 080422-76→79 comp Composite |
| OF-G6-B | -77 | | | | 1 | | | X | X | X | | | | | | | |
| OF-G6-C | -78 | | | | 1 | | | X | X | X | | | | | | | into 1 sample |
| OF-G6-D | -79 | | | | 1 | | | X | X | X | | | | | | | |
| OF-G7-A | -80 | | | | 1 | | | X | X | X | | | | | | | 080422-80→83 comp Composite |
| OF-G7-B | -81 | | | | 1 | | | X | X | X | | | | | | | |
| OF-G7-C | -82 | | | | 1 | | | X | X | X | | | | | | | into 1 sample |
| OF-G7-D | -83 | | | | 1 | | | X | X | X | | | | | | | |

**Analysis Required**

Company Name: Building Analytics
Address: 528 State St
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cole
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: Russell Cole
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cole | Received by: [illegible] | Date & Time: 4/22/05 1300 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [illegible] | Received by: [illegible] | Date & Time: 4/22/05 1800 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
~~0~~ 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| OF-G8-A | 050422-84 | 4-21-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 050422-84→87 comp |
| OF-G8-B | -85 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G8-C | -86 | | | | 1 | | | X | X | X | | | | | | | into |
| OF-G8-D | -87 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| OF-G9-A | -88 | | | | 1 | | | X | X | X | | | | | | | 050422-88→91 comp |
| OF-G9-B | -89 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G9-C | -90 | | | | 1 | | | X | X | X | | | | | | | into 1 |
| OF-G9-D | -91 | | | | 1 | | | X | X | X | | | | | | | Sample |
| OF-G10-A | -92 | | | | 1 | | | X | X | X | | | | | | | 050422-92→95 comp |
| OF-G10-B | -93 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G10-C | -94 | | | | 1 | | | X | X | X | | | | | | | into 1 |
| OF-G10-D | -95 | | | | 1 | | | X | X | X | | | | | | | Sample |

Company Name: Building Analytics
Address: 528 State St
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 800-1898
Fax: (818) 246-8195

Sampler's Signature: Russell Cote
Project Name/ID: 105034

| Relinquished by: | Received by: | Date & Time: |
|---|---|---|
| Russell Cote | [illegible] | 4/22/05 1300 |
| [illegible] | [illegible] | 4/22/05 1800 |
| | | |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

**CHAIN OF CUSTODY RECORD**

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OF-G11-A | 050422-96 | 4-21-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 050422-96→99 cmp |
| OF-G11-B | -97 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G11-C | -98 | | | | 1 | | | X | X | X | | | | | | | into 1 sample |
| OF-G11-D | -99 | | | | 1 | | | X | X | X | | | | | | | |
| OF-G12-A | -100 | | | | 1 | | | X | X | X | | | | | | | 050422-100→103 cmp |
| OF-G12-B | -101 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G12-C | -102 | | | | 1 | | | X | X | X | | | | | | | 1 into 1 |
| OF-G12-D | -103 | | | | 1 | | | X | X | X | | | | | | | Sample |
| ~~AC-13-A~~ | | | | | | | | | | | | | | | | | |
| AC-G13-A | -104 | | | | 1 | | | X | X | X | | | | | | | 050422-104→107 cmp |
| AC-G13-B | -105 | | | | 1 | | | X | X | X | | | | | | | Composite |
| AC-G13-C | -106 | | | | 1 | | | X | X | X | | | | | | | 1 into |
| AC-G13-D | -107 | | | | 1 | | | X | X | X | | | | | | | 1 sample |

Analysis Required

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cole
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: Russell Cole
Project Name/ID: 105034

| Relinquished by: | Received by: | Date & Time: |
|---|---|---|
| Russell Cole | [illegible] | 4/22/05 1300 |
| [illegible] | [illegible] | 4/22/05 1800 |
| | | |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-C. n, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LC-G14-A | 050422-108 | 4-21-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 050422-108→111 comp |
| LC-G14-B | -109 | | | | 1 | | | X | X | X | | | | | | | Composite |
| CC-G14-C | -110 | | | | 1 | | | X | X | X | | | | | | | into 1 sample |
| LC-G14-D | -111 | | | | 1 | | | X | X | X | | | | | | | |
| LC-G15-A | -112 | | | | 1 | | | X | X | X | | | | | | | 050422-112→115 comp |
| LC-G15-B | -113 | | | | 1 | | | X | X | X | | | | | | | Composit |
| LC-G15-C | -114 | | | | 1 | | | X | X | X | | | | | | | into 1 sample |
| LC-G15-D | -115 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G16-A | -116 | | | | 1 | | | X | X | X | | | | | | | 050422-116→119 comp |
| HW-G16-B | -117 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HW-G16-C | -118 | | | | 1 | | | X | X | X | | | | | | | into 1 sample |
| HW-G16-D | -119 | | | | 1 | | | X | X | X | | | | | | | |

Analysis Required

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cate
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: Russell Cate
Project Name/ID: 105034

| Relinquished by: | Received by: | Date & Time: |
|---|---|---|
| Russell Cate | [illegible] | 4/22/05 1300 |
| [illegible] | [illegible] | 4/22/05 1800 |
| | | |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| HW-G17-A | 050422-120 | 4-21-05 | | Soil | 1 | | ICE | X | X | X | | | | | | | 050422-120→123 cmp Composite into 1 sample |
| HW-G17-B | -121 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G17-C | -122 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G17-D | -123 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G18-A | -124 | | | | 1 | | | X | X | X | | | | | | | 050422-124→127 cmp Composite into 1 sample |
| HW-G18-B | -125 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G18-C | -126 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G18-D | -127 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G19-A | -128 | | | | 1 | | | X | X | X | | | | | | | 050422-128→131 cmp Composite into 1 sample |
| HW-G19-B | -129 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G19-C | -130 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G19-D | -131 | | | | 1 | | | X | X | X | | | | | | | |

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: Russell Cote
Project Name/ID: 105034

Relinquished by: Russell Cote
Relinquished by:
Relinquished by:

Received by:
Received by:
Received by:

Date & Time: 4/22/05 1300
Date & Time: 4/22/05 1800
Date & Time:

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
0 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | CAM | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HW-G20-A | 050422-132 | 4-21-05 | | Soil | 1 | | ICE | X | X | X | | | | | | | 050422-132→135 Comp |
| HW-G20-B | -133 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HW-G20-C | -134 | | | | 1 | | | X | X | X | | | | | | | into 1 Sample |
| HW-G20-D | -135 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G21-A | -136 | | | | 1 | | | X | X | X | | | | | | | 050422-136→139 Comp |
| HW-G21-B | -137 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HW-G21-C | -138 | | | | 1 | | | X | X | X | | | | | | | into 1 Sample |
| HW-G21-D | -139 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G22-A | -140 | | | | 1 | | | X | X | X | | | | | | | 050422-140→143 Comp |
| HW-G22-B | -141 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HW-G22-C | -142 | | | | 1 | | | X | X | X | | | | | | | into 1 Sample |
| HW-G22-D | -143 | | | | 1 | | | X | X | X | | | | | | | |

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cate
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature:
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: | Received by: | Date & Time: 4/22/05 1300 | Instructions for Sample Storage After Analysis: |
| Relinquished by: | Received by: | Date & Time: 4/22/05 1800 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

**CHAIN OF CUSTODY RECORD**

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| HW-G23-A | 050422-144 | 4-21-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 050422-144→147 cmp Composite & Analyzed as 1 sample |
| HW-G23-B | -145 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G23-C | -146 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G23-D | -147 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G24-A | -148 | | | | 1 | | | X | X | X | | | | | | | 050422-148→151 cmp Composite & Analyzed as 1 sample |
| HW-G24-B | -149 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G24-C | -150 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G24-D | -151 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G25-A | -152 | | | | 1 | | | X | X | X | | | | | | | 050422-152→155 cmp Composite & Analyzed as 1 sample |
| HW-G25-B | -153 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G25-C | -154 | | | | 1 | | | X | X | X | | | | | | | |
| HW-G25-D | -155 | | | | 1 | | | X | X | X | | | | | | | |

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cole
Tel: (818) 500-1898
Fax: (818) 246-8155

Sampler's Signature: Russell Cole
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cole | Received by: [illegible] | Date & Time: 4/22/05 1300 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [illegible] | Received by: [illegible] | Date & Time: 4/23/05 (8:00) | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

**CHAIN OF CUST DY RECORD**

Date:

WHITE WITH SAMPLE, YELLOW TO CLIENT

8 of 8

**Enviro – Chem, Inc.**
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

MAY 0 4 2005

Date: May 2, 2005

Mr. Russell Cote
BA Environmental
528 State Street
Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

Project: **105034**

Dear Mr. Cote:

The **analytical results** for the soil samples, received by our lab on April 23, 2005, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Jesse Tu, Ph.D.
Laboratory Manager

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **OF-G5-A/B/C/D (Composite)**
LAB I.D.: 050423-1,-2,-3,-4 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G26-A/B/C/D (Composite)**
LAB I.D.: 050423-5,-6,-7,-8 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-G27-A/B/C/D (Composite)
LAB I.D.: 050423-9,-10,-11,-12 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-G28-A/B/C/D (Composite)
LAB I.D.: 050423-13,-14,-15,-16 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
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SAMPLE I.D.: **MW-G29-A/B/C/D (Composite)**
LAB I.D.: 050423-17,-18,-19,-20 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
MATRIX: SOIL
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DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-G30-A/B/C/D (Composite)
LAB I.D.: 050423-21,-22,-23,-24 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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PROJECT: **105034**
MATRIX: SOIL
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SAMPLE I.D.: **MW-G31-A/B/C/D (Composite)**
LAB I.D.: 050423-25,-26,-27,-28 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G32-A/B/C/D (Composite)**
LAB I.D.: 050423-29,-30,-31,-32 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G33-A/B/C/D (Composite)**
LAB I.D.: 050423-33,-34,-35,-36 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.001 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G34-A/B/C/D (Composite)**
LAB I.D.: 050423-37,-38,-39,-40 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | 0.001 | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.002 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
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DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-G35-A/B/C/D (Composite)
LAB I.D.: 050423-41,-42,-43,-44 (Composite)

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.005 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G36-A/B/C/D (Composite)**
LAB I.D.: 050423-45,-46,-47,-48 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.001 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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DATA REVIEWED AND APPROVED BY: _____
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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
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SAMPLE I.D.: **MW-G37-A/B/C/D (Composite)**
LAB I.D.: 050423-49,-50,-51,-52 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.008 | 0.001 |
| 4,4'-DDT | 0.006 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: MW-G38-A/B/C/D (Composite)
LAB I.D.: 050423-53,-54,-55,-56 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X10*) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
* = PQL RAISED DUE TO MATRIX INTERFERENCE
ND = NON-DETECTED OR BELOW THE PQL

---

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G39-A/B/C/D (Composite)**
LAB I.D.: 050423-57,-58,-59,-60 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.003 | 0.001 |
| 4,4'-DDT | 0.004 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-G40-A/B/C/D (Composite)
LAB I.D.: 050423-61,-62,-63,-64 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.005 | 0.001 |
| 4,4'-DDT | 0.001 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G41-A/B/C/D (Composite)**
LAB I.D.: 050423-65,-66,-67,-68 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.004 | 0.001 |
| 4,4'-DDT | 0.003 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
MATRIX: SOIL
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SAMPLE I.D.: MW-G42-A/B/C/D (Composite)
LAB I.D.: 050423-69,-70,-71,-72 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.007 | 0.001 |
| 4,4'-DDT | 0.003 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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MATRIX: SOIL
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SAMPLE I.D.: HC-G43-A/B/C/D (Composite)
LAB I.D.: 050423-77,-78,-79,-80 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.009 | 0.001 |
| 4,4'-DDT | 0.002 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
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DATE REPORTED: 05/02/05

SAMPLE I.D.: HC-G44-A/B/C/D (Composite)
LAB I.D.: 050423-81,-82,-83,-84 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.001 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
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SAMPLE I.D.: **HC-G45-A/B/C/D (Composite)**
LAB I.D.: 050423-85,-86,-87,-88 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.002 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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SAMPLE I.D.: **HC-G46-A/B/C/D (Composite)**
LAB I.D.: 050423-89,-90,-91,-92 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.002 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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SAMPLE I.D.: **HC-G47-A/B/C/D (Composite)**
LAB I.D.: 050423-93,-94,-95,-96 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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SAMPLE I.D.: **HC-G48-A/B/C/D (Composite)**
LAB I.D.: 050423-97,-98,-99,-100 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-G49-A/B/C/D (Composite)**
LAB I.D.: 050423-101,-102,-103,-104 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G50-A/B/C/D (Composite)**
LAB I.D.: 050423-105,-106,-107,-108 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G51-A/B/C/D (Composite)**
LAB I.D.: 050423-109,-110,-111,-112 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.001 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G52-A/B/C/D (Composite)**
LAB I.D.: 050423-113,-114,-115,-116 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.001 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **CC-G53-A/B/C/D (Composite)**
LAB I.D.: 050423-117,-118,-119,-120 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# Enviro – Chem, Inc.

## LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-AT1
LAB I.D.: 050423-121

### Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL (X10*) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
* = PQL RAISED DUE TO MATRIX INTERFERENCE
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: [signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-AT2**
LAB I.D.: 050423-122

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28/05
DATE REPORTED: 05/02/05

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METHOD BLANK FOR LAB I.D.: 050423-1,-2,-3,-4(Composite), 050423-5,-6,-7,-8(Composite), 050423-9,-10,-11,-12(Composite), 050423-13,-14,-15,-16(Composite), 050423-17,-18,-19,-20(Composite), 050423-21,-22,-23,-24(Composite), 050423-25,-26,-27,-28(Composite), 050423-29,-30,-31,-32(Composite), 050423-33,-34,-35,-36(Composite), 050423-37,-38,-39,-40(Composite), 050423-41,-42,-43,-44(Composite), 050423-45,-46,-47,-48(Composite), 050423-49,-50,-51,-52(Composite), 050423-53,-54,-55,-56(Composite), 050423-57,-58,-59,-60(Composite), 050423-61,-62,-63,-64(Composite), 050423-65,-66,-67,-68(Composite), 050423-69,-70,-71,-72(Composite), 050423-77,-78,-79,-80(Composite), 050423-81,-82,-83,-84(Composite), 050423-85,-86,-87,-88(Composite), 050423-89,-90,-91,-92(Composite), 050423-93,-94,-95,-96(Composite), 050423-97,-98,-99,-100(Composite), 050423-101,-102,-103,-104(Composite), 050423-105,-106,-107,-108(Composite), 050423-109,-110,-111,-112(Composite), 050423-113,-114,-115,-116(Composite), 050423-117,-118,-119,-120(Composite), 050423-121, 050423-122

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## Organochlorine Pesticides Analysis
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

# Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# EPA 8081 QA/QC Report

Matrix: **Soil** Date Analyzed: **4/28/2005**

Unit: mg/Kg

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.:** **050423-1~4**

| Analyte | S.R. | spk conc | MS | %REC | MSD | %REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| Gamma-BHC | 0.000 | 0.050 | 0.0432 | **86%** | 0.0443 | **89%** | **3%** | **0-20%** | **70-130** |
| Aldrin | 0.000 | 0.050 | 0.0423 | **85%** | 0.0433 | **87%** | **2%** | **0-20%** | **70-130** |
| 4,4-DDE | 0.000 | 0.050 | 0.0454 | **91%** | 0.0455 | **91%** | **0%** | **0-20%** | **70-130** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| Gamma-BHC | 0.0050 | 0.00454 | **91%** | **75-125** |
| Aldrin | 0.0050 | 0.00451 | **90%** | **75-125** |
| 4,4-DDE | 0.0050 | 0.00482 | **96%** | **75-125** |
| Dieldrin | 0.0050 | 0.00466 | **93%** | **75-125** |

| rogate Recovery | ACP% | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | | MB | 0422-140~143 | 0422-144~147 | 0422-148~151 | 0422-152~155 | 050423-1~4 | 050423-5~8 |
| Tetra-chloro-meta-xylene | 50-150 | 103% | 100% | 101% | 100% | 100% | 102% | 102% |
| Decachlorobiphenyl | 50-150 | 101% | 95% | 96% | 97% | 96% | 97% | 98% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | 050423-9~12 | 050423-13~16 | 050423-17~20 | 050423-21~24 | 050423-25~28 | 050423-29~32 | 050423-33~36 | 050423-37~40 |
| Tetra-chloro-meta-xylene | 100% | 102% | 104% | 101% | 137% | 136% | 96% | 91% |
| Decachlorobiphenyl | 98% | 94% | 95% | 95% | 125% | 128% | 90% | 86% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|
| **Sample I.D.** | 050423-41~44 | 050423-45~48 | 050423-49~52 | 050423-53~56 | 050423-57~60 | |
| Tetra-chloro-meta-xylene | 95% | 94% | 93% | 101% | 105% | |
| Decachlorobiphenyl | 88% | 88% | 87% | 76% | 94% | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = *Surrogate fail due to matrix interference (If Marked)*

**Note:** ***LCS, MS, MSD are in control therefore results are in control.***

**Analyzed and Reviewed By:** KL

**l Reviewer:** (R)

# Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# EPA 8081 QA/QC Report

Matrix: **Soil** Date Analyzed: **4/28-4/29/2005**

Unit: mg/Kg

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050429-LCS 1/2**

| Analyte | S.R. | spk conc | MS | %REC | MSD | %REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| Gamma-BHC | 0.000 | 0.050 | 0.0436 | **87%** | 0.0446 | **89%** | **2%** | **0-20%** | **70-130** |
| Aldrin | 0.000 | 0.050 | 0.0440 | **88%** | 0.0440 | **88%** | **0%** | **0-20%** | **70-130** |
| 4,4-DDE | 0.000 | 0.050 | 0.0420 | **84%** | 0.0455 | **91%** | **8%** | **0-20%** | **70-130** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| Gamma-BHC | 0.0050 | 0.00480 | **96%** | **75-125** |
| Aldrin | 0.0050 | 0.00475 | **95%** | **75-125** |
| 4,4-DDE | 0.0050 | 0.00503 | **101%** | **75-125** |
| Dieldrin | 0.0050 | 0.00488 | **98%** | **75-125** |

| Surrogate Recovery | ACP% | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | | MB | 0423-61~64 | 0423-65~68 | 0423-69~72 | 0423-77~80 | 0423-81~84 | 0423-85~88 |
| Tetra-chloro-meta-xylene | 50-150 | 103% | 105% | 102% | 102% | 103% | 102% | 101% |
| Decachlorobiphenyl | 50-150 | 100% | 102% | 100% | 97% | 100% | 100% | 99% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | 0423-89~92 | 0423-93~96 | 0423-97~100 | 0423-101~104 | 0423-105~108 | 0423-109~112 | 0423-113~116 | 0423-117~120 |
| Tetra-chloro-meta-xylene | 101% | 100% | 101% | 101% | 125% | 95% | 98% | 94% |
| Decachlorobiphenyl | 100% | 100% | 101% | 101% | 122% | 85% | 86% | 61% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|
| **Sample I.D.** | 0423-121 | 0423-122 | | | | |
| Tetra-chloro-meta-xylene | 107% | 95% | | | | |
| Decachlorobiphenyl | 100% | 76% | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

**Note: *LCS, MS, MSD are in control therefore results are in control.***

**Analyzed and Reviewed By:** ALW

**Final Reviewer:** [illegible]

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **OF-G5-A/B/C/D (Composite)**
LAB I.D.: 050423-1,-2,-3,-4 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G26-A/B/C/D (Composite)**
LAB I.D.: 050423-5,-6,-7,-8 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G27-A/B/C/D (Composite)**
LAB I.D.: 050423-9,-10,-11,-12 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G28-A/B/C/D (Composite)**
LAB I.D.: 050423-13,-14,-15,-16 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
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# LABORATORY REPORT

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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: MW-G29-A/B/C/D (Composite)
LAB I.D.: 050423-17,-18,-19,-20 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
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# LABORATORY REPORT

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G30-A/B/C/D (Composite)**
LAB I.D.: 050423-21,-22,-23,-24 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
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DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G31-A/B/C/D (Composite)**
LAB I.D.: 050423-25,-26,-27,-28 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G32-A/B/C/D (Composite)**
LAB I.D.: 050423-29,-30,-31,-32 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G33-A/B/C/D (Composite)**
LAB I.D.: 050423-33,-34,-35,-36 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G34-A/B/C/D (Composite)**
LAB I.D.: 050423-37,-38,-39,-40 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G35-A/B/C/D (Composite)**
LAB I.D.: 050423-41,-42,-43,-44 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G36-A/B/C/D (Composite)**
LAB I.D.: 050423-45,-46,-47,-48 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-G37-A/B/C/D (Composite)
LAB I.D.: 050423-49,-50,-51,-52 (Composite)

## Organophosphorus Pesticides Analysis
Method: EPA 8141A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G38-A/B/C/D (Composite)**
LAB I.D.: 050423-53,-54,-55,-56 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G39-A/B/C/D (Composite)**
LAB I.D.: 050423-57,-58,-59,-60 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G40-A/B/C/D (Composite)**
LAB I.D.: 050423-61,-62,-63,-64 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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CUSTOMER: **BA Environmental**
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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G41-A/B/C/D (Composite)**
LAB I.D.: 050423-65,-66,-67,-68 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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CUSTOMER: BA Environmental
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PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

SAMPLE I.D.: MW-G42-A/B/C/D (Composite)
LAB I.D.: 050423-69,-70,-71,-72 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G43-A/B/C/D (Composite)**
LAB I.D.: 050423-77,-78,-79,-80 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: HC-G44-A/B/C/D (Composite)
LAB I.D.: 050423-81,-82,-83,-84 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
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ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
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DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G45-A/B/C/D (Composite)**
LAB I.D.: 050423-85,-86,-87,-88 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G46-A/B/C/D (Composite)**
LAB I.D.: 050423-89,-90,-91,-92 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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PROJECT: **105034**
MATRIX: SOIL
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DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G47-A/B/C/D (Composite)**
LAB I.D.: 050423-93,-94,-95,-96 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G48-A/B/C/D (Composite)**
LAB I.D.: 050423-97,-98,-99,-100 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: HC-G49-A/B/C/D (Composite)
LAB I.D.: 050423-101,-102,-103,-104 (Composite)

## Organophosphorus Pesticides Analysis
Method: EPA 8141A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.05 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.10 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G50-A/B/C/D (Composite)**
LAB I.D.: 050423-105,-106,-107,-108 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-G51-A/B/C/D (Composite)**
LAB I.D.: 050423-109,-110,-111,-112 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

SAMPLE I.D.: HC-G52-A/B/C/D (Composite)
LAB I.D.: 050423-113,-114,-115,-116 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: CC-G53-A/B/C/D (Composite)
LAB I.D.: 050423-117,-118,-119,-120 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-AT1**
LAB I.D.: 050423-121

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-AT2**
LAB I.D.: 050423-122

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/25-26/05
DATE ANALYZED: 04/27-28/05
DATE REPORTED: 05/02/05

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METHOD BLANK FOR LAB I.D.: 050423-1,-2,-3,-4(Composite), 050423-5,-6,-7,-8(Composite), 050423-9,-10,-11,-12(Composite), 050423-13,-14,-15,-16(Composite), 050423-17,-18,-19,-20(Composite), 050423-21,-22,-23,-24(Composite), 050423-25,-26,-27,-28(Composite), 050423-29,-30,-31,-32(Composite), 050423-33,-34,-35,-36(Composite), 050423-37,-38,-39,-40(Composite), 050423-41,-42,-43,-44(Composite), 050423-45,-46,-47,-48(Composite), 050423-49,-50,-51,-52(Composite), 050423-53,-54,-55,-56(Composite), 050423-57,-58,-59,-60(Composite), 050423-61,-62,-63,-64(Composite), 050423-65,-66,-67,-68(Composite), 050423-69,-70,-71,-72(Composite), 050423-77,-78,-79,-80(Composite), 050423-81,-82,-83,-84(Composite), 050423-85,-86,-87,-88(Composite), 050423-89,-90,-91,-92(Composite), 050423-93,-94,-95,-96(Composite), 050423-97,-98,-99,-100(Composite), 050423-101,-102,-103,-104(Composite), 050423-105,-106,-107,-108(Composite), 050423-109,-110,-111,-112(Composite), 050423-113,-114,-115,-116(Composite), 050423-117,-118,-119,-120(Composite), 050423-121, 050423-122

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## Organophosphorus Pesticides Analysis
## Method: EPA 8141A
## Unit: Mg/Kg = Milligram Per Kilogram = PPM

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

Submitted to:
Enviro-Chem, Inc. Laboratories
Attention: Curtis Desilets
1214 E. Lexington Ave.
Pomona CA 91766
Tel: (909)590-5905 Fax: (909)590-5907

Service ID #: 801-052439
Collected by:
Collected on: 04/22/05

Received: 04/25/05
Extracted: 04/25-26/05
Tested: 04/27-28/05
Reported: 05/02/05

Sample Description: Soil
Project Description:

## Analysis of Soil Samples

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-1-4 COMP 05-02439-1 | 050423-5-8 COMP 05-02439-2 | 050423-9-12 COMP 05-02439-3 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-121 05-02439-4 | 050423-122 05-02439-5 | 050423-13-16 COMP 05-02439-6 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | 14J | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-17-20 COMP 05-02439-7 | 050423-21-24 COMP 05-02439-8 | 050423-25-28 COMP 05-02439-9 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

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# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-29-32 COMP 05-02439-10 | 050423-33-36 COMP 05-02439-11 | 050423-37-40 COMP 05-02439-12 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-41-44 COMP 05-02439-13 | 050423-45-48 COMP 05-02439-14 | 050423-49-52 COMP 05-02439-15 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

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# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-53-56 COMP 05-02439-16 | 050423-57-60 COMP 05-02439-17 | 050423-61-64 COMP 05-02439-18 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-65-68 COMP 05-02439-19 | 050423-69-72 COMP 05-02439-20 | 050423-77-80 COMP 05-02439-21 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

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# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-81-84 COMP 05-02439-22 | 050423-85-88 COMP 05-02439-23 | 050423-89-92 COMP 05-02439-24 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-93-96 COMP 05-02439-25 | 050423-97-100 COMP 05-02439-26 | 050423-101-104 COMP 05-02439-27 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND | ND |

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# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-105-108 COMP 05-02439-28 | 050423-109-112 COMP 05-02439-29 |
|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | |
| Dilution Factor | | | | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND |
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-113-116 COMP 05-02439-30 | 050423-117-120 COMP 05-02439-31 |
|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | |
| Dilution Factor | | | | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | ND | ND |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | ND | ND |
| Chlorpyrifos | 8141A | µg/kg | 50 | ND | ND |
| Coumaphos | 8141A | µg/kg | 100 | ND | ND |
| Demeton-O | 8141A | µg/kg | 50 | ND | ND |
| Demeton-S | 8141A | µg/kg | 50 | ND | ND |
| Diazinon | 8141A | µg/kg | 50 | ND | ND |
| Dichlorvos | 8141A | µg/kg | 50 | ND | ND |
| Disulfoton | 8141A | µg/kg | 50 | ND | ND |
| Ethoprop | 8141A | µg/kg | 50 | ND | ND |

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# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050423-113-116 COMP 05-02439-30 | 050423-117-120 COMP 05-02439-31 |
|---|---|---|---|---|---|
| Fensulfothion | 8141A | µg/kg | 50 | ND | ND |
| Fenthion | 8141A | µg/kg | 50 | ND | ND |
| Merphos | 8141A | µg/kg | 50 | ND | ND |
| Methyl Parathion | 8141A | µg/kg | 50 | ND | ND |
| Mevinphos | 8141A | µg/kg | 100 | ND | ND |
| Naled | 8141A | µg/kg | 100 | ND | ND |
| Phorate | 8141A | µg/kg | 50 | ND | ND |
| Ronnel | 8141A | µg/kg | 50 | ND | ND |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | ND | ND |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | ND | ND |
| Trichloronate | 8141A | µg/kg | 50 | ND | ND |

PQL: Practical Quantitation Limit. MDL: Method Detection Limit. CRDL: Contract Required Detection Limit

N.D.: Not Detected or less than the practical quantitation limit. "-": Analysis is not required.

J: Reported between PQL and MDL.

Listed Dilution Factors (DF) are relative to the method default DF. All unlisted DFs are 1.0

Respectfully submitted,

Dominic Lau
Laboratory Director
Applied P & CH Laboratories

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: OF-G5-A/B/C/D (Composite)
LAB I.D.: 050423-1,-2,-3,-4 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G26-A/B/C/D (Composite)**
LAB I.D.: 050423-5,-6,-7,-8 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G27-A/B/C/D (Composite)**
LAB I.D.: 050423-9,-10,-11,-12 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G28-A/B/C/D (Composite)**
LAB I.D.: 050423-13,-14,-15,-16 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G29-A/B/C/D (Composite)**
LAB I.D.: 050423-17,-18,-19,-20 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G30-A/B/C/D (Composite)**
LAB I.D.: 050423-21,-22,-23,-24 (Composite)

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G31-A/B/C/D (Composite)**
LAB I.D.: 050423-25,-26,-27,-28 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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# LABORATORY REPORT

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528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G32-A/B/C/D (Composite)**
LAB I.D.: 050423-29,-30,-31,-32 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: MW-G33-A/B/C/D (Composite)
LAB I.D.: 050423-33,-34,-35,-36 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
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DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G34-A/B/C/D (Composite)**
LAB I.D.: 050423-37,-38,-39,-40 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
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DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G35-A/B/C/D (Composite)**
LAB I.D.: 050423-41,-42,-43,-44 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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# LABORATORY REPORT

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Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G36-A/B/C/D (Composite)**
LAB I.D.: 050423-45,-46,-47,-48 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G37-A/B/C/D (Composite)**
LAB I.D.: 050423-49,-50,-51,-52 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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# LABORATORY REPORT

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Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G38-A/B/C/D (Composite)**
LAB I.D.: 050423-53,-54,-55,-56 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G39-A/B/C/D (Composite)**
LAB I.D.: 050423-57,-58,-59,-60 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G40-A/B/C/D (Composite)**
LAB I.D.: 050423-61,-62,-63,-64 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **MW-G41-A/B/C/D (Composite)**
LAB I.D.: 050423-65,-66,-67,-68 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-G42-A/B/C/D (Composite)**
LAB I.D.: 050423-69,-70,-71,-72 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

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CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-G43-A/B/C/D (Composite)**
LAB I.D.: 050423-77,-78,-79,-80 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

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---

SAMPLE I.D.: **HC-G44-A/B/C/D (Composite)**
LAB I.D.: 050423-81,-82,-83,-84 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G45-A/B/C/D (Composite)**
LAB I.D.: 050423-85,-86,-87,-88 (Composite)

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**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-G46-A/B/C/D (Composite)**
LAB I.D.: 050423-89,-90,-91,-92 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-G47-A/B/C/D (Composite)**
LAB I.D.: 050423-93,-94,-95,-96 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: HC-G48-A/B/C/D (Composite)
LAB I.D.: 050423-97,-98,-99,-100 (Composite)

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**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G49-A/B/C/D (Composite)**
LAB I.D.: 050423-101,-102,-103,-104 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G50-A/B/C/D (Composite)**
LAB I.D.: 050423-105,-106,-107,-108 (Composite)

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**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

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SAMPLE I.D.: **HC-G51-A/B/C/D (Composite)**
LAB I.D.: 050423-109,-110,-111,-112 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-G52-A/B/C/D (Composite)**
LAB I.D.: 050423-113,-114,-115,-116 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **CC-G53-A/B/C/D (Composite)**
LAB I.D.: 050423-117,-118,-119,-120 (Composite)

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

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| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **MW-AT1**
LAB I.D.: 050423-121

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/02/05

---

SAMPLE I.D.: **HC-AT2**
LAB I.D.: 050423-122

---

**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/02/05

---

**METHOD BLANK FOR LAB I.D.: 050423-1,-2,-3,-4(Composite), 050423-5,-6,-7,-8(Composite), 050423-9,-10,-11,-12(Composite), 050423-13,-14,-15,-16(Composite), 050423-17,-18,-19,-20(Composite), 050423-21,-22,-23,-24(Composite), 050423-25,-26,-27,-28(Composite), 050423-29,-30,-31,-32(Composite), 050423-33,-34,-35,-36(Composite), 050423-37,-38,-39,-40(Composite), 050423-41,-42,-43,-44(Composite), 050423-45,-46,-47,-48(Composite), 050423-49,-50,-51,-52(Composite), 050423-53,-54,-55,-56(Composite), 050423-57,-58,-59,-60(Composite)**

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/22/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/23/05
DATE EXTRACTED: 04/26-29/05
DATE ANALYZED: 04/30-05/01/05
DATE REPORTED: 05/02/05

---

**METHOD BLANK FOR LAB I.D.: 050423-61,-62,-63,-64(Composite), 050423-65,-66,-67,-68(Composite), 050423-69,-70,-71,-72(Composite), 050423-77,-78,-79,-80(Composite), 050423-81,-82,-83,-84(Composite), 050423-85,-86,-87,-88(Composite), 050423-89,-90,-91,-92(Composite), 050423-93,-94,-95,-96(Composite), 050423-97,-98,-99,-100(Composite), 050423-101,-102,-103,-104(Composite), 050423-105,-106,-107,-108(Composite), 050423-109,-110,-111,-112(Composite), 050423-113,-114,-115,-116(Composite), 050423-117,-118,-119,-120(Composite), 050423-121**

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

**METHOD BLANK REPORT**

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034** DATE RECEIVED: 04/23/05
MATRIX: SOIL DATE EXTRACTED: 04/26-29/05
DATE SAMPLED: 04/22/05 DATE ANALYZED: 05/01/05
REPORT TO: MR. RUSSELL COTE DATE REPORTED: 05/02/05

---

**METHOD BLANK FOR LAB I.D.: 050423-121, 050423-122**

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**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

# Analysis: EPA 8151A

Matrix: **SOIL** Date Analyzed: **4/30-5/1/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050423-13~16**

| Analyte | S.R. | spk conc | MS | % REC | MSD | % REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 0 | 0.050 | 0.042 | **83%** | 0.042 | **84%** | **0%** | **0-20%** | **50-150** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| 2,4,5-T | 0.050 | 0.045 | 91% | **70-130** |
| 2,4,5-TP | 0.050 | 0.043 | 85% | **70-130** |
| 2,4-DB | 0.500 | 0.453 | 91% | **70-130** |

**Surrogate Recovery:**

| Analyte | spk conc | ACP % | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | | | M-BLK | 0423-1~4 | 0423-5~8 | 0423-9~12 | 0423-13~16 | 0423-17~20 | 0423-21~24 |
| DCAA | 0.20 | 50-150 | 83% | 97% | 95% | 95% | 94% | 97% | 99% |

| Analyte | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | 0423-25~28 | 0423-29~32 | 0423-33~36 | 0423-37~40 | 0423-41~44 | 0423-45~48 | 0423-49~52 | 0423-53~56 | 0423-57~60 |
| DCAA | 96% | 91% | 90% | 93% | 90% | 90% | 91% | 90% | 94% |

| Analyte | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|
| **Sample ID:** | 0423-61~64 | 0423-65~68 | 0423-69~72 | 0423-77~80 | 0423-81~84 |
| DCAA | 100% | 95% | 95% | 96% | 95% |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

**Analyzed and Reviewed By:** KL

**Final Reviewer:** CR

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

# Analysis: EPA 8151A

Matrix: **SOIL** Date Analyzed: **5/1/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050428-10**

| Analyte | S.R. | spk conc | MS | % REC | MSD | % REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 0 | 0.050 | 0.043 | 86% | 0.043 | 86% | 0% | 0-20% | 50-150 |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| 2,4,5-T | 0.050 | 0.042 | 85% | 70-130 |
| 2,4,5-TP | 0.050 | 0.041 | 82% | 70-130 |
| 2,4-DB | 0.500 | 0.416 | 83% | 70-130 |

**Surrogate Recovery:**

| Analyte | spk conc | ACP % | M-BLK | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | | | M-BLK | 0423-85~88 | 0423-89~92 | 0423-93~96 | 0423-97~100 | 0423-101~104 | 0423-105~108 |
| DCAA | 0.20 | 50-150 | 89% | 95% | 97% | 100% | 96% | 100% | 97% |

| Analyte | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | 0423-109~112 | 0423-113~116 | 0423-117~120 | 050423-121 | 050423-122 | 050428-10 | | | |
| DCAA | 95% | 98% | 96% | 101% | 97% | 92% | | | |

| Analyte | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|
| **Sample ID:** | | | | | |
| DCAA | | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

**Analyzed and Reviewed By:** KL

**Final Reviewer:**

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| OF-G5-A | 050423-1 | 4-22-05 | | SOIL | 1 x 4oz | | ICE | X | X | X | | | | | | | 050423-1→4 comp |
| OF-G5-B | -2 | | | | 1 | | | X | X | X | | | | | | | Composite |
| OF-G5-C | -3 | | | | 1 | | | X | X | X | | | | | | | into |
| OF-G5-D | -4 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| mw-G26-A | -5 | | | | 1 | | | X | X | X | | | | | | | 050423-5→8 comp |
| mw-G26-B | -6 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G26-C | -7 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G26-D | -8 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| mw-G27-A | -9 | | | | 1 | | | X | X | X | | | | | | | 050423-9→12 comp |
| mw-G27-B | -10 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G27-C | -11 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G27-D | -12 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: [signature]
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0815 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0900 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Ch , Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mw-G28-A | 050423-13 | 4-22-05 | | Soil | 1 x 40z | | Ice | X | X | X | | | | | | | 050423-13→16 comp |
| mw-G28-B | -14 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G28-C | -15 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G28-D | -16 | | | | 1 | | | X | X | X | | | | | | | 1 Sample |
| | | | | | | | | | | | | | | | | | |
| mw-G29-A | -17 | | | | 1 | | | X | X | X | | | | | | | 050423-17→20 comp |
| mw-G29-B | -18 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G29-C | -19 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G29-D | -20 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| mw-G30-A | -21 | | | | 1 | | | X | X | X | | | | | | | 050423-21→24 comp |
| mw-G30-B | -22 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G30-C | -23 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G30-D | -24 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |

Misc.

**Analysis Required**

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: [signature]
Project Name/ID: 105034

| | | |
|---|---|---|
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0815 |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0900 |
| Relinquished by: | Received by: | Date & Time: |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mw-G31-A | 050423-25 | 4-22-05 | | SOIL | | 1 4°C | ICE | X | X | X | | | | | | | 050423-25→28 comp |
| mw-G31-B | -26 | | | | | 1 | | X | X | X | | | | | | | Composite |
| mw-G31-C | -27 | | | | | 1 | | X | X | X | | | | | | | into |
| mw-G31-D | -28 | | | | | 1 | | X | X | X | | | | | | | 1 Sample |
| | | | | | | | | | | | | | | | | | |
| mw-G32-A | -29 | | | | | 1 | | X | X | X | | | | | | | 050423-29→32 comp |
| mw-G32-B | -30 | | | | | 1 | | X | X | X | | | | | | | Composite |
| mw-G32-C | -31 | | | | | 1 | | X | X | X | | | | | | | into |
| mw-G32-D | -32 | | | | | 1 | | X | X | X | | | | | | | 1 Sample |
| | | | | | | | | | | | | | | | | | |
| mw-G33-A | -33 | | | | | 1 | | X | X | X | | | | | | | 050423-33→36 comp |
| mw-G33-B | -34 | | | | | 1 | | X | X | X | | | | | | | Composite |
| mw-G33-C | -35 | | | | | 1 | | X | X | X | | | | | | | into |
| mw-G33-D | -36 | | | | | 1 | | X | X | X | | | | | | | 1 Sample |
| | | | | | | | | | | | | | | | | | |

Company Name: Building Analytics
Address: 528 Shte St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1894
Fax: (818) 246-8195

Sampler's Signature: Russell Cote
Project Name/ID: 105034

| Relinquished by: | Received by: | Date & Time: |
|---|---|---|
| Russell Cote | [illegible] | 4/23/05 0815 |
| [illegible] | [illegible] | 4/23/05 0900 |
| | | |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mw-G34-A | 050423-37 | 4-22-05 | | SOIL | 1 | X 4°C | ICE | X | X | X | | | | | | | 050423-37→40 cmp Composite into 1 sample |
| mw-G34-B | -38 | | | | 1 | | | X | X | X | | | | | | | |
| mw-G34-C | -39 | | | | 1 | | | X | X | X | | | | | | | |
| mw-G34-D | -40 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| mw-G35-A | -41 | | | | 1 | | | X | X | X | | | | | | | 050423-41→44 cmp Composite into 1 sample |
| mw-G35-B | -42 | | | | 1 | | | X | X | X | | | | | | | |
| mw-G35-C | -43 | | | | 1 | | | X | X | X | | | | | | | |
| mw-G35-D | -44 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| mw-G36-A | -45 | | | | 1 | | | X | X | X | | | | | | | 050423-45→48 cmp Composite into 1 sample |
| mw-G36-B | -46 | | | | 1 | | | X | X | X | | | | | | | |
| mw-G36-C | -47 | | | | 1 | | | X | X | X | | | | | | | |
| mw-G36-D | -48 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Analysis Required

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1898
Fax: (818) 246-8155

Sampler's Signature: Russell Cote
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cote | Received by: [illegible] | Date & Time: 4/23/05 0815 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [illegible] | Received by: [illegible] | Date & Time: 4/23/05 0900 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| MW-G37-A | 050423-49 | 4-22-05 | | SOIL | 1 X 40z | | ICE | X | X | X | | | | | | | 050423-49-52 comp |
| MW-G37-B | -50 | | | | 1 | | | X | X | X | | | | | | | Composite |
| MW-G37-C | -51 | | | | 1 | | | X | X | X | | | | | | | into |
| MW-G37-D | -52 | | | | 1 | | | X | X | X | | | | | | | 1 Sample |
| | | | | | | | | | | | | | | | | | |
| MW-G38-A | -53 | | | | 1 | | | X | X | X | | | | | | | 050423-53-56 comp |
| MW-G38-B | -54 | | | | 1 | | | X | X | X | | | | | | | Composite |
| MW-G38-C | -55 | | | | 1 | | | X | X | X | | | | | | | into |
| MW-G38-D | -56 | | | | 1 | | | X | X | X | | | | | | | 1 Sample |
| | | | | | | | | | | | | | | | | | |
| MW-G39-A | -57 | | | | 1 | | | X | X | X | | | | | | | 050423-57-60 comp |
| MW-G39-B | -58 | | | | 1 | | | X | X | X | | | | | | | Composite |
| MW-G39-C | -59 | | | | 1 | | | X | X | X | | | | | | | into |
| MW-G39-D | -60 | | | | 1 | | | X | X | X | | | | | | | 1 Sample |
| | | | | | | | | | | | | | | | | | |

Company Name: Building Analytics
Address: 528 State St
City/State/Zip: Glendale, CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1878
Fax: (818) 246-8195

Sampler's Signature: Russell Cote
Project Name/ID: 105034

| Relinquished by: | Received by: | Date & Time: |
|---|---|---|
| Russell Cote | [illegible] | 4/23/05 0815 |
| [illegible] | [illegible] | 4/23/05 0900 |
| | | |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Ch( , Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mw-G40-A | 050423-61 | 4-22-05 | | SOIL | 1 x 4oz | | ICE | X | X | X | | | | | | | 050423-61→64 comp |
| mw-G40-B | -62 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G40-C | -63 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G40-D | -64 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| mw-G41-A | -65 | | | | 1 | | | X | X | X | | | | | | | 050423-65→68 comp |
| mw-G41-B | -66 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G41-C | -67 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G41-D | -68 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| mw-G42-A | -69 | | | | 1 | | | X | X | X | | | | | | | 050423-69→72 comp |
| mw-G42-B | -70 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G42-C | -71 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G42-D | -72 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |

Analysis Required

| | | |
|---|---|---|
| Company Name: Building Analytics | Project Contact: Russell Cole | Sampler's Signature: Russell Cole |
| Address: 528 State St. | Tel: (818) 500-1898 | Project Name/ID: 105034 |
| City/State/Zip: Glendale CA 91203 | Fax: (818) 246-8195 | |

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cole | Received by: [illegible] | Date & Time: 4/23/05 8:15 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [illegible] | Received by: [illegible] | Date & Time: 4/23/05 0900 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE · YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID (X) | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| mw-G42-A | 050423 -73 | 4-22-05 | | Soil | 1 x 4oz | | ICE | X | X | X | | | | | | | 050423-73→76 comp |
| mw-G42-B | -74 | | | | 1 | | | X | X | X | | | | | | | Composite |
| mw-G42-C | -75 | | | | 1 | | | X | X | X | | | | | | | into |
| mw-G42-D | -76 (same as -69→72) | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| HC-G43-A | -77 | | | | 1 | | | X | X | X | | | | | | | 050423-77→80 comp |
| HC-G43-B | -78 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HC-G43-C | -79 | | | | 1 | | | X | X | X | | | | | | | into |
| HC-G43-D | -80 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| HC-G44-A | -81 | | | | 1 | | | X | X | X | | | | | | | 050423-81→84 comp |
| HC-G44-B | -82 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HC-G44-C | -83 | | | | 1 | | | X | X | X | | | | | | | into |
| HC-G44-D | -84 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |

Misc.

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Ale
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: [signature]
Project Name/ID: 105034

| | | |
|---|---|---|
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0815 |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0900 |
| Relinquished by: | Received by: | Date & Time: |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Ch[illegible], Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
✓ 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| ~~HC-45~~ HC-G45-A | 050423-85 | 4-22-05 | | SOIL | 1 x 4oz | | ICE | X | X | X | | | | | | | 050423-85→88 cmp Composite into 1 sample |
| HC-G45-B | -86 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G45-C | -87 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G45-D | -88 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HC-G46-A | -89 | | | | 1 | | | X | X | X | | | | | | | 050423-89→92 cmp Composite into 1 sample |
| HC-G46-B | -90 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G46-C | -91 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G46-D | -92 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HC-G47-A | -93 | | | | 1 | | | X | X | X | | | | | | | 050423-93→96 cmp Composite into 1 sample |
| HC-G47-B | -94 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G47-C | -95 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G47-D | -96 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1888
Fax: (818) 246-8155

Sampler's Signature: [signature]
Project Name/ID: 105034

| | | |
|---|---|---|
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0815 |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0900 |
| Relinquished by: | Received by: | Date & Time: |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE · YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HC-G48-A | 050423-97 | 4-22-05 | | SOIL | 1 x 4oz | | ICE | X | X | X | | | | | | | 050423-97→100 comp Composite into 1 sample |
| HC-G48-B | -98 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G48-C | -99 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G48-D | -100 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HC-G49-A | -101 | | | | 1 | | | X | X | X | | | | | | | 050423-101→104 comp Composite into 1 sample |
| HC-G49-B | -102 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G49-C | -103 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G49-D | -104 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HC-G50-A | -105 | | | | 1 | | | X | X | X | | | | | | | 050423-105→108 comp Composite into 1 sample |
| HC-G50-B | -106 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G50-C | -107 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G50-D | -108 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Analysis Required

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cole
Tel: (818) 500-828
Fax: (818) 246-8195

Sampler's Signature: Russell Cole
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cole | Received by: [illegible] | Date & Time: 4/23/05 0815 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [illegible] | Received by: [illegible] | Date & Time: 4/23/05 0900 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Ch( Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HC-G51-A | 050423-109 | 4-22-05 | | SOIL | 1 x 4oz | | ICE | X | X | X | | | | | | | 050423-109→112 cmp |
| HC-G51-B | -110 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HC-G51-C | -111 | | | | 1 | | | X | X | X | | | | | | | into |
| HC-G51-D | -112 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| HC-G52-A | -113 | | | | 1 | | | X | X | X | | | | | | | 050423-113→116 cmp |
| HC-G52-B | -114 | | | | 1 | | | X | X | X | | | | | | | Composite |
| HC-G52-C | -115 | | | | 1 | | | X | X | X | | | | | | | into |
| HC-G52-D | -116 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| CC-G53-A | -117 | | | | 1 | | | X | X | X | | | | | | | 050423-117→120 cmp |
| CC-G53-B | -118 | | | | 1 | | | X | X | X | | | | | | | Composite |
| CC-G53-C | -119 | | | | 1 | | | X | X | X | | | | | | | into |
| CC-G53-D | -120 | | | | 1 | | | X | X | X | | | | | | | 1 sample |

Analysis Required

Misc.

Company Name: Building Analytics
Address: 528 State St
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cole
Tel: (818) 500-1888
Fax: (818) 246-8195

Sampler's Signature: [signature]
Project Name/ID: 105034

| Relinquished by: | Received by: | Date & Time: |
|---|---|---|
| [signature] | [signature] | 4/23/05 0815 |
| [signature] | [signature] | 4/23/05 0900 |
| | | |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| MW-AT1 | 050423-121 | 4-22-05 | | SOIL | 1X4oz | | ICE | X | X | X | | | | | | | |
| | | | | | | ↓ | | | | | | | | | | | |
| HC-AT2 | -122 | 4-22-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | |

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale, CA 91203

Project Contact: Russell Cole
Tel: (818) 500-1898
Fax: (818) 246-8195

Sampler's Signature: [signature]
Project Name/ID: 105034

| | | |
|---|---|---|
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0815 |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/23/05 0900 |
| Relinquished by: | Received by: | Date & Time: |

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE · YELLOW TO CLIENT

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

MAY 06 2005

Date: May 4, 2005

Mr. Russell Cote
BA Environmental
528 State Street
Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

Project: **105034**

Dear Mr. Cote:

The **analytical results** for the soil samples, received by our lab on April 26, 2005, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Jesse Tu, Ph.D.
Laboratory Manager

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G54-A/B/C/D (Composite)**
LAB I.D.: 050426-114,-115,-116,-117 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.004 | 0.001 |
| 4,4'-DDT | 0.001 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G55-A/B/C/D (Composite)**
LAB I.D.: 050426-118,-119,-120,-121 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: HC-G56-A/B/C/D (Composite)
LAB I.D.: 050426-122,-123,-124,-125 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G57-A/B/C/D (Composite)**
LAB I.D.: 050426-126,-127,-128,-129 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.003 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G58-A/B/C/D (Composite)
LAB I.D.: 050426-130,-131,-132,-133 (Composite)

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G59-A/B/C/D (Composite)**
LAB I.D.: 050426-134,-135,-136,-137 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.002 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G60-A/B/C/D (Composite)**
LAB I.D.: 050426-138,-139,-140,-141 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

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SAMPLE I.D.: **CC-G61-A/B/C/D (Composite)**
LAB I.D.: 050426-142,-143,-144,-145 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

METHOD BLANK FOR LAB I.D.:
050426-114,-115,-116,-117(Composite), 050426-118,-119,-120,-121(Composite),
050426-122,-123,-124,-125(Composite), 050426-126,-127,-128,-129(Composite),
050426-130,-131,-132,-133(Composite), 050426-134,-135,-136,-137(Composite),
050426-138,-139,-140,-141(Composite), 050426-142,-143,-144,-145(Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

# Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# EPA 8081 QA/QC Report

Matrix: **Soil** Date Analyzed: **4/30-5/1/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.:** **050426-118~121**

| Analyte | S.R. | spk conc | MS | %REC | MSD | %REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| Gamma-BHC | 0.000 | 0.050 | 0.0442 | **88%** | 0.0423 | **85%** | **4%** | **0-20%** | **70-130** |
| Aldrin | 0.000 | 0.050 | 0.0437 | **87%** | 0.0413 | **83%** | **6%** | **0-20%** | **70-130** |
| 4,4-DDE | 0.000 | 0.050 | 0.0463 | **93%** | 0.0447 | **89%** | **4%** | **0-20%** | **70-130** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| Gamma-BHC | 0.0050 | 0.00480 | **96%** | **75-125** |
| Aldrin | 0.0050 | 0.00473 | **95%** | **75-125** |
| 4,4-DDE | 0.0050 | 0.00494 | **99%** | **75-125** |
| Dieldrin | 0.0050 | 0.00483 | **97%** | **75-125** |

| Surrogate Recovery | ACP% | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | | MB | 0426-114~117 | 0426-118~121 | 0426-122~125 | 0426-126~129 | 0426-130~133 | 0426-134~137 |
| Tetra-chloro-meta-xylene | 50-150 | 103% | 96% | 100% | 98% | 97% | 101% | 101% |
| Decachlorobiphenyl | 50-150 | 102% | 96% | 97% | 97% | 95% | 97% | 92% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | 0426-138~141 | 0426-142~145 | 0427-51~54 | 0427-55~58 | 0427-59~62 | 0427-63~66 | 0427-67~70 | 0427-71~74 |
| Tetra-chloro-meta-xylene | 105% | 103% | 100% | 102% | 101% | 123% | 102% | 104% |
| Decachlorobiphenyl | 96% | 89% | 91% | 98% | 98% | 119% | 100% | 94% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|
| **Sample I.D.** | 0427-75~78 | 0427-79~82 | | | | |
| Tetra-chloro-meta-xylene | 102% | 101% | | | | |
| Decachlorobiphenyl | 83% | 97% | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

**Note:** ***LCS, MS, MSD are in control therefore results are in control.***

**Analyzed and Reviewed By:** KL

**Final Reviewer:** _____

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G54-A/B/C/D (Composite)**
LAB I.D.: 050426-114,-115,-116,-117 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G55-A/B/C/D (Composite)**
LAB I.D.: 050426-118,-119,-120,-121 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: HC-G56-A/B/C/D (Composite)
LAB I.D.: 050426-122,-123,-124,-125 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G57-A/B/C/D (Composite)**
LAB I.D.: 050426-126,-127,-128,-129 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

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DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G58-A/B/C/D (Composite)**
LAB I.D.: 050426-130,-131,-132,-133 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G59-A/B/C/D (Composite)**
LAB I.D.: 050426-134,-135,-136,-137 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G60-A/B/C/D (Composite)
LAB I.D.: 050426-138,-139,-140,-141 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: CC-G61-A/B/C/D (Composite)
LAB I.D.: 050426-142,-143,-144,-145 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# METHOD BLANK REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/28-29/05
DATE REPORTED: 05/04/05

---

**METHOD BLANK FOR LAB I.D.:**
**050426-114,-115,-116,-117(Composite), 050426-118,-119,-120,-121(Composite), 050426-122,-123,-124,-125(Composite), 050426-126,-127,-128,-129(Composite), 050426-130,-131,-132,-133(Composite), 050426-134,-135,-136,-137(Composite), 050426-138,-139,-140,-141(Composite), 050426-142,-143,-144,-145(Composite)**

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

Submitted to:
Enviro-Chem, Inc. Laboratories
Attention: Curtis Desilets
1214 E. Lexington Ave.
Pomona CA 91766
Tel: (909)590-5905 Fax: (909)590-5907

Service ID #: 801-052482
Collected by:
Collected on: 04/26/05

Received: 04/27/05
Extracted: 04/27/05
Tested: 04/28-29/05
Reported: 05/03/05

Sample Description: Soil
Project Description:

## Analysis of Soil Samples

| Component Analyzed | Method | Unit | PQL | Analysis Result 050426-114-117comp 05-02482-1 | 050426-118-121comp 05-02482-2 | 050426-122-125comp 05-02482-3 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Chlorpyrifos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Coumaphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Demeton-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Demeton-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Diazinon | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Dichlorvos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Disulfoton | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ethoprop | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fensulfothion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fenthion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Merphos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Methyl Parathion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Mevinphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Naled | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Phorate | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ronnel | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Trichloronate | 8141A | µg/kg | 50 | <50 | <50 | <50 |

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050426-126-129comp 05-02482-4 | 050426-130-133comp 05-02482-5 | 050426-134-137comp 05-02482-6 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Chlorpyrifos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Coumaphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Demeton-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Demeton-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Diazinon | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Dichlorvos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Disulfoton | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ethoprop | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fensulfothion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fenthion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Merphos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Methyl Parathion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Mevinphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Naled | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Phorate | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ronnel | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Trichloronate | 8141A | µg/kg | 50 | <50 | <50 | <50 |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050426-138-141comp 05-02482-7 | 050426-142-145comp 05-02482-8 |
|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | |
| Dilution Factor | | | | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | <100 | <100 |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | <50 | <50 |
| Chlorpyrifos | 8141A | µg/kg | 50 | <50 | <50 |
| Coumaphos | 8141A | µg/kg | 100 | <100 | <100 |
| Demeton-O | 8141A | µg/kg | 50 | <50 | <50 |
| Demeton-S | 8141A | µg/kg | 50 | <50 | <50 |
| Diazinon | 8141A | µg/kg | 50 | <50 | <50 |
| Dichlorvos | 8141A | µg/kg | 50 | <50 | <50 |
| Disulfoton | 8141A | µg/kg | 50 | <50 | <50 |
| Ethoprop | 8141A | µg/kg | 50 | <50 | <50 |

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050426-138-141comp 05-02482-7 | Analysis Result 050426-142-145comp 05-02482-8 |
|---|---|---|---|---|---|
| Fensulfothion | 8141A | µg/kg | 50 | <50 | <50 |
| Fenthion | 8141A | µg/kg | 50 | <50 | <50 |
| Merphos | 8141A | µg/kg | 50 | <50 | <50 |
| Methyl Parathion | 8141A | µg/kg | 50 | <50 | <50 |
| Mevinphos | 8141A | µg/kg | 100 | <100 | <100 |
| Naled | 8141A | µg/kg | 100 | <100 | <100 |
| Phorate | 8141A | µg/kg | 50 | <50 | <50 |
| Ronnel | 8141A | µg/kg | 50 | <50 | <50 |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | <50 | <50 |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | <50 | <50 |
| Trichloronate | 8141A | µg/kg | 50 | <50 | <50 |

PQL: Practical Quantitation Limit. MDL: Method Detection Limit. CRDL: Contract Required Detection Limit

N.D.: Not Detected or less than the practical quantitation limit. "-": Analysis is not required.

J: Reported between PQL and MDL.

Listed Dilution Factors (DF) are relative to the method default DF. All unlisted DFs are 1.0

Respectfully submitted,

Dominic Lau
Laboratory Director
Applied P & CH Laboratories

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G54-A/B/C/D (Composite)**
LAB I.D.: 050426-114,-115,-116,-117 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G55-A/B/C/D (Composite)**
LAB I.D.: 050426-118,-119,-120,-121 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G56-A/B/C/D (Composite)**
LAB I.D.: 050426-122,-123,-124,-125 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G57-A/B/C/D (Composite)**
LAB I.D.: 050426-126,-127,-128,-129 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G58-A/B/C/D (Composite)
LAB I.D.: 050426-130,-131,-132,-133 (Composite)

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G59-A/B/C/D (Composite)**
LAB I.D.: 050426-134,-135,-136,-137 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G60-A/B/C/D (Composite)
LAB I.D.: 050426-138,-139,-140,-141 (Composite)

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G61-A/B/C/D (Composite)**
LAB I.D.: 050426-142,-143,-144,-145 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

1214 E. Lexington Avenue, Pomona, CA 91766 Enviro – Chem, Inc. Tel (909) 590-5905 Fax (909) 590-5907

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

METHOD BLANK FOR LAB I.D.:
050426-114,-115,-116,-117(Composite), 050426-118,-119,-120,-121(Composite),
050426-122,-123,-124,-125(Composite), 050426-126,-127,-128,-129(Composite),
050426-130,-131,-132,-133(Composite), 050426-134,-135,-136,-137(Composite),
050426-138,-139,-140,-141(Composite), 050426-142,-143,-144,-145(Composite)

## Chlorinated Herbicides Analysis
Method: EPA 8151A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

# Analysis: EPA 8151A

Matrix: **SOIL** Date Analyzed: **5/3-5/4/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050427-79~82**

| Analyte | S.R. | spk conc | MS | % REC | MSD | % REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 0 | 0.050 | 0.048 | **96%** | 0.046 | **91%** | **6%** | **0-20%** | **50-150** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| 2,4,5-T | 0.050 | 0.043 | 85% | **70-130** |
| 2,4,5-TP | 0.050 | 0.041 | 82% | **70-130** |
| 2,4-DB | 0.500 | 0.411 | 82% | **70-130** |

**Surrogate Recovery:**

| Analyte | spk conc | ACP % | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | | | M-BLK | 0426-114-117 | 0426-118-121 | 0426-122-125 | 0426-126-129 | 0426-130-133 | 0426-134-137 |
| DCAA | 0.20 | 50-150 | 99% | 95% | 90% | 92% | 93% | 90% | 87% |

| Analyte | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | 0426-138-141 | 0426-142-145 | 0427-51~54 | 0427-55~58 | 0427-59~62 | 0427-63~66 | 0427-67~70 | 0427-71~74 | 0427-75~78 |
| DCAA | 98% | 89% | 92% | 91% | 92% | 104% | 99% | 94% | 93% |

| Analyte | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|
| **Sample ID:** | 0427-79~82 | | | | |
| DCAA | 95% | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

**Analyzed and Reviewed By:** KL

**Final Reviewer:** _____

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HC-G54-A | 050426-114 | 4-26-05 | | Soil | 1 X 402 | | ICE | X | X | X | | | | | | | 050426-114→117 comp Composite into 1 sample |
| HC-G54-B | -115 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G54-C | -116 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G54-D | -117 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HC-G55-A | -118 | | | | 1 | | | X | X | X | | | | | | | 050426-118→121 comp Composite into 1 sample |
| HC-G55-B | -119 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G55-C | -120 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G55-D | -121 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| HC-G56-A | -122 | | | | 1 | | | X | X | X | | | | | | | 050426-122→125 comp Composite into 1 sample |
| HC-G56-B | -123 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G56-C | -124 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G56-D | -125 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |

**Analysis Required**

| | | |
|---|---|---|
| Company Name: Building Analytics | Project Contact: Russell Cole | Sampler's Signature: [signature] |
| Address: 528 State St. | Tel: (818) 500-1888 | Project Name/ID: 105034 |
| City/State/Zip: Glendale CA 91203 | Fax: (818) 246-8195 | |

| | | | |
|---|---|---|---|
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/26/05 5:15 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/27/05 0800 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Ch. , Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| HC-G57-A | 050426-126 | 4-26-05 | | SOIL | 1 x 4oz | | ICE | X | X | X | | | | | | | 050426-126→129 cmp Composite into 1 sample |
| HC-G57-B | -127 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G57-C | -128 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G57-D | -129 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| CC-G58-A | -130 | | | | 1 | | | X | X | X | | | | | | | 050426-130→133 cmp Composite into 1 sample |
| CC-G58-B | -131 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G58-C | -132 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G58-D | -133 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| CC-G59-A | -134 | | | | 1 | | | X | X | X | | | | | | | 050426-134→137 cmp Composite into 1 sample |
| CC-G59-B | -135 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G59-C | -136 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G59-D | -137 | | | | 1 | | | X | X | X | | | | | | | |

| | | |
|---|---|---|
| Company Name: Building Analytics | Project Contact: Russell Cole | Sampler's Signature: Russell Cole |
| Address: 528 State St. | Tel: (818) 500-1898 | Project Name/ID: 105034 |
| City/State/Zip: Glendale CA 91203 | Fax: (818) 246-8195 | |

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cole | Received by: [illegible] | Date & Time: 4/26/05 5:15 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [illegible] | Received by: [illegible] | Date & Time: 4/27/05 0800 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Analysis Required | | | | | | | | | |
| CC-G60-A | 050426-138 | 4-26-05 | | SOIL | 1x4oz | | ICE | X | X | X | | | | | | | 050426-138→141 Comp Composite into 1 sample |
| CC-G60-B | -139 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G60-C | -140 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G60-D | -141 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | 1 | | | | | | | | | | | | |
| CC-G61-A | -142 | | | | 1 | | | X | X | X | | | | | | | 050426-142→145 Comp Composite into 1 sample |
| CC-G61-B | -143 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G61-C | -144 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G61-D | -145 | | | | 1 | | | X | X | X | | | | | | | |

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cote
Tel: (818) 500-1898
Fax: (818) 246-8155

Sampler's Signature: Russell Cote
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cote | Received by: [illegible] | Date & Time: 4/26/05 15:15 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [illegible] | Received by: [illegible] | Date & Time: 4/27/05 1800 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro – Chem, Inc.**
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

Date: May 4, 2005

MAY 06 2005

Mr. Russell Cote
BA Environmental
528 State Street
Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

Project: **105034**

Dear Mr. Cote:

The **analytical results** for the soil samples, received by our lab on April 27, 2005, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Jesse Tu, Ph.D.
Laboratory Manager

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: HC-G62-A/B/C/D (Composite)
LAB I.D.: 050427-51,-52,-53,-54 (Composite)

## Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 04/30/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G63-A/B/C/D (Composite)**
LAB I.D.: 050427-55,-56,-57,-58 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G64-A/B/C/D (Composite)
LAB I.D.: 050427-59,-60,-61,-62 (Composite)

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: CC-G65-A/B/C/D (Composite)
LAB I.D.: 050427-63,-64,-65,-66 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G66-A/B/C/D (Composite)
LAB I.D.: 050427-67,-68,-69,-70 (Composite)

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G67-A/B/C/D (Composite)**
LAB I.D.: 050427-71,-72,-73,-74 (Composite)

---

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | 0.023 | 0.001 |
| 4,4'-DDE | 0.084 | 0.001 |
| 4,4'-DDT | 0.032 | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G68-A/B/C/D (Composite)
LAB I.D.: 050427-75,-76,-77,-78 (Composite)

**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28/05
DATE ANALYZED: 05/01/05
DATE REPORTED: 05/04/05

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SAMPLE I.D.: **CC-G69-A/B/C/D (Composite)**
LAB I.D.: 050427-79,-80,-81,-82 (Composite)

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# METHOD BLANK REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
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DATE ANALYZED: 05/01/05
DATE REPORTED: 05/04/05

---

**METHOD BLANK FOR LAB I.D.:**
**050427-51,-52,-53,-54(Composite), 050427-55,-56,-57,-58(Composite), 050427-59,-60,-61,-62(Composite), 050427-63,-64,-65,-66(Composite), 050427-67,-68,-69,-70(Composite), 050427-71,-72,-73,-74(Composite), 050427-75,-76,-77,-78(Composite), 050427-79,-80,-81,-82(Composite)**

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**Organochlorine Pesticides Analysis**
**Method: EPA 8081A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL(X1) |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

# Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# EPA 8081 QA/QC Report

Matrix: **Soil** Date Analyzed: **4/30-5/1/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050426-118~121**

| Analyte | S.R. | spk conc | MS | %REC | MSD | %REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| Gamma-BHC | 0.000 | 0.050 | 0.0442 | **88%** | 0.0423 | **85%** | **4%** | **0-20%** | **70-130** |
| Aldrin | 0.000 | 0.050 | 0.0437 | **87%** | 0.0413 | **83%** | **6%** | **0-20%** | **70-130** |
| 4,4-DDE | 0.000 | 0.050 | 0.0463 | **93%** | 0.0447 | **89%** | **4%** | **0-20%** | **70-130** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| Gamma-BHC | 0.0050 | 0.00480 | **96%** | **75-125** |
| Aldrin | 0.0050 | 0.00473 | **95%** | **75-125** |
| 4,4-DDE | 0.0050 | 0.00494 | **99%** | **75-125** |
| Dieldrin | 0.0050 | 0.00483 | **97%** | **75-125** |

| Surrogate Recovery | ACP% | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | | MB | 0426-114~117 | 0426-118~121 | 0426-122~125 | 0426-126~129 | 0426-130~133 | 0426-134~137 |
| Tetra-chloro-meta-xylene | 50-150 | 103% | 96% | 100% | 98% | 97% | 101% | 101% |
| Decachlorobiphenyl | 50-150 | 102% | 96% | 97% | 97% | 95% | 97% | 92% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | 0426-138~141 | 0426-142~145 | 0427-51~54 | 0427-55~58 | 0427-59~62 | 0427-63~66 | 0427-67~70 | 0427-71~74 |
| Tetra-chloro-meta-xylene | 105% | 103% | 100% | 102% | 101% | 123% | 102% | 104% |
| Decachlorobiphenyl | 96% | 89% | 91% | 98% | 98% | 119% | 100% | 94% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|
| **Sample I.D.** | 0427-75~78 | 0427-79~82 | | | | |
| Tetra-chloro-meta-xylene | 102% | 101% | | | | |
| Decachlorobiphenyl | 83% | 97% | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

**Note: *LCS, MS, MSD are in control therefore results are in control.***

**Analyzed and Reviewed By:** KL

**inal Reviewer:** _____

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G62-A/B/C/D (Composite)**
LAB I.D.: 050427-51,-52,-53,-54 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

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DATE ANALYZED: 04/29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G63-A/B/C/D (Composite)**
LAB I.D.: 050427-55,-56,-57,-58 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G64-A/B/C/D (Composite)
LAB I.D.: 050427-59,-60,-61,-62 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
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ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

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DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G65-A/B/C/D (Composite)**
LAB I.D.: 050427-63,-64,-65,-66 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

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Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
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DATE REPORTED: 05/04/05

---

SAMPLE I.D.: CC-G66-A/B/C/D (Composite)
LAB I.D.: 050427-67,-68,-69,-70 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

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DATA REVIEWED AND APPROVED BY: _____
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LABORATORY REPORT

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PROJECT: **105034**
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DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G67-A/B/C/D (Composite)**
LAB I.D.: 050427-71,-72,-73,-74 (Composite)

---

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
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---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
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DATE ANALYZED: 04/29/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G68-A/B/C/D (Composite)
LAB I.D.: 050427-75,-76,-77,-78 (Composite)

**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G69-A/B/C/D (Composite)**
LAB I.D.: 050427-79,-80,-81,-82 (Composite)

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**Organophosphorus Pesticides Analysis**
**Method: EPA 8141A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/27/05
DATE ANALYZED: 04/29/05
DATE REPORTED: 05/04/05

METHOD BLANK FOR LAB I.D.:
050427-51,-52,-53,-54(Composite), 050427-55,-56,-57,-58(Composite),
050427-59,-60,-61,-62(Composite), 050427-63,-64,-65,-66(Composite),
050427-67,-68,-69,-70(Composite), 050427-71,-72,-73,-74(Composite),
050427-75,-76,-77,-78(Composite), 050427-79,-80,-81,-82(Composite)

## Organophosphorus Pesticides Analysis
Method: EPA 8141A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Azinphos Methyl | ND | 0.10 |
| Bolstar (Sulprofos) | ND | 0.05 |
| Chlorpyrifos | ND | 0.05 |
| Coumaphos | ND | 0.10 |
| Demeton-O | ND | 0.05 |
| Demeton-S | ND | 0.05 |
| Diazinon | ND | 0.05 |
| Dichlorvos | ND | 0.05 |
| Disulfoton | ND | 0.05 |
| Ethoprop | ND | 0.05 |
| Fensulfothion | ND | 0.05 |
| Fenthion | ND | 0.05 |
| Merphos | ND | 0.05 |
| Methyl Parathion | ND | 0.05 |
| Mevinphos | ND | 0.10 |
| Naled | ND | 0.10 |
| Phorate | ND | 0.05 |
| Ronnel | ND | 0.05 |
| Tetrachlorvinphos (Stirophos) | ND | 0.05 |
| Tokuthion (Prothiofos) | ND | 0.05 |
| Trichloronate | ND | 0.05 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
ANALYSIS PERFORMED BY APCL LABS, CHINO, CA

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Applied P & CH Laboratories
13760 Magnolia Ave., Chino, CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

Submitted to:
Enviro-Chem, Inc. Laboratories
Attention: Curtis Desilets
1214 E. Lexington Ave.
Pomona CA 91766
Tel: (909)590-5905 Fax: (909)590-5907

Service ID #: 801-052489
Collected by:
Collected on: 04/27/05

Received: 04/27/05
Extracted: 04/27/05
Tested: 04/29/05
Reported: 05/03/05

Sample Description: Soil
Project Description:

## Analysis of Soil Samples

| Component Analyzed | Method | Unit | PQL | Analysis Result 050427-51-54comp 05-02489-1 | 050427-55-58comp 05-02489-2 | 050427-59-62comp 05-02489-3 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Chlorpyrifos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Coumaphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Demeton-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Demeton-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Diazinon | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Dichlorvos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Disulfoton | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ethoprop | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fensulfothion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fenthion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Merphos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Methyl Parathion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Mevinphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Naled | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Phorate | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ronnel | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Trichloronate | 8141A | µg/kg | 50 | <50 | <50 | <50 |

Applied P & CH Laboratories
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# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050427-63-66comp 05-02489-4 | 050427-67-70comp 05-02489-5 | 050427-71-74comp 05-02489-6 |
|---|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | | |
| Dilution Factor | | | | 1 | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Chlorpyrifos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Coumaphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Demeton-O | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Demeton-S | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Diazinon | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Dichlorvos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Disulfoton | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ethoprop | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fensulfothion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Fenthion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Merphos | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Methyl Parathion | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Mevinphos | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Naled | 8141A | µg/kg | 100 | <100 | <100 | <100 |
| Phorate | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Ronnel | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | <50 | <50 | <50 |
| Trichloronate | 8141A | µg/kg | 50 | <50 | <50 | <50 |

| Component Analyzed | Method | Unit | PQL | Analysis Result 050427-75-78comp 05-02489-7 | 050427-79-82comp 05-02489-8 |
|---|---|---|---|---|---|
| **Organo-phosphorus** | | | | | |
| Dilution Factor | | | | 1 | 1 |
| Azinphos methyl | 8141A | µg/kg | 100 | <100 | <100 |
| Bolstar (Sulprofos) | 8141A | µg/kg | 50 | <50 | <50 |
| Chlorpyrifos | 8141A | µg/kg | 50 | <50 | <50 |
| Coumaphos | 8141A | µg/kg | 100 | <100 | <100 |
| Demeton-O | 8141A | µg/kg | 50 | <50 | <50 |
| Demeton-S | 8141A | µg/kg | 50 | <50 | <50 |
| Diazinon | 8141A | µg/kg | 50 | <50 | <50 |
| Dichlorvos | 8141A | µg/kg | 50 | <50 | <50 |
| Disulfoton | 8141A | µg/kg | 50 | <50 | <50 |
| Ethoprop | 8141A | µg/kg | 50 | <50 | <50 |

Applied P & CH Laboratories
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Tel: (909) 590-1828 Fax: (909) 590-1498

# APCL Analytical Report

| Component Analyzed | Method | Unit | PQL | Analysis Result 050427-75-78comp 05-02489-7 | 050427-79-82comp 05-02489-8 |
|---|---|---|---|---|---|
| Fensulfothion | 8141A | µg/kg | 50 | <50 | <50 |
| Fenthion | 8141A | µg/kg | 50 | <50 | <50 |
| Merphos | 8141A | µg/kg | 50 | <50 | <50 |
| Methyl Parathion | 8141A | µg/kg | 50 | <50 | <50 |
| Mevinphos | 8141A | µg/kg | 100 | <100 | <100 |
| Naled | 8141A | µg/kg | 100 | <100 | <100 |
| Phorate | 8141A | µg/kg | 50 | <50 | <50 |
| Ronnel | 8141A | µg/kg | 50 | <50 | <50 |
| Tetrachlorvinphos (Stirophos) | 8141A | µg/kg | 50 | <50 | <50 |
| Tokuthion (Prothiofos) | 8141A | µg/kg | 50 | <50 | <50 |
| Trichloronate | 8141A | µg/kg | 50 | <50 | <50 |

PQL: Practical Quantitation Limit. MDL: Method Detection Limit. CRDL: Contract Required Detection Limit

N.D.: Not Detected or less than the practical quantitation limit. "-": Analysis is not required.

J: Reported between PQL and MDL.

Listed Dilution Factors (DF) are relative to the method default DF. All unlisted DFs are 1.0

Respectfully submitted,

Dominic Lau
Laboratory Director
Applied P & CH Laboratories

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **HC-G62-A/B/C/D (Composite)**
LAB I.D.: 050427-51,-52,-53,-54 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
*1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907*

# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G63-A/B/C/D (Composite)**
LAB I.D.: 050427-55,-56,-57,-58 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G64-A/B/C/D (Composite)**
LAB I.D.: 050427-59,-60,-61,-62 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G65-A/B/C/D (Composite)**
LAB I.D.: 050427-63,-64,-65,-66 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G66-A/B/C/D (Composite)
LAB I.D.: 050427-67,-68,-69,-70 (Composite)

Chlorinated Herbicides Analysis
Method: EPA 8151A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G67-A/B/C/D (Composite)**
LAB I.D.: 050427-71,-72,-73,-74 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# LABORATORY REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

SAMPLE I.D.: CC-G68-A/B/C/D (Composite)
LAB I.D.: 050427-75,-76,-77,-78 (Composite)

## Chlorinated Herbicides Analysis
Method: EPA 8151A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

COMMENTS:
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

*Enviro – Chem, Inc.*
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# LABORATORY REPORT

CUSTOMER: **BA Environmental**
**528 State Street, Glendale, CA 91203**
**Tel(818)500-1898 Fax(818)246-8195**

PROJECT: **105034**
MATRIX: SOIL
DATE SAMPLED: 04/27/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/27/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/04/05
DATE REPORTED: 05/04/05

---

SAMPLE I.D.: **CC-G69-A/B/C/D (Composite)**
LAB I.D.: 050427-79,-80,-81,-82 (Composite)

---

**Chlorinated Herbicides Analysis**
**Method: EPA 8151A**
**Unit: Mg/Kg = Milligram Per Kilogram = PPM**

---

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

---

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

# METHOD BLANK REPORT

CUSTOMER: BA Environmental
528 State Street, Glendale, CA 91203
Tel(818)500-1898 Fax(818)246-8195

PROJECT: 105034
MATRIX: SOIL
DATE SAMPLED: 04/26/05
REPORT TO: MR. RUSSELL COTE

DATE RECEIVED: 04/26/05
DATE EXTRACTED: 04/28-05/02/05
DATE ANALYZED: 05/03/05
DATE REPORTED: 05/04/05

METHOD BLANK FOR LAB I.D.:
050427-51,-52,-53,-54(Composite), 050427-55,-56,-57,-58(Composite),
050427-59,-60,-61,-62(Composite), 050427-63,-64,-65,-66(Composite),
050427-67,-68,-69,-70(Composite), 050427-71,-72,-73,-74(Composite),
050427-75,-76,-77,-78(Composite), 050427-79,-80,-81,-82(Composite)

## Chlorinated Herbicides Analysis
Method: EPA 8151A
Unit: Mg/Kg = Milligram Per Kilogram = PPM

| PARAMETER | SAMPLE RESULT | PQL (X1) |
|---|---|---|
| 2,4,5-T | ND | 0.020 |
| 2,4,5-TP (Silvex) | ND | 0.020 |
| 2,4-D | ND | 0.200 |
| 2,4-DB | ND | 0.200 |
| Dalapon (Dichloroacetic Acid) | ND | 0.500 |
| Dicamba | ND | 0.020 |
| Dichloroprop | ND | 0.200 |
| Dinoseb (DNBP) | ND | 0.100 |
| MCPA | ND | 20.0 |
| MCPP | ND | 20.0 |

**COMMENTS:**
PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

# Analysis: EPA 8151A

Matrix: **SOIL** Date Analyzed: **5/3-5/4/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 050427-79~82**

| Analyte | S.R. | spk conc | MS | % REC | MSD | % REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 0 | 0.050 | 0.048 | **96%** | 0.046 | **91%** | **6%** | **0-20%** | **50-150** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| 2,4,5-T | 0.050 | 0.043 | 85% | **70-130** |
| 2,4,5-TP | 0.050 | 0.041 | 82% | **70-130** |
| 2,4-DB | 0.500 | 0.411 | 82% | **70-130** |

**ogate Recovery:**

| Analyte | spk conc | ACP % | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | | | M-BLK | 0426-114-117 | 0426-118-121 | 0426-122-125 | 0426-126-129 | 0426-130-133 | 0426-134-137 |
| DCAA | 0.20 | 50-150 | 99% | 95% | 90% | 92% | 93% | 90% | 87% |

| Analyte | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|---|
| **Sample ID:** | 0426-138-141 | 0426-142-145 | 0427-51~54 | 0427-55~58 | 0427-59~62 | 0427-63~66 | 0427-67~70 | 0427-71~74 | 0427-75~78 |
| DCAA | 98% | 89% | 92% | 91% | 92% | 104% | 99% | 94% | 93% |

| Analyte | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|
| **Sample ID:** | 0427-79~82 | | | | |
| DCAA | 95% | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

**Analyzed and Reviewed By:** KL

**rinal Reviewer:** aQ

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
~~0~~ 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HC-G62-A | 050427-51 | 4-27-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 050427-51→54 comp Composite into 1 sample |
| HC-G62-B | -52 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G62-C | -53 | | | | 1 | | | X | X | X | | | | | | | |
| HC-G62-D | -54 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| CC-G63-A | -55 | | | | 1 | | | X | X | X | | | | | | | 050427-55→58 comp Composite into 1 sample |
| CC-G63-B | -56 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G63-C | -57 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G63-D | -58 | | | | 1 | | | X | X | X | | | | | | | |
| ~~CC-G~~ | | | | | | | | | | | | | | | | | |
| CC-G64-A | -59 | | | | 1 | | | X | X | X | | | | | | | 050427-59→62 comp Composite into 1 sample |
| CC-G64-B | -60 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G64-C | -61 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G64-D | -62 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |

**Analysis Required**

| | | |
|---|---|---|
| Company Name: Building Analytics | Project Contact: Russell Cole | Sampler's Signature: Russell Cole |
| Address: 528 State St | Tel: (818) 500-1888 | Project Name/ID: 105034 |
| City/State/Zip: Glendale CA 91203 | Fax: (818) 246-8195 | |

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cole | Received by: [signature] | Date & Time: 4/27/05 7:54 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/27/05 1645 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CC-G65-A | 050427-63 | 4-22-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 050427-63→66 comp Composite into 1 sample |
| CC-G65-B | -64 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G65-C | -65 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G65-D | -66 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| CC-G66-A | -67 | | | | 1 | | | X | X | X | | | | | | | 050427-67→70 comp Composite into 1 sample |
| CC-G66-B | -68 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G66-C | -69 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G66-D | -70 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| CC-G67-A | -71 | | | | 1 | | | X | X | X | | | | | | | 050427-71→74 comp Composite into 1 sample |
| CC-G67-B | -72 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G67-C | -73 | | | | 1 | | | X | X | X | | | | | | | |
| CC-G67-D | -74 | | | | 1 | | | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Analysis Required

Company Name: Building Analytics
Address: 528 State St.
City/State/Zip: Glendale CA 91203

Project Contact: Russell Cole
Tel: (818) 500-1898
Fax: (818) 246-8155

Sampler's Signature:
Project Name/ID: 105034

| | | | |
|---|---|---|---|
| Relinquished by: | Received by: | Date & Time: 4/27/05 1545 | Instructions for Sample Storage After Analysis: |
| Relinquished by: | Received by: | Date & Time: 4/27/05 1615 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date:

WHITE WITH SAMPLE · YELLOW TO CLIENT

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

| SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | 8081 | 8141 | 8151 | | | | | | | Misc. COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CC-G68-A | 050427-75 | 4-27-05 | | SOIL | 1 | | ICE | X | X | X | | | | | | | 050427-75→78 comp |
| CC-G68-B | -76 | | | | 1 | | | X | X | X | | | | | | | Composite |
| CC-G68-C | -77 | | | | 1 | | | X | X | X | | | | | | | into |
| CC-G68-D | -78 | | | | 1 | | | X | X | X | | | | | | | 1 sample |
| | | | | | | | | | | | | | | | | | |
| CC-G69-A | -79 | | | | 1 | | | X | X | X | | | | | | | 050427-79→82 comp |
| CC-G69-B | -80 | | | | 1 | | | X | X | X | | | | | | | Composite |
| CC-G69-C | -81 | | | | 1 | | | X | X | X | | | | | | | into |
| CC-G69-D | -82 | | | | 1 | | | X | X | X | | | | | | | 1 sample |

**Analysis Required**

| | | |
|---|---|---|
| **Company Name:** Building Analytics | **Project Contact:** Russell Cole | **Sampler's Signature:** Russell Cole |
| **Address:** 528 Stile St. | **Tel:** (818) 500-1898 | **Project Name/ID:** 105024 |
| **City/State/Zip:** Glendale CA 91203 | **Fax:** (818) 246-8155 | |

| | | | |
|---|---|---|---|
| Relinquished by: Russell Cole | Received by: [signature] | Date & Time: 4/27/05 1545 | Instructions for Sample Storage After Analysis: |
| Relinquished by: [signature] | Received by: [signature] | Date & Time: 4/27/05 1615 | O Dispose of O Return to Client O Store (30 Days) |
| Relinquished by: | Received by: | Date & Time: | O Other: |

# CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

# TAB 6

# APPENDIX F:

# On-Site Pesticide Usage Violations

| Year | Pesticide | EPA # |
|---|---|---|
| 2003 | Provado 1.6 | 3125-457 |
| | Pounce | 279-3014 |
| | Manex | 1812-251 |
| | Spin-Aid | 264-616 |
| | Dacthal | 5481-490 |
| | Kocide 4.5 LF | 1812-303 |
| | Diazinon 4 E | 10163-100 |
| | Xentari | 73049-40 |
| | Ammo | 279-3027 |
| | Herbicide Activator | 1050775-50020-AA |
| | Success | 62719-292 |
| | Malathion 8 Aqua | 34704- 474 |
| | Assail | 264-609 |
| | Confirm | 707-238 |
| | Ro-Neet | 73637-5-56077 |
| | Pyrellin | 30573-2 |
| | Pyrellin EC | 30573-2 |

| Year | Pesticide | EPA # |
|---|---|---|
| 2004 | Pravado | 3125-457 |
| | Pounce | 279-3014 |
| | Dacthal | 5481-490 |
| | Diazinon 4 E | 10163-100 |
| | Xentari | 73049-40 |
| | Ammo | 279-3027 |
| | Malathion | 10163-21 |
| | Subdue | 100-796 |
| | Success | 62719-292 |
| | Sys Star | 48234-18 |
| | Sevin Brand 80 | 432-1226 |
| | Avid | 1000-896 |
| | Ro-Neet | 73637-5-74530 |
| | Pyrellin EC | 30573-2 |
| | Ro-Neet | 10182-178 |
| | Ro-Neet | 73637-5-56077 |
| | Dibrom 8 | 5481-479 |
| | Concerve | 62719-291 |
| | Heritage | 10182-408 |
| | Xentary | 275-85 |

JUL 7 – 2005

The following is a list, by year, of the pesticides reported used by F.F. Gonzalez Farms. For 2005 we have not received any use reports.

| Year | Pesticide | EPA # |
|---|---|---|
| 2002 | Provado 1.6 | 3125-457 |
| | Pounce 3.2 | 00279-03014-AA-00000 |
| | Confirm 2F | 707-238 |
| | Success | 62719-292 |
| | Ro-Neet 6-E | 10182-00178-AA-00000 |
| | Ro-neet 6-E | 73637-00005-AA-56077 |
| | Diazinon 4 E | 19713-91 |
| | Diazinon 4e | 10163-00100-AA |
| | Bravo Weather Stik | 50534-188-10182 |
| | Bravo weather stik fungicide | 50534-00188-AA-10182 |
| | Ammo 2.5 EC | 279-3027-AA |
| | Dacthal W-75 | 5481-490 |
| | Dibrom 8 E | 5481-479 |
| | Kocide 4.5 LF | 1812-303 |
| | Diazinon ag500 | 34704-00231 |
| | Diazinon ag500 | 05905-00248 |
| | Pyrellin EC | 30573-00002-AA |
| | Malathion 8 | 10163-00021-AA |
| | Baythroid 2 | 03125-00351-AA |
| | Ro-Neet | 73637-5-56077 |
| | Manex | 01812-00251-ZA |

# VIOLATION NOTICE

*Agricultural Commissioner/Weights and Measures Department*
*Pesticide Regulation Division (2/98)* PR-ENF-101 (REV. 8/91)

AGRICULTURAL COMMISSIONER WEIGHTS & MEASURES

**A. Violator Information**

| PERSON/BUSINESS NAME | COUNTY NUMBER | NOTICE NUMBER | |
|---|---|---|---|
| F.F. Gonzalez Farms | 19 | V20-01-00/01 | |
| ADDRESS | OPERATOR IDENTIFICATION NUMBER | VIOLATION DATE | VIOLATION TIME |
| 1224 E. Santa Clara St. | 19-00-56 P0932 | 7-19-00 | 9:50am |
| CITY | STATE / ZIP CODE | DATE NOTICE ISSUED | |
| Santa Paula 93060 | CA 93060 | 7/24/00 | |

**B. Business Information**

LICENSE/CERTIFICATE NUMBER *(If applicable)*

- [ ] Agricultural Pest Control Adviser
- [ ] Structural Pest Control Operator
- [ ] Private Applicator
- [ ] Agricultural Pest Control Business
- [ ] Qualified Applicator Certificate
- [ ] Government Agency
- [ ] Pesticide Dealer
- [ ] Agricultural Pest Control Pilot
- [ ] Qualified Applicator License
- [x] Other Grower

**C. Violation Location**

ADDRESS/PROPERTY DESCRIPTION: Chiquita Cyn. + Hwy 126, La Reda Fields 2-13

CITY:

**D. Section(s) Violated**

| | |
|---|---|
| | Food and Agricultural Code |
| 6600(c), 6742(b1) | California Code of Regulations |
| | Business and Professions Code |

**E. Violation Narrative**

F.F. Gonzalez Farms ~~used~~ was going to use a 40 gallon trash can filled with the pesticide Manex (EPA# 1812-251) for a chemigation application. The 40 gallon trash can did not have a proper tank cover. This is a violation of section 6742 b-1 of the California Code of Regulations (CCR). The chemigation equipment (trash can) is not suitable to insure the proper application of the pesticide Manex. This is a violation of CCR 6600(c).

**F. Cease and Desist**

You are ordered to cease and desist:

Pursuant to Food and Agricultural Code Section: *(Check one box)* [ ] 11737 [ ] 11896 [ ] 11897 [ ] 13101 [ ] 13102

**G. Notice**

This information documents that a violation of statutes or regulations pertaining to Pesticides and Pest Control Operations or a violation of the Business and Professions Code pertaining to Structural Pest Control has occurred. Violations of this nature may subject the violator to further action as prescribed by law. The "Notified Person's Signature" (below) is not an admission of guilt of a promise to appear (citation).

**H. Notification Information**

| ISSUING AGENCY | | TELEPHONE NUMBER |
|---|---|---|
| L.A. County Agricultural Commissioner/Weights and Measures dept | | 626-575-5466 |
| NOTIFIED PERSON'S SIGNATURE | NOTIFIED PERSON'S PRINTED NAME | TITLE |
| | Jesus Gonzalez | |
| ENFORCING OFFICER'S SIGNATURE | ENFORCING OFFICER'S PRINTED NAME | TITLE |
| Paul L. White | Paul L. White | Agricultural Inspector |

Distribution: Original—Issuing Agency Canary—Person Notified Pink—State of California

# AGRICULTURAL VIOLATION NO. V20-01-00/01

| | | | | | |
|---|---|---|---|---|---|
| Viol date | 7/19/00 | Dep's desk | 10/5/00 | Hear req'd | __/__/__ |
| NOV date | __/__/__ | Sup's desk | 10/11/00 | Hear Notc | __/__/__ |
| In office | 8/1/00 | To Insp II | __/__/__ | Hearing | __/__/__ |
| Sup's desk | 8/-/00 | NOPA sent | 10/31/00 | Warn ltr | __/__/__ |
| Sec's desk | 9/27/00 | DPR/SPCB | 10/24/00 | Decsnltr | __/__/__ |
| Sup's desk | __/__/__ | Stip recv'd | 11/6/00 | Closed | 11/14/00 |

File No: 00011010

Respondent: F.F Gonzales Farms
Jesus Gonzales.

Violation:

6600(c) use only methods and equipment suitable to ensure proper application of pesticides used a 40 gal plastic trash can to do a chemigation application ~~$151.00~~ $151.

6742 (b)(i) All openings on tanks used for mixing or applying pesticides shall be equiped with covers that will prevent splashes or spills

No cover (proper or any kind) on trash can - ~~$151.00~~ $50.00

Chemicals: MANEX

1. Supervisor Sokulsky

Proposed Action: ~~$302.~~ ~~201.~~ - 201.

Comments:

Grower - Familiar with Regulatory Requirements.

POSTING IRRIG SYSTEM ?

Enf.Std.Criteria: _____

2. Computer No. 118

cc: Company EL

cc: Supervisor EL

3. Deputy RW Date 10-11-00

Comments:

Reduce line level as major Vio is 6600 c

4. Supervisor WHAT ABOUT POSTING OF IRRIG SYSTE ?

5. Computer/File

Name of Company/Agency F F GONZALES FARM

STATE OF CALIFORNIA

# PESTICIDE ENFORCEMENT/COMPLIANCE ACTION SUMMARY

DEPARTMENT OF PESTICIDE REGULATION
PESTICIDE ENFORCEMENT BRANCH

PR-ENF-046 (Rev. 12/98)

**INSTRUCTIONS:** (Please see reverse for codes. For detailed instructions, refer to Enforcement Letter ENF98-062.)

## A. ENFORCEMENT/COMPLIANCE ACTION TYPE and STATUS: (Only one enforcement type, or compliance group, per form)

| Date of Incident | Date of Action | Date Closed | Susp/Revok Date | Case Number (numeric only) | County |
|---|---|---|---|---|---|
| 7/19/00 | 10/26/00 | 11/16/00 | / | 00011010 | Los Angeles |

Administrative Action (check only one):

- [x] Administrative Civil Penalty (Agricultural)
- [ ] Administrative Civil Penalty (Structural)
- [ ] County Registration Suspended/Revoked
- [ ] Private Applicator Certificate Suspended/Revoked
- [ ] Restricted Materials Permit Suspended/Revoked
- [ ] Referred for State Action

Judicial Action (check only one):

- [ ] Notice to Appear (Citation)
- [ ] Case Submitted to DA/Circuit Prosecutor
- follow up: [ ] Civil Complaint Filed / [ ] Criminal Complaint Filed

Compliance Actions (check all that apply):

- [ ] Cease and Desist Order
- [ ] Documented Compliance Interview
- [ ] Warning Letter/Violation Notice (NOV)

Action Reference:

DPR Priority Investigation #: _____

District Attorney/Prosecutor Case #: _____

Worker Health and Safety (WHS) Case #: _____

Other Case #:

Administrative Action Status (check one): NOPA [x]

Notice of Final Decision (NOFD):

- [x] Signed Stipulation & Waiver
- [ ] Withdrawn by Commissioner
- [ ] Closed After Hearing

## B. ACTION DETAIL (*Attach additional page(s) as necessary*)

| SECTION(S) CITED (One per line) | PROPOSED Fine ($) | PROPOSED Suspension (days) | MODIFIED Fine ($) | MODIFIED Suspension (days) | DISMISSED (Check if dismissed) |
|---|---|---|---|---|---|
| 6600 c | $151- | | | | [ ] |
| 6742 (b)(1) | $50- | | | | [ ] |
| | | | | | [ ] |
| | | | | | [ ] |
| | | | | | [ ] |
| | | | | | [ ] |

## C. INDIVIDUAL/BUSINESS INFORMATION

*If the individual is affiliated with a business or organization, you may complete both individual and business sections. Indicate whether the individual (IND) or business/organization (BUS) is being cited in this action by checking the appropriate 'respondent' box:*

| Respondent | Last Name | First Name | M.I. | License Code | License Number as printed on card or cert. |
|---|---|---|---|---|---|
| IND [ ] | Gonzales | Jesus | | | 00000 + |
| BUS [x] | Business/Organization Name: F&F Gonzales Farms | | | License Code | License Number as printed on card or cert. + |

| Occupation Code (see reverse) | SPCB Branch No. | Operator ID/ Restrict. Materials Permit # | Certified Private Applicator Number of Respondent |
|---|---|---|---|
| PRI | | 19-00-56 P0932 | |

## D. ACTIVITY / INCIDENT INFORMATION

| PESTICIDE PRODUCT NAME(S) | PROD. REG. NUMBER |
|---|---|
| Maneb | 1812-251 |
| | |
| | |
| | |
| | |

Activity (see reverse): Applicator

Setting (see reverse): Plant Agriculture

Comment on Activity / Setting:

Chemigation using a 40 gal plastic trash can for mixing and applying. No cover also.

County Contact (please print):

Telephone

# COUNTY OF LOS ANGELES
# AGRICULTURAL COMMISSIONER/
# WEIGHTS AND MEASURES DEPARTMENT

## Pesticide Regulation Division

VIOLATION REPORT
V20-01-00/01

Issued by:Agricultural Inspector Paul L. White
July 24, 2000


******SUMMARY******

The Los Angeles County Agricultural Commissioner/Weights and Measures Department issued Violation Notice V20-01-00/01 to F. F. Gonzalez Farms. The violation notice was written by Agricultural Inspector Paul L. White.

F. F. Gonzalez Farms used a 40 gallon plastic trash can for a chemigation application of the pesticide Manex(EPA# 1812-251). The 40 gallon trash can did not have a proper tank cover. This is a violation of section 6742 b-1 of the California Code of Regulations(CCR).

The 40 gallon trash can is not suitable as a pesticide container to insure the proper application of the pesticide Manex. This is a violation of CCR 6600c.


******NARRATIVE******

On July 19, 2000 I was working with Agricultural Inspector Reza Marashi. We were inspecting the different growing areas of F. F. Gonzalez Farms. While approaching the La Peda growing ground I noticed what appeared to be a trash can next to the irrigations system. I stopped and parked my truck. We both approached the trash can. The trash can appeared to be the 40 gallon size. It was filled with a cream colored liquid. Next to the 40 gallon

trash can was a container of the pesticide Manex(EPA# 1812-251) and a measuring cup. The color of the pesticide in the container and in the measuring cup matched the color of the liquid in the trash can.

The 40 gallon trash can had a hose running from it to a pump, and from the pump into the irrigation line. The pump was not turned on. The 40 gallon trash can did not have a proper tank cover. This is a violation of section 6742 b-1 of the California Code of Regulations(CCR).

The 40 gallon trash can is not suitable as a pesticide container to insure the proper application of the pesticide Manex. This is a violation of CCR 6600c.

I spoke with Jesus Gonzalez of F.F. Gonzalez Farms at the application site. He told me that they would transfer the pesticide Manex to a proper container. He also stated that the field foreman was supposed to apply a fertilizer not a pesticide.

Attachments: 1.pesticide use monitoring insp. report

The foregoing is true and correct.

Paul L. White Date 7-24-00

Agricultural Inspector
(626) 575-5466

STATE OF CALIFORNIA

# PESTICIDE USE MONITORING INSPECTIONS

PR-ENF-021 (REV. 3/97)

DEPARTMENT OF PESTICIDE REGULATION
PESTICIDE ENFORCEMENT BRANCH

02-090-0804

PAGE ____ OF ____

FIRM / PERSON INSPECTED: F.F. Gonzales Farms
FIRM ADDRESS: 1224 E. Santa Clara St, Santa Paula
PROPERTY OPERATOR: Same
PROPERTY LOCATION / SITE ID: La Peda Field / 2-13
ADJACENT ENVIRONMENT (N) road (S) road (E) open (W) road

P.C.A. / RECOMMENDATION:
PERMIT / OPERATOR ID NUMBER: 19-00-56 P0932
BUSINESS TYPE. Number ____
☒ Property Operator (grower, government agency)
☐ Pest Control Business (agricultural, gardener)

INSPECTING COUNTY: LA
WIND VELOCITY/DIRECTION: 0 mph
COMMODITY/SITE: Onions – Green

EQUIPMENT USED: LIST TYPE AND NUMBER OF PIECES AND ID NUMBER. INCLUDE CLOSED SYSTEMS.
40 gallon trash can

| HANDLER'S NAME | ACTIVITY | PERSONAL PROTECTIVE EQUIPMENT WORN |
|---|---|---|
| | | |

| PESTICIDE NAME / MANUFACTURER | LABEL REGISTRATION NUMBER | SIGNAL WORD | FORMULATION | RATE | DILUTION |
|---|---|---|---|---|---|
| Manex | 1812-251 | Caution | liquid | | |

## A. APPLICATION INSPECTION / B. MIX AND LOAD INSPECTION

| A. YES | A. NO | A. N/A | REQUIREMENTS | Reference Section | B. YES | B. NO | B. N/A |
|---|---|---|---|---|---|---|---|
| ✓ | | | 1. Registered Label Available at Use Site | 6602 | | | |
| | | | 2. Labeling - Site/ rate/ other | 12973 | | | |
| | | | 3. Labeling - Personal Protective Equipment | 12973 | | | |
| | | | 4. Regulations - Personal Protective Equipment | 6738 | | | |
| | | | 5. Decontamination Facilities | 6734 | | | |
| | | | 6. Eyewash immediately available | 6734(c) | | | |
| | | | 7. Coveralls, signal word "Danger" or "Warning" | 6736 | | | |
| | | | 8. Emergency Medical Care Posting | 6726 | | | |
| | | | 9. Warning Signs Posted | 6776 | | | |
| | | | 10. Notice of Intent Submitted | 6434 | | | |
| | | | 11. Complies with Permit Conditions | 12973 | | | |
| | | | 12. Employee Contacted, Working Alone, "Danger" | 6730 | | | |
| | | | 13. Restricted Material Use Supervised | 6406 | | | |
| | | | 14. Drift Control/ Phenoxy Herbicides | 6460,64 | | | |
| | | | 15. Suitable Methods/ Manner/ Climate | 6600 | | | |
| | | | 16. Protection of Persons/ Animals/ Property | 6614 | | | |
| | | | 17. Accurate Measurement | 6604 | | | |
| | | | 18. Closed System - Meets Criteria | 6746 | | | |
| | | | 19. Containers Secure and Under Control | 6670 | | | |
| | | | 20. Containers Properly Rinsed | 6684 | | | |
| | | | 21. Handlers Trained | 6724 | | | |
| | | | 22. PCO Registered in the County | 11732 | | | |
| | | | Total | Total | | | |

## C. EQUIPMENT INSPECTION

| REQUIREMENTS | Reference Section | YES | NO | N/A |
|---|---|---|---|---|
| 1. Equipment registered | 11732 | | | ✓ |
| 2. Equipment identified | 6630 | | | |
| 3. Equipment safe to operate | 6600 | | ✓ | |
| 4. Backflow prevention - airgap | 6610 | | | ✓ |
| **Safe Equipment** | 6742 | | | |
| 5. Proper tank cover | 6742 | | ✓ | |
| 6. Shut off device/sight gauge | 6742 | | | |
| 7. Service containers labeled | 6678 | | | ✓ |
| 8. Container transportation | 6682 | | | ✓ |
| Total | | | 2 | |

## REPORTS

Follow-up required ☒ YES ☐ NO
Follow-up completion date:
Cease and Desist Order 13102 ☐ YES ☒ NO
"Stop Work" Order 11737 ☐ YES ☒ NO
Violation Notice ☒ YES ☐ NO
Correct noncompliances by (date)

Remarks: Include a detailed description of noncompliances.

chemigation
1 glove at site

INSPECTOR'S SIGNATURE: Paul L White

TIME AND DATE INSPECTED: 9:50 am 7-19-00

INSPECTION ACKNOWLEDGED BY: [signature]

DATE ACKNOWLEDGED

Distribution: Original-County First Copy-Inspector Second Copy - Person/Firm Inspected

*COUNTY OF LOS ANGELES*

*Department of*
*Agricultural Commissioner*
*and Weights and Measures*

*Cato R. Fiksdal*
*Agricultural Commissioner/*
*Director of Weights and Measures*

*Robert G. Atkins*
*Chief Deputy*

*12300 Lower Azusa Road*
*Arcadia, California 91006-5872*

(626) 575-5466

NOTICE OF PROPOSED ACTION,
GROUNDS THEREFORE, AND
OPPORTUNITY TO BE HEARD

FILE NO. 00011010

TO: Jesus Gonzalez
F. F. Gonzalez Farms
1224 E. Santa Clara Street
Santa Clara, CA 93060

**Respondent: F. F. Gonzalez Farms**

You are hereby notified that pursuant to the provisions of Section 12999.5 of the California Food and Agricultural Code, the Agricultural Commissioner proposes to fine **F. F. Gonzalez Farms Two hundred one dollars ($201.00)**.

**Violation of: Section 6600 (c) & 6742 (b-1) of the California Code of Regulations**

This fine action has been proposed in keeping with statewide pesticide enforcement guidelines; see attachment pertaining to Fine Guidelines.

The description of the incident along with the violations are cited below.

Incident

On July 19, 2000, Los Angeles County Agricultural Commissioner/Weights and Measures Inspector Paul White completed a Pesticide Use Monitoring Inspections report for **F. F. Gonzalez Farms**. Inspector White found a 40-gallon container filled with a solution of the pesticide product Manex (EPA# 1812-251), connected to the irrigation system. The can had a hose running from it to a pump and from the pump into the irrigation line. The can did not have a cover. The trash can is not suitable as a pesticide container to be used for chemigation.

On July 24, 2000, a Notice of Violation (V20-01-00/01 ) was issued to you.

Violation 1

Section 6600 (c) of the California Code of Regulation (CCR) states, "Use only methods and equipment suitable to insure proper application of pesticides."

The Commissioner proposes to fine F. F. Gonzalez Farms **One hundred fifty-one dollars ($151.00).** The proposed fine is in the "Moderate" category because there was a reasonable possibility of creating a health and environmental effect.

Violation 2

Section 6742 (b-1) of the California Code of Regulation (CCR) states, "All openings on tanks used for mixing or applying pesticides shall be equipped with covers that will prevent splashes and spills."

The Commissioner proposes to fine F. F. Gonzalez Farms **Fifty dollars ($50.00).** The proposed fine is in the "Minor" category because of failing to provide an adequate precaution.

The guidelines used to determine violation categories and fine amounts are included with this letter. You are entitled and encouraged to review the Agricultural Commissioner's evidence supporting these charges during regular business hours at the office of the Agricultural Commissioner, 12300 Lower Azusa Road, Arcadia, California 91006.

You also are entitled to a hearing to review the Agricultural Commissioner's evidence and present any evidence, oral or written, on your behalf, as to why the Agricultural Commissioner should not take the proposed action. **You are encouraged to bring any evidence or witnesses which may assist you in presenting your case.** You are not required to be represented by legal counsel at the hearing, but your attorney may accompany and represent you if you wish. A tape-recording will be made of the entire hearing proceedings and will be available for review on appeal to the Director of the Department of Pesticide Regulation and by the courts.

A hearing in this matter will be scheduled and held at the office of the Agricultural Commissioner if you request a hearing by signing, dating, and returning the enclosed Hearing Request to the above address **within 20 days of receipt of this notice.** Failure to request a hearing is a waiver of the right to a hearing, and the Agricultural Commissioner may take the action proposed in this notice without a hearing.

If you do not wish to request a hearing, you may stipulate to the enclosed Order by signing, dating, and returning the Stipulation and Waiver to Order to the above address **within 20 days of receipt of this notice.**

DATED: 10·26·00

Cato R. Fiksdal
Agricultural Commissioner/
Director of Weights and Measures
County of Los Angeles

ATTACHMENT - FINE GUIDELINES

Fine Guidelines from Section 6130, Title 3, of the California Code of Regulations

(a) When taking civil penalty action pursuant to section 12999.5 of the Food and Agricultural Code, county agricultural commissioners shall use the provisions of this section to determine the violation class and the fine amount.

(1) For purposes of this section, violation classes shall be designated as "serious," "moderate," and "minor."

(A) "Serious" : Violations that are repeat violations of those in subparagraph (B) or violations which created an actual health or environmental hazard. The fine range for serious violations is $401 - $1,000.

(B) "Moderate" : Violations that are repeat violations of those in subparagraph (C) or violations which pose a reasonable possibility of creating health or environmental effect. The fine range for moderate violations is $151 - $400.

(C) "Minor" : Violations that did not create an actual health or environmental effect or did not pose a reasonable possibility of creating a health or environmental effect. The fine range for minor violations is $50 - $150.

*COUNTY OF LOS ANGELES*

*Department of*
*Agricultural Commissioner*
*and Weights and Measures*

*Cato R. Fiksdal*
*Agricultural Commissioner/*
*Director of Weights and Measures*

*Robert G. Atkins*
*Chief Deputy*

*12300 Lower Azusa Road*
*Arcadia, California 91006-5872*

(626) 575-5466

ORDER AND STIPULATION

FILE NO. 00011010

TO: Jesus Gonzalez
F. F. Gonzalez Farms
1224 E. Santa Clara Street
Santa Clara, CA 93060

ORDER: It is hereby ordered that F. F. Gonzalez Farms Jesus Gonzalez is fined **Two hundred one dollars ($201.00)**. The fine is now due and payable.

DATED: 10·26·00

Cato R. Fiksdal
Agricultural Commissioner/
Director of Weights and Measures
County of Los Angeles

STIPULATION AND WAIVER TO ORDER

I hereby stipulate that the Agricultural Commissioner's Notice of Proposed Action in the above-entitled matter states grounds for disciplinary action based on the evidence now before the Agricultural Commissioner.

I further stipulate to the agricultural commissioner's Order, as set forth above, and I waive all rights to a hearing and appeal or any other review in this matter.

DATE: _____ SIGNED: _____

To pay fine, please sign and return the **STIPULATION AND WAIVER TO ORDER** with check to:

**Department of Agricultural Commissioner /**
**Weights and Measures**
**12300 Lower Azusa Road**
**Arcadia California 91006**

Check Payable to: Agricultural Commissioner/Weights and Measures

To request a hearing, please sign and date below and return this page to:

**Department of Agricultural Commissioner /**
**Weights and Measures**
**12300 Lower Azusa Road**
**Arcadia California 91006**

**HEARING REQUEST**

I request that the Agricultural Commissioner schedule and hold a hearing in the above-noted matter.

DATED:_____ SIGNED:_____

*COUNTY OF LOS ANGELES*

*Department of*
*Agricultural Commissioner*
*and Weights and Measures*

*12300 Lower Azusa Road*
*Arcadia, California 91006-5872*

(626) 575-5466

***Cato R. Fiksdal***
*Agricultural Commissioner/*
*Director of Weights and Measures*

***Robert G. Atkins***
*Chief Deputy*

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FILE NO. 00011010

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F. F. Gonzalez Farms
1224 E. Santa Clara Street
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ORDER: It is hereby ordered that F. F. Gonzalez Farms Jesus Gonzalez is fined **Two hundred one dollars ($201.00)**. The fine is now due and payable.

DATED: 10·26·00

Cato R. Fiksdal
Agricultural Commissioner/
Director of Weights and Measures
County of Los Angeles

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I further stipulate to the agricultural commissioner's Order, as set forth above, and I waive all rights to a hearing and appeal or any other review in this matter.

PAID

DATE: 11-6-00

SIGNED:

NOV 14 2000

**Phase I Environmental Site Assessment of Parcel Map No. 060678, Highway 126, Valencia, California, September 2005 (part 3)**

# VOLUME 3

## PHASE I ENVIRONMENTAL SITE ASSESSMENT

OF

# PARCEL MAP NO. 060678
# HIGHWAY 126
# VALENCIA, CALIFORNIA

FOR

## GATZKE DILLON & BALANCE LLP

BA ENVIRONMENTAL
A Division of Building Analytics

**File No. 105034**
**September 2005**

Newhall / Soledad Village Project EIR
212.27

BA Environmental
Phase I Environmental Site Assessment of Parcel Map No. 060678 Highway 126
Appendices

Index

Volume 2 of 3


1. Appendix A: Historical Aerial Photographs
2. Appendix B: Historical Topographic Maps
3. Appendix C: Previous Environmental Reports
4. Appendix D: Annual Asbestos Notifications
5. Appendix E: Laboratory Report and Chain-of-Custody Documentation
6. Appendix F: On-Site Pesticide Usage Violations


Volume 3 of 3


7. Appendix G: DOGGR Well Records
8. Appendix H: DOGGR Oil Well Abandonment Procedures
9. Appendix I: UST Closure Letter
10. Appendix J: Governments Records Report
11. Appendix K: Building Permits
12. Appendix L: References
13. Appendix M: Glossary of Acronyms

# TAB 7

# APPENDIX G:

# DOGGR Well Records

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county<br>Del Valle | | District<br>2 Ventura |
| Former owner<br>Chevron U.S.A., Inc. | Operator code<br>C5650 | Date<br>8-22-2002 |

Name and location of well(s)

S. 15, T. 4N, R. 17W SBB&M
"Blair" 5 (037-06668)
"Boobier" 1 (037-06671)

S. 17, T. 4N, R. 17W SBB&M
"Sepulveda" 2 (037-06678)
"Sepulveda" 5 (037-06681)
"Sepulveda" 10 (037-06686)

S. 19, T. 4N, R. 17W SBB&M
"Newhall Land & Farming 3" 2 (037-06674)

S. 20, T. 4N, R. 17W SBB&M
"Newhall Land & Farming 3" 1 (037-06673)
"Newhall Land & Farming 3" 3 (037-06675)
"Newhall Land & Farming 10" 1 (037-06676)

S. 21, T. 4N, R. 17W SBB&M
"Vasquez" 4 (037-06692)

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>8-22-2002 | New owner<br>CHEVRONTEXACO EXPL & PROD CO | Operator code<br>C5680 | Type of organization<br>Company |
| | Address<br>5001 California Ave.<br>Bakersfield, CA 93309 | | Telephone No.<br>(661) 395-6445 |

Reported by CHEVRONTEXACO EXPL & PROD CO

Confirmed by Chevron U.S.A., Inc.

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent |
| Old operator new status (status abbreviation)<br>NPI | Remarks |

| | | |
|---|---|---|
| | Deputy Supervisor<br>Bruce H. Hesson | Signature |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | tkc | | Map and book 253 | MO | 3-5-04 |
| Form OGD140 | tkc | | Notice to be cancelled | | |
| New well cards | | | Bond status | jc | |
| Well records | tkc | | EDP files | jc | |
| Electric logs | tkc | | Computer Files | jc | |
| Production reports | | | | | |

OGD156 (5/98)

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF PROPERTY AND WELL TRANSFER

Field or County Del Valle

District 2

Former Owner: Standard Oil Company of California

Date March 9, 1977

Description of Property Sections 15, 17, 19, 20, and 21, T. 4N., R. 17W., S.B.B. & M.

List of Wells ALL WELLS

Date of Transfer January 1, 1977
New Owner: Chevron U.S.A. Inc.
Address: P. O. Box 7643
San Francisco, CA 94120
Telephone No. 415-434-7700

Type of Organization Corporation
Reported by: Standard Oil Co.
Confirmed by: Chevron U.S.A. Inc.
New Operator New Status PA , Old Operator New Status Ab
Request Designation of Agent

Remarks: NAME CHANGE ONLY

r

| | INITIALS | DATE |
|---|---|---|
| Form 121 | | |
| New Well Cards | | |
| Well Records | | |
| Electric Logs | | |
| Production Reports | | |
| Map and Book | | |
| Form 148 | | |
| Notice to be cancelled | | |
| Bond status | | |

John E. Hendricks
Deputy Supervisor

| LEGEND |
|---|
| PA—Producing Active |
| NPA—Non Potential Active |
| PI—Potential Inactive |
| NPI—Non Potential Inactive |
| Ab—Abandoned or No More Wells |

FORM 107.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 11 1957
LOS ANGELES, CALIFORNIA

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles, Calif. July 3, 1957

DIVISION OF OIL AND GAS

Los Angeles, Calif.

| MAP | MAP BOOK | CARD | FORMS 114 | FORMS 121 |
|---|---|---|---|---|
| | | Deepen | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, ~~redrilling, plugging or altering casing at~~ Well No. ~~Standard-Blair No. 38*~~ "Castaic Junction Gas Unit No.
(Cross out unnecessary words)

_____, Sec. 15, T. -4-N, R. -17-W, S.B.B. & M.

Del Valle Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 10,450'

2. Complete casing record.

41' 20" 79# grade unknown, range 3, plain end, new Kaiser electric weld blank casing

940' 11-3/4" 47# J-55, range 3, short 8-Rd, new Spang seamless blank casing

3. Last produced. Never (Date) ____ (Net Oil) ____ (Gravity) ____ (Cut)

The proposed work is as follows:

* Well was formerly drilled by Standard to a total depth of 10450' and was known as Standard-Blair No. 38. Spudded on 12-8-52. Abandoned on 3-9-53.

Well is now to be deepened by Humble to a total depth of 11325' and shall be known as Castaic Junction Gas Unit No. 1, Well No. 1. Well is to be located in the Castaic Junction Field. 235' North and 2,204' East of the Southwest corner of Section 15, Township 4 North, Range 17 West, S.B.B. & M., Los Angeles County, California. Intended zone of completion: Zone 21 (10,500' - 11,100')

Humble Oil & Refining Company
(Name of Operator)

By John S. Bell
John S. Bell

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 157-905

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING CO

Los Angeles 15 Calif.
July 18, 1957

DEAR SIR:

Your proposal to deepen Well No. "Castaic Junction Gas Unit No. 1" 1,

Section 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, Los Angeles County,

dated July 3, 1957, received July 11, 1957 has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE

T. D. 10,450', plugged with cement 10,450'-10,006', 8348'-8220', 7900'-7600'±, 2548'-2294', 1000'-840', and 30' - 0'.

THE NOTICE STATES

"The present condition of the well is as follows:

1. Total depth. 10,450'

2. Complete casing record.
   41' 20" 79# grade unknown, range 3, plain end, new Kaiser electric wel blank casing
   940' 11-3/4" 47# J-55, range 3, short 8-Rd, new Spang seamless blank casing

3. Last produced. Never."

PROPOSAL

"The proposed work is as follows:

* Well was formerly drilled by Standard to a total depth of 10450' and was known as Standard-Blair No. 38. Spudded on 12-8-52. Abandoned on 3-9-53.

Well is now to be deepened by Humble to a total depth of 11325' and shall be known as Castaic Junction Gas Unit No. 1, Well No. 1. Well is to be located in the Castai Junction Field. 235' North and 2,204' East of the Southwest corner of Section 15, Township 4 North, Range 17 West, S.B.B. & M., Los Angeles County, California. Intended zone of completion: Zone 21 (10,500' - 11,100')."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fl maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. This Division shall be consulted before running any additional casing, or placing a l in the hole. Additional requirements may be specified at that time.
4. THIS DIVISION SHALL BE NOTIFIED TO INSPECT the installed blowout prevention equipment be fore drilling below 2000'.

E. H. MUSSER, State Oil and Gas Supervisor

By _____, Deputy

DER:OH cc Company (2)
Newhall Land & Farming Co
Orig Company, Los Angeles

#6
Blanket bond.

25463 10-55 60M SP

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 157-1111

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING COMPANY

Los Angeles 15 Calif.
September 23 1957

DEAR SIR:

Operations at your well No. "Castaic Junction Gas Unit No. 1" 1, Sec. 15, T. 4 N., R 17 W., S.B. B & M. Del Valle Field, in Los Angeles County, were witnessed on September 17, 1957. Mr. W. Ingram, Engineer, representative of the supervisor was present from 11:30 a.m. to 12:00 M. There were also present A. Mortesen, Drilling Foreman

Present condition of well: 11-3/4" cem. 940'; T.D. (present hole) 7450' (drilling): T.D. (1st hole) 10,450'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

~~xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx~~

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

WI:yk

cc- Company, Newhall (2)
Newhall Land & Farming Co

Orig Company, Los Angeles

E. H. MUSSER
State Oil and Gas Supervisor

By [signature] Deputy

39719 7-56 17M ② SPO

FORM 108. 95391 3-54 23,800 ④ SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 1 1957
LOS ANGELES, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Newhall Calif. November 7, 19 57

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Castaic Junction Gas Unit 1, Well #1, Sec. 15, T. 4-N, R. 17-W, S.B. B. & M., Del Valle Field, Los Angeles County, commencing work on November 7, 19 57.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 11,500 feet

2. Complete casing record, including plugs:

41' - 20" 79# EW Casing
940' - 11-3/4" 47# J-55, R-3, SS Casing

Cement Plug from 11350 to 11100'

3. Last Produced Dry Hole
(Date) (Oil, B/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

No commercial oil or gas shows

5. Stratigraphic markers and depths: Top 21 Zone 10990

6. Geologic age at bottom: Miocene

7. Base of fresh water sands: 2100'

THE PROPOSED WORK IS

Place cement plugs as follows:

#1 - From 10,700' to 10,900' using 100 sacks of cement
#2 - From 2,000' to 2,200' using 100 sacks of cement
#3 - From 850' to 1,050' using 100 sacks of cement
#4 - From 5' to 25' using 10 sacks of cement

Casing will be cut off 5 feet below surface and 1/2-inch steel plate welded on top of casing.

Note: Division of Oil and Gas will be notified to witness location and hardness of plugs #3 and the placing of plug #4.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | ✓ | | |

Box 1196, Newhall, California
(Address)

Newhall 471
(Telephone No.)

HUMBLE OIL & REFINING COMPANY
(Name of Operator)

By James E. Cox
James E. Cox - District Superintendent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

ORM 111

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 157-1356

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING CO

Inglewood 3 Calif.
November 13 1957

DEAR SIR:

Your proposal to abandon Well No. "Castaic Junction Gas Unit No. 1" 1,

Section 15, T. 4 N., R. 17 W., S B B. & M., Del Valle Field, Los Angeles County,

dated Nov. 7, 1957, received Nov. 12, 1957, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE:
T. D. (1st hole) 10,450'.

THE NOTICE STATES
"The present condition of the well is:
1. Total Depth: 11,500 feet

2. Complete casing record, including plugs:
41' - 20" 79# EW Casing
940' - 11-3/4" 47# J-55, R-3, SS Casing

Cement plug from 11350 to 11100'

3. Last Produced Dry Hole

Additional Data for Dry Hole
4. Oil or Gas showings and results of tests: No commercial oil or gas shows

5. Stratigraphic markers and depth Top 21 Zone 10990'
6. Geologic age at bottom: Miocen
7. Base of fresh water sands: 210

PROPOSAL
"The proposed work is
Place cement plugs as follows:
#1 - From 10,700' to 10,900' using 100 sacks of cement
#2 - From 2,000' to 2,200' using 100 sacks of cement
#3 - From 850' to 1,050' using 100 sacks of cement
#4 - From 5' to 25' using 10 sacks of cement

Casing will be cut off 5 feet below surface and 1/2-inch steel plate welded on top of casi

Note: Division of Oil and Gas will be notified to witness location and hardness of plugs #3 and the placing of plug #4."

DECISION
THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

DER:OH
CC Company (2)
Newhall Land & Farming Co.

E. H. MUSSER, State Oil and Gas Supervisor

By _____, Deputy

Orig. Company, Los Angeles

25462 10-55 60M SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 157-1281

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING CO

Inglewood 3 Calif.
November 13, 1957

DEAR SIR:

Operations at your well No. "Castaic Junction Gas Unit No. 1" / 1, Sec. 15, T. 4 N, R. 17 W, S B B & M. Del Valle Field, in Los Angeles County, were witnessed on November 8, 1957. Mr. R. Johnson, Engineer, representative of the supervisor was present from 9:45 to 10:00 a.m. There were also present J. Ortega, Drilling Foreman, G. Daugherty, Drilling Foreman.

Present condition of well: 11-3/4" cem. 940'. T.D. (present hole) 11,500', plugged with cement 11,350'-11,100', 10,900'-10,664'±, 2200'-1920' and 1050'-813'. T.D. (1st hole) 10,450'.

The operations were performed for the purpose of witnessing the plugging operations in the process of abandonment.

Mr. Daugherty reported:

1. The hole was cleaned out from the surface to 2500'±, and a 10-5/8" hole redrilled f 2500'± to 4899', a 9-7/8" hole to 10,936', and an 8-3/4" hole to 11,500'.
2. On October 28, 1957, 115 sacks of cement mixed with 10% sand was pumped into the hole through 4-1/2" drill pipe hanging at 11,350'.
3. Cement was drilled out of the hole from 11,064'-11,100'.
4. On November 7, 1957, 100 sacks of cement was pumped into the hole through 4½" drill pi hanging at 10,900', calculated to fill to 10,664'.
5. On November 7, 1957, 125 sacks of cement was pumped into the hole through 4½" drill pi hanging at 2200", filling to 1920'.
6. On November 7, 1957, 100 sacks of cement was pumped into the hole through 4½" drill pi hanging at 1050'.

THE ENGINEER NOTED THAT the cement plug at the reported depth of 813' supported all the weight of the drill pipe.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

RJ:OH

R. Johnson 11:45 AM Nov 29, 1957
Noted that:
The top of the cement in the 11 3/4" casing was at the cellar fl 4' below the ground surface.
was no evidence of oil or gas seepage.

cc Company (2)
Newhall Land & Farming Co

Orig. Company, Los Angeles

E. H. MUSSER
State Oil and Gas Supervisor

By [signature] Deputy

63193 9-57 17M SPO

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Inglewood California

January 28 1958

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING CO

DEAR SIR:

Your report of abandonment of Well No. "Castaic Junction Gas Unit No. 1" 1, Sec. 15, T. 4 N, R. 17 W, S B B. & M., Del Valle field, Los Angeles County, dated December 7, 1957, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

N.C. 1-29 D.S. 1-29 D.S.

cc Mr E H Musser
Company, Newhall (2)
Newhall Land & Farming Co
Mr L A Dutton
Fire Prevention Bureau
Conservation Committee
orig Company, Los Angeles

es

E. H. MUSSER
*State Oil and Gas Supervisor*

By
*Deputy Supervisor*

48006 12-56 10M SPO

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-06668

12

DIVISION OF OIL AND GAS
RECEIVED
AUG 28 1953
LOS ANGELES, CALIFORNIA

D

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

La Habra Calif. August 27 1953

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. Blair #5, Sec. 15, T. 4N R. 17W, S.B. B. & M., Del Valle Field, Los Angeles County.

Legal description of lease
(Attach map or plat to scale)

Location of Well: 400.25 feet southerly (Direction) along ~~section~~ property line and 290.14 feet easterly (Direction) at right angles to said line from the most northwest corner ~~of section~~ property (Final) which is the westerly 1/4 corner of Section 15

Elevation of ~~ground~~ derrick floor above sea level 1036.46 feet U.S.G.S. (Final) datum.

All depth measurements taken from top of derrick floor which is 6.0 feet above ~~ground~~ concrete mat.
(Derrick Floor, Rotary Table or Kelly Bushing)

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 14" | Conductor | | 0 | 40' | 40' |
| 9" | 45# | 2nd hand | 0 | 1000' | 1000' |
| 5-1/2" | 15.5# & 20# | J-55 | 0 | 2450' | Combination string c.p.'d at 2050' |

Intended zone or zones of completion: "1900" Gas Zone

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A 8-28-53 | 8-28-53 | | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address Box 397, La Habra, Calif.

Standard Oil Company of California
(Name of Operator)

Telephone Number Oxford 7-1721

By W. C. Johnson
W.C. Johnson, Mgr., Prod. Dept., So. Dist.

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 153-1069

Los Angeles Calif. September 15 1953

Mr. W C Johnson
Los Angeles 54 Calif.
Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Operations at your well No. "Blair" 5 Sec. 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, in Los Angeles County, were witnessed by J F Matthews, Inspector, representative of the supervisor, on September 3, 1953. There was also present C Delano, Driller; A Taylor, Derrickman

Casing Record 9" cem. 850'; T.D. 1478' | Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 12:05 p.m. and Mr. Delano reported:

1. A 12-1/4" rotary hole was drilled from surface to 850' and a 9-5/8" rotary hole was drilled from 850' to 1000'.
2. On August 31, 1953, 9" 45 lb. casing was cemented at 850' with 375 sacks of cement.
3. The annulus between the 12-1/4" hole and the 9" casing was grouted with 40 sacks of cement through a 1" pipe hung at 70'.
4. A 7-5/8" rotary hole was drilled from 1000' to 1478'.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer control gate for closing in the well with the drill pipe out of the hole.
2. A Hydril blowout preventer for closing around the 4-1/2" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with the 2" high pressure stopcock into the9" casing below the above equipment.

The inspection was completed at 12:20 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

cc C W Gibbs
K B McNamara

B/G

JFM:ES

R. D. BUSH
State Oil and Gas Supervisor

By R. W. Walling Deputy
RK

44226 5-51 14,250 SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 153-1104

Los Angeles 15 Calif. September 1 1953

Mr. W C Johnson

121

Los Angeles Calif.

Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Your proposal to drill Well No. "Blair" 5,

Section 15, T. 4 N, R 17 W, S B B. & M., Del Valle Field, Los Angeles County,

dated Aug. 27 1953, received Aug. 28, 1953, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"Location of Well: 400.25 feet southerly along property line and 290.14 feet easterly at right angles to said line from the most northwest corner which is the westerly 1/4 corner of Section 15 (Final)

Elevation of derrick floor above sea level 1036.46 feet U.S.G.S. (Final) datum.

All depth measurements taken from top of derrick floor which is 6.0 feet above concrete ma

PROPOSAL

"PROPOSED CASING PROGRAM

Size of Casing

| Inches A.P.I. | Weight | Grade and Type | Top | Bottom | Cementing Depths |
|---|---|---|---|---|---|
| 14" | Conductor | | 0 | 40' | 40' |
| 9" | 45# | 2nd hand | 0 | 1000' | 1000' |
| 5-1/2" 15.5# & 20# | | J-55 | 0 | 2450' | Combination string c.p.'d 2050' |

Intended zone or zones of completion: "1900" Gas Zone

It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed and approved by this division.
2. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 1500'.
   (b) To witness a test of the effectiveness of the 5-1/2" shut-off.

FEK:OH

cc K B McNamara
C W Gibbs

Orig. W C Johnson Agent
Standard Oil Co of Calif
P O Box 397
LA HABRA California

R. D. BUSH
State Oil and Gas Supervisor

By R. N. Walling Deputy

59076 11-51 25,500 SPO

FORM 108. 57613 2-52 20M ③ SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 15 1953
LOS ANGELES, CALIFORNIA

# Notice of Intention to Abandon Well

**This notice must be given at least five days before work is to begin; one copy only**

La Habra, Calif. September 14, 1953

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given that it is our intention to abandon well No. Blair #5

Sec. 15; T. 4 N, R. 17 W, S. B. B. & M. Del Valle Field,

Los Angeles County, commencing work on the 14 day

of September 1953.

The present condition of the well is as follows:

1. Total depth. 2525 plugged to 2420'

2. Complete casing record. 14" cemented at 40'
9" cemented at 850'

3. Last produced. No commercial oil or gas shows encountered.
Date | Net oil | Gravity | Cut

The proposed work is as follows:

1. Bridge hole with cement from 2420 to 2200'.
2. Bridge hole with cement from 2000' to 1800'. Your Department to witness location and hardness of plug.
3. Bridge across 9" casing shoe from 900' to 800' with type "O" cement.
4. Place wooden plug in 9" casing 15' below cellar floor and fill to surface with cement.
5. Weld steel plate on 9" casing at cellar floor and abandon well.

Standard Oil Company of California
(Name of Operator)

By W. C. Johnson
W. C. Johnson, Mgr. Prod. Dept., So. Dist.

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 153-1180

Los Angeles 15 Calif. September 21 1953

MR. W C Johnson

Los Angeles 54 Calif.

Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Your _____ proposal to abandon Well No. "Blair" 5,

Section 15, T. 4 N, R 17 W, S B B. & M., Del Valle Field, Los Angeles County,

dated Sept 14 1953, received Sept 15 1953, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The present condition of the well is as follows:

1. Total depth. 2525 plugged to 2420'
2. Complete casing record. 14" cemented at 40'
   9" cemented at 850'
3. Last produced. No commercial oil or gas shows encountered."

PROPOSAL:

"The proposed work is as follows:

1. Bridge hole with cement from 2420 to 2200'.
2. Bridge hole with cement from 2000' to 1800'. Your Department to witness location and hardness of plug.
3. Bridge across 9" casing shoe from 900' to 800' with type "G" cement.
4. Place wooden plug in 9" casing 15' below cellar floor and fill to surface with cement.
5. Weld steel plate on 9" casing at cellar floor and abandon well."

DECISION:

THE PROPOSAL COVERING WORK ALREADY COMPLETED, IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

FEK:ES G/F

cc C W Gibbs
K B McNamara

R. D. BUSH
State Oil and Gas Supervisor

By R. W. Walling Deputy

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Los Angeles 16, California, March 8, 1954

Mr W C Johnson
Box 2437 Terminal Annex
Los Angeles 54 California

Agent for Standard Oil Company of California

Dear Sir

Your report of abandonment of Well No. "Blair" 5, Sec. 15, T. 4 N., R. 17 W., S.B. B. & M., Del Valle oil field, Los Angeles County, dated January 18, 1954, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A GB | GB 3/15/54 | | | | |

my
cc - Messrs C W Gibbs
K B McNamara
L A Dutton
E B Wilson
Conservation Committee

Orig - Mr W C Johnson
La Habra

R. D. BUSH
*State Oil and Gas Supervisor*

By R. W. Walling
*Deputy Supervisor*

82601 7-53 6700 SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 153-1223

Los Angeles Calif. October 16 1953

Mr. W C Johnson
Los Angeles 54 Calif.
Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Operations at your well No. "Blair" 5 Sec. 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, in Los Angeles County, were witnessed by G J Borkovich, Inspector, representative of the supervisor, on September 14, 1953. There was also present R Johnson, Drilling foreman
C Delano, Driller

Casing Record 14" cem. 40'; 9" cem. 850'; T.D. 2525', plugged with cement 2525'-2420', 2415'-2100'±, 2000'-1685', 891'-800'± and 26'-6'.

Junk None

The operations were performed for the purpose of witnessing the plugging operations in the process of abandonment.

~~The supervisor visited the well on the above date and observed the~~

INSPECTOR J F MATTHEWS VISITED THE WELL FROM 5:30 - 6:30 P.M. ON SEPTEMBER 13, 1953, AND MR R JOHNSON REPORTED THE FOLLOWING:

1. A 6-3/4" rotary hole was drilled 1478'-2525'.
2. On September 9, 1953, 125 sacks of cement was pumped into the hole through 3-1/2" drill pipe hanging at 2525'.
3. The top of the plug was located at 2386' and cement was drilled out to 2420'.
4. On September 13, 1953, 75 sacks of cement was pumped into the hole through 3-1/2" drill pipe hanging at 2415', calculated to fill to 2100'±.
5. On September 13, 1953, 75 sacks of cement was pumped into the hole through 3-1/2" drill pipe hanging at 2000'.

THE INSPECTOR NOTED that the cement plug at the reported depth of 1685' supported all the weight of the drill pipe.

THE INSPECTOR ARRIVED AT THE WELL AT 10:35 A.M. AND MR. JOHNSON REPORTED THE FOLLOWING:

1. On September 14, 1953, 35 sacks of cement was pumped into the hole through 3-1/2" drill pipe and 2-1/2" tubing hanging at 891', calculated to fill to 800'.
2. A wooden plug was set at 26'.

THE INSPECTOR NOTED that a total of 9 sacks of cement was dumped on the bridge at 26', filling to the top of the 9" casing which was in a cellar 6' deep.

The operations were completed at 11:10 a.m.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

cc C W Gibbs
K B McNamara

GJB:ES

R. D. BUSH
State Oil and Gas Supervisor

By R. N. Walling Deputy

82547 7-53 17,850 ⓢ SPO

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

September 29, 2000

W.J. Lovingfoss, Agent
LBTH, INC.
5574-B Everglades
Ventura, CA 93003

Your report of the plugging and abandonment of well "Blair" 7,

A.P.I. No. 037-06669, Section 15, T. 4N, R. 17W, SBB. & M.,

Del Valle field, Ventura County,

dated _____, received September 26, 2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on August 17, 2000.

2. Site inspection made and approved September 25, 2000.

**tkc**

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

**DEPARTMENT OF CONSERVATION**
1000 S. Hill Road, Suite 116
Ventura, CA 93003-4458

(805) 654-4761
FAX (805) 654-4765

September 30, 2000

W. J. Lovingfoss, Agent
LBTH, Inc.
5574-B Everglades
Ventura, CA 93003

Dear Mr. Lovingfoss,

**Del Valle Field**
**"Blair" Lease**

A Final Lease Inspection of the subject lease on September 25, 2000 revealed full compliance with Division of Oil, Gas and Geothermal Resources environmental regulations. All wells have been properly plugged and abandoned and all facilities have been removed. The lease has been properly restored in accordance with current Division regulations.

Thank you for your cooperation.

Sincerely,

Patrick J. Kinnear
Deputy Supervisor
Division of Oil, Gas and Geothermal

OPERATOR [illegible] USA
LSE & NO [illegible] 7
MAP [illegible]

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | [illegible] | [illegible] | | | | |
| NOTICE DATED | 7-5-79 | 6-9-00 | | | | |
| P-REPORT NUMBER | 279-203 | [illegible] | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | [illegible] | 9-2-00 | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 7-11-79 | | 6-8-00 | | | | | | | | | |
| HISTORY | 12-8-80 | | 9-26-00 | | | | | | | | | |
| SUMMARY | 12-8-80 | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER [illegible] CBL [illegible] | 10-11-79 | | | | | | | | | | | |
| RECORDS COMPLETE | | | 9-26-00 | SPM | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | |
| OPERATOR'S NAME | |
| WELL DESIGNATION | |
| LOC & ELEV | |
| SIGNATURE | |
| SURFACE INSPECTION | 9-25-00 SPM |
| FINAL LETTER OK | 9-26-00 SPM |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

OK

REMARKS: _____

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator LBTH, Inc. Field Del Valle County Los Angeles
Well Blair No. 7 Sec. 15 T.4N R. 17W S.B.B.&M.
A.P.I. No. 03706669-002 Name W. J. Lovingfoss (Person submitting report) Title President (President, Secretary, or Agent)
Date _____ (Month, day, year)
Signature W J Lovingfoss
Address 5574 B-Everglades, Ventura, CA 93003 Telephone Number 805-650-1811

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

RECEIVED SEP 2 0 2000 VENTURA, CALIFORNIA

Date

## BLAIR NO. 7 ABANDONMENT

6-19-2000

1. Move on rig.
2. Well had 1850 psi casing pressure, (well had been shut-in for at least 20 years). Chevron had pulled all tubular goods from well.
3. Attempted to bleed off pressure without success.
4. Rigged up on well with adjustable choke.
5. Began pumping water in casing 25 – 50 barrel increments. Bled off casing at conclusion of each increment until surface pressure was zero.
6. Picked up tubing and went in hole to 8080'
7. Mud up well with 10.0 #/gallon mud.
8. With tubing tail at 8075' spotted 113 ft class G cement. Pull up to 7426' and reverse out. Reversed small amount of cement.
9. With tubing tail @ 7426', spot 129 ft of cement. Pull up to 6835' – attempt to reverse out tubing and tubing plug.
10. Pick up and wait on cement to set.
11. Tag top of cement 7045' – witnessed by Bruce Hessen – DOG.
12. Make cavity shot @ 2125'.
13. Ran tubing to 2147' and cement with 94 ft class G cement – pull up and let cement set.
14. Tag top of cement @ 1025' – top OK by DOG, (Bruce Hesson).
15. Cut casing 6' below surface and cemented 7" casing and 7" x 13 3/8" annular space with cement (30 feet of cement).
16. Weld steel plate on top of casings – OK by DOG.



SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-128**

# Report on Operations

W.J. Lovingfoss, Agent
LBTH INC.
5574-B Everglades
Ventura, CA. 93003

Ventura, California
August 24, 2000

Your operations at well **"Blair" 7,** API No. **037-06669,** Sec. **15**, T. **4N**, R.**17W**, S.B.B.&M. **Del Valle** Field, in **Los Angeles** County, were witnessed on **08-17-2000**. **Steve Mulqueen,** representative of the supervisor, was present from **1330** to **1430**. There were also present **Warren Lovingfoss.**

Present condition of well: **13 3/8" cem 878'; 7" cem 10190', cav shot @ 2125', 7250', 7560', 7860' & 7930', perf 7245' wso & perf 10148' wso, perfs @ int 7275'-8288' & 9880'-10125'; 5" ld 10250', cp 2125', perf 10187'-10245'. TD 10508'. Bp 8532'. Plugged w/ cem 8532'-8412', 8100'-8095' +/-, 8074'-7045', 2125'-1835' & 32'-5'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P 200-132

# PERMIT TO CONDUCT WELL OPERATIONS

198 (field code)
06 (area code)
– (new pool code)
00 (old pool code)

W.J. Lovingfoss
LBTH, Inc.
5574 B-Everglades
Ventura, California 93003

Ventura, California
June 13, 2000

Your _____ proposal to plug and abandon well "Blair" 7,
A.P.I. No. 037-06669-02 Sec. 15, T. 4N, R. 17W, SB B.&M.,
Del Valle field, Main area, ——— pool
Los Angeles County, dated 6/7/00 received 6/8/00 has been examined in conjunction with records filed in this office.

## THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least ~~8412'~~. 8100
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs.,cu. ft and a minimum gel shear strength of 20 lbs./100 sq. ft.
5. Well site restoration is completed with 60 days following the plugging and abandonment of the well.
6. This office shall be consulted before deviating from the proposed abandonment program.
7. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To witness the location and hardness of the cement plug at 7145'.
   b. To witness the mudding of the well.
   c. To witness the location and hardness of the cement plug at 2000'.
   d. To witness the placing of the surface plug or to verify its location.
   e. To inspect and approve the cleanup of the wellsite before approval of abandonment will be issued.

Notes:

In conjunction with well plugging and abandonment operations, any auxiliary holes, such as rat holes, shall be filled with earth and compacted properly, all construction material, cellars, production pads, shall be removed and the resulting excavations filled with earth and compacted properly to prevent setting, well locations shall be graded and cleared of equipment, trash, and other waste materials, and returned to as near a natural site as practicable.

This abandonmnet is part of an abandonment program that includes the complete lease abandonment. Total lease restoration must begin within three (3) months and must be completed within one year after the abandonment of the last well on this lease. Prior to the plugging and abandonment of this well, a lease restoration plan and schedule must be submitted to this office. The plan shall include the locations of any existing or previously removed, where known, sumps, tanks, pipelines, and facility settings.

Engineer Steven A. Fields

Phone (805) 654-4761

WILLIAM F. GUERARD, JR., State Oil and Gas Supervisor

By _____ Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

198
06-Main
132
00

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☐
BOND BB
OGD114 ☑
OGD121 ☑

# Notice of Intention to Abandon Well

File in Duplicate.

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** Blair No. 7 **API No.** 03706669-002 **Sec.** 15 **T.** 4N **R.** 17W S.B. **B.&M.**

Del Valle **Field** Los Angeles **County, starting work on** 6-15-00 ±

***The present condition of the well is***

**1. Total depth:** 10,280'

**2. Complete casing record, with plugs and perforations (present hole):**

| | | | |
|---|---|---|---|
| 20" | CSG @ | 46' | PLUGS |
| 13 3/8" | CSG @ | 878' | 10,255-10,500' |
| 7" | CSG @ | 10,190' | CAST IRON BP @ 8532' |
| 5" Liner hung @ | | 10,250' | Capped w/cement to 8412' |

Perforations – See Attachment

**3. Date last produced or injected:** 11/23/64 0 BOPD/93 BWPD/82 MCFD

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**

☐ Yes ☐ No

**The proposed work is as follows:**

1. Use coiled tubing, rig and circulate 9.5#/gal @ 8100' – make diligent attempt to clean out cement/sand to top of cement @ 8412'.
2. Begin spotting cement plugs to cover WSO holes, cemented WSO holes and perforations. Gross interval is from 7100' to 8300' (1200' gross).
3. DOG to tag cement top at 7175'±. 7145
4. Make cavity shot @ 2200' – place cement from 1900-2100'.
5. DOG to tag.
6. Cut 7" and 13 3/8" casing and spot 100' surface plug.
7. Weld on steel plug 5' below surface.
8. Clean up surface as required.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5574 B-Everglades (Street)

Ventura (City) CA (State) 93003 (Zip)

Telephone Number 805-650-1811 (Area Code) (Number)

LBTH, Inc. (Name of Operator)

By W. J. Lovingfoss (Print Name)

[signature] (Signature) 6/7/00 (Date)

OG108 (8/97)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 28 1952
LOS ANGELES, CALIFORNIA

037-06638

14

## Notice of Intention to Drill New Well

**This notice and surety bond must be filed before drilling begins**

La Habra, Calif. November 25, 19 52

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. BLAIR #38, Sec. 15, T. 4 N., R. 17 W., S.B. B. & M., DEL VALLE Field, LOS ANGELES County.

Legal description of lease
(Attach map or plat to scale)

Location of Well: 2199.9 feet easterly (Direction) along ~~XXXXX~~ property line and 250.2 feet northerly (Direction) at right angles to said line from the southwest corner of ~~XXXXX~~ ~~property~~ the Blair lease. (Final)

Elevation of ~~XXXXX~~ derrick floor above sea level 1028.06 feet U.S.G.S. (Final) datum.

All depth measurements taken from top of derrick floor (Derrick Floor, Rotary Table or Kelly Bushing) which is 8.83 feet above ~~XXXXX~~ concrete mat.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 20" | conductor pipe | | Surface | 40' | 40' |
| 11-3/4" | 47# | J-55 | Surface | 1200'± | 1200'± |
| 7" | 23#, 26#, 29# | J-55 & N-80 | Surface | 10200'± | 10200'± |
| 5" | 18# | J-55 | 10,180' | 10320' | perforated liner-landed |

Intended zone or zones of completion: Sub-Barnes

12-2-52 12-2-52

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address Box 397, La Habra, California

Telephone Number Oxford 7-1721

STANDARD OIL CO. OF CALIFORNIA
(Name of Operator)

By W.C. Johnson
W.C. JOHNSON, Mgr., Prod. Dept., So. Dist.

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

46965 7-51 20M ① SPO

FORM 111 (1-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P152-1492

Los Angeles 15 Calif. December 4 1952

Mr. W C Johnson
Box 2437 Terminal Annex
LOS ANGELES 54 Calif.

Agent for STANDARD OIL COMPANY OF CALIFORNIA

DEAR SIR:

Your _____ proposal to drill Well No. "Blair" 38,

Section 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, Los Angeles County,

dated Nov. 25 1952, received Nov. 28 1952, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"Location of Well: 2199.9 feet easterly along property line and 250.2 feet northerly at right angles to said line from the southwest corner of the Blair lease. (Final) Elevation of derrick floor above sea level 1028.06 feet U.S.G.S. (Final) datum. All depth measurements taken from top of derrick floor which is 8.83 feet above concr mat."

PROPOSAL

"PROPOSED CASING PROGRAM

| Size of Casing Inches A.P.I. | Weight | Grade and Type | Top | Bottom | Cementing Depths |
|---|---|---|---|---|---|
| 20" | conductor pipe | | Surface | 40' | 40' |
| 11-3/4" | 47# | J-55 | Surface | 1200'± | 1200'± |
| 7" | 23#,26# 29# | J-55 & N-80 | Surface | 10200'± | 10200'± |
| 5" | 18# | J-55 | 10,180' | 10320' | perforated liner-lande |

Intended zone or zones of completion: Sub-Barnes

It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Blowout prevention equipment, sufficient to provide a complete close-in of the well un pressure at any time, shall be installed and approved by this division.
2. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 1500'
   (b) To witness a test of the effectiveness of the 7" shut-off.

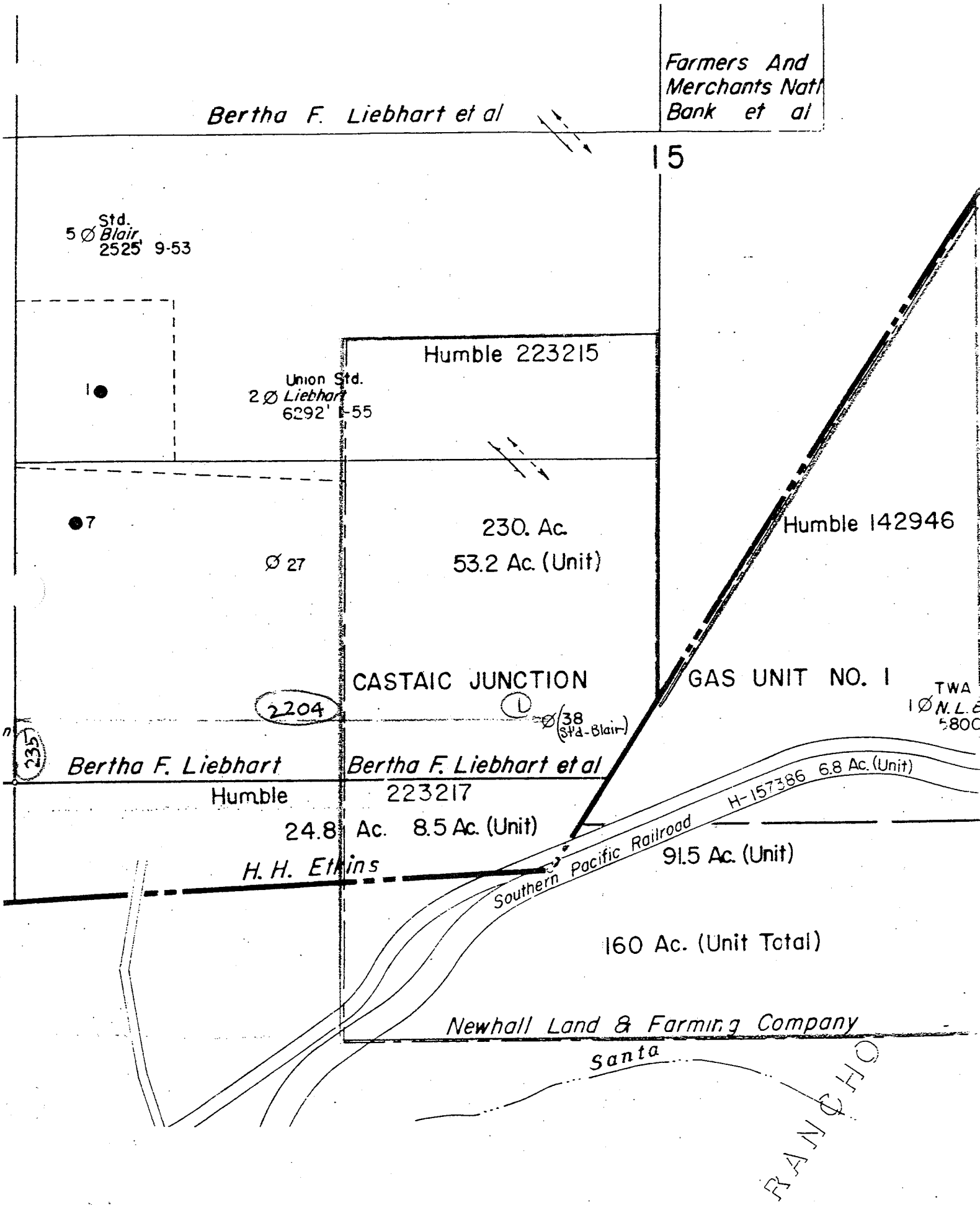
ERMA:OH B/

cc K B McNamara
K H Shaffer
Orig. W C Johnson, Agent, La Habra

R. D. BUSH
State Oil and Gas Supervisor

Blanket bond.

By E. H. Musser Deputy


Farmers And Merchants Natl Bank et al
Bertha F. Liebhart et al
15
Std.
5 Ø Blair
2525' 9-53
Humble 223215
Union Std.
2 Ø Liebhart
6292' 1-55
1
7
Ø 27
230. Ac.
53.2 Ac. (Unit)
Humble 142946
CASTAIC JUNCTION
GAS UNIT NO. 1
2204
235
Ø (38 Std-Blair)
Bertha F. Liebhart
Humble
24.8 Ac.
Bertha F. Liebhart et al
223217
8.5 Ac. (Unit)
H. H. Etkins
Southern Pacific Railroad
H-157386 6.8 Ac. (Unit)
91.5 Ac. (Unit)
160 Ac. (Unit Total)
Newhall Land & Farming Company
Santa
RANCHO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 153-44

Los Angeles 15
Calif. January 13 1953

Mr W C Johnson
P O Box 397
La Habra Calif.
Agent for STANDARD OIL COMPANY OF CALIFORNIA

121

DEAR SIR:

Operations at your well No. "Blair" 38 Sec. 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, in Los Angeles County, were witnessed by J. F. Matthews, Inspector, representative of the supervisor, on December 23, 1952. There was also present E. Martin, Driller; R. McClure, Derrickman.

Casing Record 11-3/4" cem. 940'. T.D. 3830'. | Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 3:20 p.m. and Mr. Martin reported:

1. A 17-1/2" rotary hole was drilled from the surface to 940'.
2. On December 13, 1952, 11-3/4", 47 lb. casing was cemented at 940' with 950 sacks c
3. Cement returned to the surface.
4. A 10-5/8" rotary hole was drilled from 940' to 3830'.

THE INSPECTOR NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. A Hydril blowout preventer for closing in the well with the drill pipe out of the hol
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 11-3/4" casing below the above equipment.
5. A high pressure stopcock on the kelly.

The inspection was completed at 3:35 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

JFM:OH

cc K B McNamara

C W Gibbs Asst Gen Mgr Producing Dept
Standard Oil Co of California
225 Bush Street
San Francisco 20 California

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Meesser Deputy

3/9/53
Engel, S.O. Co phoned T.D. 10
Sands non-commercial or wet
Now plugged 10 450-10006,
8348-8222 + 7900-7600 +
Will file hole with mud 7600',
Close in at surf + suspend
E. Bma

M/A

56241 1-52 17,500 ② SPO

FORM 107. 36140 11-50 10M SPO

DIVISION OF OIL AND GAS
RECEIVED
MAR 11 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

La Habra Calif. March 9, 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling~~, plugging ~~altering casing~~ Well No. Blair #38
(Cross out unnecessary words)

, Sec. 15, T. 4-N, R. 17-W, S.B. B. & M.

Del Valle Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 10,450'  Plugs: 10,450-10,006', 8348-8222', 7900-7600'± (top not located).

2. Complete casing record.

20" cemented at 41'
11-3/4" cemented at 940'

3. Last produced. No commercial oil or gas encountered
(Date) (Net Oil) (Gravity) (Gas)

The proposed work is as follows: (confirming conversation Murry-Aaron-Engel March 9, 1953)

1. Bridge hole with cement from 7900-7600'±
2. Fill hole with mud, close in at surface and suspend operations.

Plug

| Map Book | Cards | Bond | Forms 114 | Forms 121 |
|---|---|---|---|---|
| | | | | |

Standard Oil Company of California
(Name of Operator)

By W. C. Johnson
W.C.Johnson, Mgr., Prod.Dept., So.Dist.

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111 (1-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 153-340

Los Angeles 15 Calif. March 16 1953

Mr. W C Johnson

Los Angeles 54 Calif.

Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Your _____ proposal to plug Well No. "Blair" 38,

Section 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, Los Angeles County,

dated March 9 1953, received March 11 1953, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"The present condition of the well is as follows:

1. Total depth. 10,450' Plugs: 10,450-10,006', 8348-8222', 7900-7600'± (top not located).
2. Complete casing record.
   20" cemented at 41'
   11-3/4" cemented at 940'
3. Last produced. No commercial oil or gas encountered."

PROPOSAL

"The proposed work is as follows: (confirming conversation Murry-Aaron-Engel March 9,195

1. Bridge hole with cement from 7900-7600'±
2. Fill hole with mud, close in at surface and suspend operations."

DECISION

THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

ERMA:OH

cc K B McNamara

C W Gibbs, Asst Gen Mgr Producing Dept
Standard Oil Co of California
225 Bush Street
San Francisco 20 California

Orig W C Johnson Agent
Standard Oil Co of California
P O Box 397
La Habra California

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

Blanket bond.

FORM 108. 57613 2-52 20M ② SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 7 1953
LOS ANGELES, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

La Habra, Calif. December 4, 1953

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given that it is our intention to abandon well No. Blair #38

Sec. 15, T. 4-N., R. 17-W., S.B. B. & M. Del Valle Field,

Los Angeles County, commencing work on the _____ day

of December 1953.

The present condition of the well is as follows:

1. Total depth. 10,450' Plugs: 10,450' - 10,006'; 8348-8222' & 7900'-7600'± with cement

2. Complete casing record.
   20" cemented at 41'.
   11-3/4" cemented at 940'. Steel plate on top 11-3/4" casing.

   Junk: None

   Note: Hole filled with mud.

3. Last produced. Never produced. Suspended March 9, 1953 _____
   Date Net oil Gravity Cut

The proposed work is as follows: (Confirming conversation Kasline-Engel, December 2, 1953)

1. Plug 10-5/8" hole from 2550-2350'±.
2. Bridge across 11-3/4" shoe from 1000-850' with cement.
3. Hang wooden plug 25' below cellar floor and cap to surface with cement.
4. Weld steel plate on top of 11-3/4" casing and abandon hole.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Standard Oil Company of California
(Name of Operator)

By W. C. Johnson
W. C. Johnson, Mgr. Prod. Dept., So. Dist.

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111 (1-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 153-1487

Los Angeles 15 Calif. December 8, 1953

Mr. W C Johnson

Los Angeles Calif.

Agent for STANDARD OIL CO OF CALIFORNIA

Dear Sir:

Your proposal to abandon Well No. "Blair" 38,

Section 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, Los Angeles County,

dated Dec. 4 1953, received Dec. 7 1953, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE

The electric log indicates the base of the fresh waters to be at about 2500'.

THE NOTICE STATES

"The present condition of the well is as follows:

1. Total depth. 10,450' Plugs: 10,450' - 10,006'; 8348-8222' & 7900'-7600'± with cement
2. Complete casing record.
   20" cemented at 41'.
   11-3/4" cemented at 940'. Steel plate on top 11-3/4" casing.
   Junk: None

   Note: Hole filled with mud.

3. Last produced. Never produced. Suspended March 9, 1953."

PROPOSAL

"The proposed work is as follows: (Confirming conversation Kasline-Engel, December 2, 1953)

1. Plug 10-5/8" hole from 2550-2350'±.
2. Bridge across 11-3/4" shoe from 1000-850' with cement.
3. Hang wooden plug 25' below cellar floor and cap to surface with cement.
4. Weld steel plate on top of 11-3/4" casing and abandon hole."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED TO WITNESS

1. The location and hardness of cement plug at about 2350'.
2. The cementing operations in plugging the hole at the surface.

FKK:OH

cc K B McNamara
C W Gibbs

Orig W C Johnson Agent
La Habra California

6/RB

R. D. BUSH
State Oil and Gas Supervisor

Blanket bond.

By R. N. Nelling Deputy

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 153-1513

Los Angeles Calif. January 5 1954

Mr. W C Johnson
Los Angeles Calif.
Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Operations at your well No. "Blair" 38 Sec. 15, T. 4 N, R. 17 W, S B B. & M., Del Valle Field, in Los Angeles County, were witnessed by See below, representative of the supervisor, on December 17, 1953. There was also present See below

Casing Record 11-3/4" cem. 940'; T.D. 10,450', plugged with cement 10,450'-10,006', 8348'-8222', 7900'-7600'±, 2550'-2294', 1000'-840' and 25'-0' 30*

Junk None

The operations were performed for the purpose of witnessing the plugging operations in the process of abandonment.

MR W ENGEL, ENGINEER, REPORTED BY TELEPHONE THE FOLLOWING:

1. On December 12, 1953, 150 sacks of cement was pumped into the hole through 2-7/8" tubing hanging at 2550', filling to 2294'.
2. On December 13, 1953, 100 sacks of cement was pumped into the hole through 2-7/8" tubing hanging at 1000', filling to 840'.
3. A wooden plug was hung at 25'.
4. Cement was poured into the hole, filling to the top of the 11-3/4" casing.

THE INSPECTOR ARRIVED AT THE WELL AT 11:20 A.M. AND NOTED THAT the location was graded over and there was no evidence of oil or gas leaks.

The inspection was completed at 11:30 a.m.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

NOTE: The location and hardness of the cement plug at 2294' was not witnessed by a member of this Division for the reason that no Inspector was available.

VFG:ES

M/F

cc K B McNamara
C W Gibbs

* See history

R. D. BUSH
State Oil and Gas Supervisor

By R. N. Walling Deputy

44226 5-51 14,250 ② SPO

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Los Angeles 15, California, February 4, 1954

Mr W C Johnson Agent
Standard Oil Co of California
Box 2437 Terminal Annex
Los Angeles California

Dear Sir

Your report of abandonment of Well No. "Blair" 38, Sec. 15, T. 4 N, R. 17 W, S B B. & M., Del Valle oil field, Los Angeles County, dated January 27, 1954, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

Yours truly

R. D. BUSH
*State Oil and Gas Supervisor*

By R. N. Walling
*Deputy Supervisor*

cc Mr R D Bush
Mr C W Gibbs
Mr K B McNamara
Conservation Committee

es

82601 7-53 6700 SPO

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

September 29, 2000

W.J. Lovingfoss, Agent
LBTH, INC.
5574-B Everglades
Ventura, CA 93003

Your report of the plugging and abandonment of well "Blair" 27,

A.P.I. No. 037-06670, Section 15, T. 4N, R. 17W, SBB. & M.,

Del Valle field, Ventura County,

dated ——, received September 26, 2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on August 17, 2000.

2. Site inspection made and approved September 25, 2000.

tkc

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

**DEPARTMENT OF CONSERVATION**
1000 S. Hill Road, Suite 116
Ventura, CA 93003-4458

(805) 654-4761
FAX (805) 654-4765

September 30, 2000

W. J. Lovingfoss, Agent
LBTH, Inc.
5574-B Everglades
Ventura, CA 93003

Dear Mr. Lovingfoss,

**Del Valle Field**
**"Blair" Lease**

A Final Lease Inspection of the subject lease on September 25, 2000 revealed full compliance with Division of Oil, Gas and Geothermal Resources environmental regulations. All wells have been properly plugged and abandoned and all facilities have been removed. The lease has been properly restored in accordance with current Division regulations.

Thank you for your cooperation.

Sincerely,

Patrick J. Kinnear
Deputy Supervisor
Division of Oil, Gas and Geothermal

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-127**

# Report on Operations

W.J. Lovingfoss, Agent
LBTH INC.
5574-B Everglades
Ventura, CA. 93003

Ventura, California
August 24, 2000

Your operations at well **"Blair" 27,** API No. **037-0670,** Sec. **15**, T. **4N**, R.**17W**, S.B.B.&M. **Del Valle** Field, in **Los Angeles** County, were witnessed on **08-17-2000**. **Steve Mulqueen,** representative of the supervisor, was present from **1330** to **1430**. There were also present **Warren Lovingfoss.**

Present condition of well: **13 3/8" cem 2189'; 7" cem 8075', cav shot @ 2200', cp 7945' & 8045', perf 7940', perf @ int 7965'-8020'; 5" ld 7832'-10283', perf 9880' wso, perf 10205' wso, perfs 9880', perfs @ int 9920'-10277'. TD 10290'. Plugged w/ cem 7941'-7716', 2164'-1808' & 32'-5'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| Del Valle | 2 |
| **Former owner** | **Date** |
| Chevron USA Inc. | Sept. 13, 1989 |

Name and location of well(s)

Sec. 15, T. 4N., R. 17W., SBB&M

"Blair" 7 (037-06669)
"Blair" 27 (037-06670)

Sec. 17, T. 4N., R. 17W., SBB&M

"Sepulveda" 1 (037-06677)
"Sepulveda" 3 (037-06679)
"Sepulveda" 4 (037-06680)
"Sepulveda" 6 (037-06682)
"Sepulveda" 7 (037-06683)
"Sepulveda" 8 (037-06684)

Sec.17,T.4N.,R.17W.,SBB&M (CONT'D)

"Sepulveda" 9 (037-06685)
"Sepulveda" 11 (037-06687)
"Sepulveda" 12 (037-06688)
"Sepulveda" 20 (037-06689)

Sec. 21, T. 4N. R. 17W., SBB&M

"Vasquez" 2 (037-06690)
"Vasquez" 3 (037-06691)
"Vasquez" 5 (037-06693)
"Vasquez" 6 (037-06694)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 7-1-89 | LBTH, Inc. | Inc. |
| | Address: 5574-B Everglades, Ventura, CA 93003 | Telephone No. 805-642-6881 |

Reported by: Chebron USA Inc.

Confirmed by: LBTH, Inc.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| pa | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| pa | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF PROPERTY AND WELL TRANSFER

Field or County Del Valle

District 2

Former Owner: Standard Oil Company of California

Date March 9, 1977

Description of Property Sections 15, 17, 19, 20, and 21, T. 4N., R. 17W., S.B.B. & M.

List of Wells ALL WELLS

Date of Transfer January 1, 1977
New Owner: Chevron U.S.A. Inc.
Address: P. O. Box 7643
San Francisco, CA 94120
Telephone No. 415-434-7700

Type of Organization Corporation
Reported by: Standard Oil Co.
Confirmed by: Chevron U.S.A. Inc.
New Operator New Status PA , Old Operator New Status Ab
Request Designation of Agent

Remarks: NAME CHANGE ONLY

r

| | INITIALS | DATE |
|---|---|---|
| Form 121 | | |
| New Well Cards | | |
| Well Records | | |
| Electric Logs | | |
| Production Reports | | |
| Map and Book | | |
| Form 148 | | |
| Notice to be cancelled | | |
| Bond status | | |

Deputy Supervisor

| LEGEND |
|---|
| PA—Producing Active |
| NPA—Non Potential Active |
| PI—Potential Inactive |
| NPI—Non Potential Inactive |
| Ab—Abandoned or No More Wells |

105. 45230 6-37 10M.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL & GAS
RECEIVED
OCT 2 - 1941
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-06717

12

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. September 30 19 41

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No. "Liebhart" ~~No.~~ 1, Sec. 15, T. 4 N, R. 17 W, S.B. B. & M., Del Valle ~~Oil~~ Field, Los Angeles County.

Lease consists of 160 Acres

The well is 1593.40 feet N. or ~~S.~~ and 342.24 feet E. or ~~W.~~ from S. W. cor. Sec. 15
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~derrick floor~~ ground above sea level is 1025 plus feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 5900 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8 | 43# | Slipjoint | 375 | Cmt'd |
| 7" | 26# & 24# | J-55 | 5900 | Cmt'd |
| 5-1/2 | 14# | A | 6100 | Ldd. |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 811 W. 7th Street
Los Angeles, California

Telephone number MI-2601

R. E. HAVENSTRITE, OPERATOR
(Name of Operator)

By D. H. Sheldon
D. H. Sheldon, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Book
10-3-41
JNG

ORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-36945

Los Angeles, Calif. October 7, 1941.

Mr. Dean H. Sheldon,
Los Angeles, Calif.

Agent for R. E. HAVENSTRITE, OPERATOR.

Dear Sir:

Your proposal to drill Well No. "LIEBHART" 1, Section 15, T. 4 N., R. 17 W., S.B. B. & M., Del Valle Field, Los Angeles County, dated Sept. 30, 1941, received Oct. 2, 1941, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 1593.40 feet N. and 342.24 feet E. from S. W. cor. Sec. 15
The elevation of the ground above sea level is 1025 plus feet.
We estimate that the first productive oil or gas sand should be encountered at a depth of about 5900 feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as her in indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8 | 43# | Slipjoint | 375 | Cmt'd |
| 7" | 26# & 24# | J-55 | 5900 | Cmt'd |
| 5-1/2 | 14# | A | 6100 | Ldd. |

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be provided and ready for use at all times.
3. Any hole to be sidetracked in any oil zone shall be filled with cement, if possible.
4. The formations to be left back of the 7" casing shall be mudded in a manner consistent wit good drilling practice.
5. This division shall be notified to examine cores and/or electrical log before running the 7" casing.
6. The column of mud fluid back of the 7" casing shall be maintained to the surface for at least 30 days after cementing this casing.
7. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To witness the cementing of the 13-3/8" casing.
   (b) To witness a test of the effectiveness of the 7" shut-off.
   (c) To inspect the blowout prevention equipment and installation before drilling below 150

cc- Company
CLB:OH
R/at

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Mussser Deputy

RECEIVED

MAY 27 1953

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given fifteen days before work begins when possible

Santa Paula, Calif. May 26, 1953

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at well No. Liebhart No. 1
(Cross out unnecessary words)

, Sec. 15, T. 4N, R. 17W, S.B. B. & M.

Del Valle Field, Los Angeles County.

The present condition of the well is as follows:

1. Complete casing record. 8159' Total Depth. 7669' Redrilled. Zero: 8.60' above mat.
13 3/8" 54# C 361'.
7" 24, 26, & 28# C 6645'. CP 2016' w/400 sax. Theoretical top of cement 5245'.
Windows cut at 6583' & 6372'.
1418' 4 3/4" 16# H 7668' incl. 77' perfs ~~7591-7668'~~ - cemented (?). (Reperf see below.)
CP 7590' w/100 sax. Theoretical top of cement 5600'±. Top liner splice at 6250'.
Gun perf'd 7311-7315', 7321-7329', 7354-7358', 7424-7458', 7489-7497', 7559-7564'.
Reperf'd 7603-7659'.
W.S.O. 7575' squeezed.
W.S.O. 7270' DD.
Junk: 5 1/2" & 4 3/4" liner 6620-7150', 4 3/4" liner 6479-7700', 7" casing 6372-6645'.

2. Last produced 5-25-53 (Date) 3 (Net Oil) 40.7° (Gravity) 42.2% (Cut)

The proposed work is as follows:

1. Run in with Otis wire line tubing perforator and punch holes in tubing above packer at 6643'.
2. Pull rods and tubing. Fill hole with salt water & install Shaffer gates before pulling tubing.
3. Rig wire line lubricator and run in with McCullough glass jet gun. Perforate at intervals between 7280-7550'.
4. Move in pumping unit and put well on production.

| MAP | BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Union Oil Company of California
(Name of Operator)

By F. R. Wade
F. R. Wade, Division Engineer

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107
73216 5-47 17,500 SPO

FORM 107.

DIVISION OF OIL AND GAS
RECEIVED
MAY 24 1957
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Santa Paula Calif. May 23 1957

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Liebhart No. 1
(Cross out unnecessary words)
, Sec. (16) 15, T. 4N, R. 17W, S.B. B. & M.

Del Valle Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7669' RD TD

2. Complete casing record.
13-3/8" 54# Cmt'd at 361'
7" 24, 26, and 28# Cmt'd at 6645', C.P. at 2016'
Window cut at 6372'
4-3/4" 16# Hung at 7668', incl. 77' perfs 7591-7668'.
Top of liner 6250'.
C.P. at 7590' w/100 sax, liner splice test O.K.
W.S.O. at 7575' - ~~O.K.~~ - sqzd.
W.S.O. at 7270' - ~~O.K.~~
Gun-perforated 7280-7345', 7354-7358', 7375-7410', 7424-7458', 7460-7580', 7603-7659'.

3. Last produced. April 30, 1957 (Date) 3 B/D (Net Oil) 42.0° (Gravity) 51.5% (Cut)

The proposed work is as follows:

1. Test 4-3/4" W.S.O. at 6980'. Division of Oil and Gas to witness.
2. Gun perforate the following intervals: 6998-7133', 7143-7191', 7202-7227'.
3. Return well to production.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

UNION OIL COMPANY OF CALIFORNIA, Operator
(Name of Operator)

By F. R. Wade
F. R. Wade, Division Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
JAN 29 1962
INGLEWOOD, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Santa Paula Calif. January 26 1962

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. Liebhart No. 1, Sec. 15, T. 4N,

R. 17W, S.B. B. & M., Del Valle Field, Los Angeles County,

commencing work on January 29 1962.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: Redrill T.D. 7669'

2. Complete casing record, including plugs:

13-3/8" 54# C 361'
7" 24, 26, & 28# C 6645' - T.T.C. 5245'
C.P. 2016' w/400 sax
C.P. 2136' sqzd. 162 sax
W.S.O. 6645'
Casing Bowl at 291'
Cut window in 7" at 6372'
1418' - 4-3/4" 16# L 7668' incl. perfs 7590-7668'
Top liner at 6250'
C.P. 7590' w/100 sax

3. Last Produced 7-61 (Date) 23/1 - 96% - 31.5° (Oil, B/D) - 22 (Water, B/D) Mcf

ADDITIONAL DATA FOR DRY HOLE

4. ~~Oil or Gas showings and results of tests:~~
Casing Record (Continued):
W.S.O. 6250, 6980, 7575, 7270'
Gun-perf'd 7311-15, 7321-29, 7354-58, 7424-56, 7489-97, 7559-64'
Jet-perf'd 7276-7341, 7371-7406, 7426-46, 7456-7576, 6998-7133, 7143-91, 7202-27'.

5. Stratigraphic markers and depths:

Base of Saugus sand - 1965'.

6. Geologic age at bottom: U. Miocene

7. Base of fresh water sands: Unknown

THE PROPOSED WORK IS

1. Plug through 2" and 2-1/2" tubing at 6275' with 75 sax cement. Pull up to 5500' and stand cemented 3 hours. Check top of cement, must be above 6200'. Witness and approve by Division of Oil and Gas.

2. Plug through tubing at 2150' with 75 sax. Stand cemented 3 hours, check top of cement, must be above 1900'. Witness and approve by Division of Oil and Gas.

3. Cut off casing base. Lay in 10' top plug across 13-3/8" and 7" casing. Weld on 1/4" plate over stub. Remove concrete and restore location.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

1003 Main St., Santa Paula, Calif.
(Address)

Jackson 5-4422
(Telephone No.)

UNION OIL COMPANY OF CALIFORNIA
(Name of Operator)

By H. H. Ewing
H. H. Ewing, Engineering Supervisor

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Los Angeles 15 California

March 22, 19 55

Mr W S Eggleston Agent for
Union Oil Company of California Operator
Union Oil Bldg 617 West Seventh St Room 1123
Los Angeles 14 California

Dear Sir

Your report of abandonment of Well No. "Liebhart" 2, Sec. 15, T. 4 N., R. 17 W., S.B. B. & M., Del Valle field, Los Angeles County, dated February 17, 1955, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS | |
|---|---|---|---|---|---|
| | | | | 114 | 121 |
| 64L (18A) | | | | | |

Yours truly

E. H. MUSSER
*State Oil and Gas Supervisor*

By R. N. Walling
*Deputy Supervisor*

FEK:mm

cc Mr E H Musser
Mr F R Wade
Mr L A Dutton
Fire Prevention Bureau
Conservation Committee

98061 4-54 11,200 SPO

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

NOTE: Location shown below is final and correct location for this well.

DIVISION OF OIL AND GAS
RECEIVED
FEB 28 1955
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Union Oil Company of Calif., Operator Field Del Valle

Well No. Liebhart No. 2 Sec. 15, T. 4N, R. 17W, S.B. B. & M.

Location 1575.10' North & 1049.81' East from SW corner Sec.15, T4N, R17W, S.B.B.&M., Los Angeles County.

Elevation of ground above sea level 1096.52 (CS) feet.

All depth measurements taken from top of rotary table, which is 11.45 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date February 17, 1955

Signed F. R. Wade
F. R. Wade,
Title Division Engineer
(President, Secretary or Agent)

F. R. Wade (Engineer or Geologist)

C. W. Froome (Superintendent)

Commenced drilling January 10, 1955 Completed drilling January 31, 1955 Drilling tools ~~Cable~~ Rotary

Total depth 6292' Plugged depth surface

Junk none

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing never produced. (date) Flowing/gas lift/pumping (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | | | | | | |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Drilled | Number of Sacks of Cement | Depth of Cement if through perforat |
|---|---|---|---|---|---|---|---|---|---|
| 11 3/4" | 903' | surface | 42# | new | seamless | H-40 | 17" | 800 | — |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 6000, 6192, & 6292'. (Attach Copy of Log)

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 6 1955
LOS ANGELES, CALIFORNIA

12

037-06718

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

Santa Paula, Calif. January 5, 1955

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Liebhart" No. 2, Sec. 15, T. 4N, R. 17W, S.B. B. & M., Del Valle Field, Los Angeles County.

Legal description of lease See attached map.
(Attach map or plat to scale)

Location of Well: ~~Approx. 1575~~ * 1575.10 feet due North (Direction) and ~~1050~~ 1049.81 feet due East (Direction) from the Southwest corner of section 15, T4N, R17W, S.B.B.&M., Los Angeles County.

Elevation of ground above sea level ~~Approx. 1110~~ * 1096.52 feet concrete slab datum.

All depth measurements taken from top of rotary table (Derrick Floor, Rotary Table or Kelly Bushing) which is 11 feet above ground.

### PROPOSED CASING PROGRAM

| SIZE OF CASING, INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 11 3/4" | 42# | H-40 | surface | 1000' | 1000' |
| | | | | | |
| | | | | | |
| | | | | | |

Intended zone or zones of completion: Test Sherman Zone & possibly Upper Del Valle Zone.

7200'± T.D.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 184 wdP | | | | | |

*Correction letter 3/4/55. mn

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address P.O.Box 670, Santa Paula, Calif.

Union Oil Company of Calif., Operator
(Name of Operator)

Telephone Number 1215 or 1216

By F. R. Wade
F. R. Wade, Division Engineer

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

FORM 108. 42777 2-45 7500
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
FEB 1 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

Santa Paula, Calif. January 31, 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given that it is our intention to abandon well No. Liebhart No. 2

Sec. ~~15~~ 16, T. 4N, R. 17W, S.B. B. & M. Del Valle Field,

Los Angeles County, commencing work on the 31st day

of January 19 55.

The present condition of the well is as follows:

1. Complete casing record.
   11 3/4" C 903'.
   10 5/8" hole to 4950'.
   9 7/8" hole to 6292' T.D.

   No commercial oil or gas shows encountered to T.D.

2. Last produced. _____ Date _____ Net oil _____ Gravity _____ Cut

The proposed work is as follows:

1. Hang 4 1/2" open end drill pipe at 1750' and plug 10 5/8" hole with 50 sax cement.
2. Hang drill pipe at 1250' and plug 10 5/8" hole with 100 sax cement. Brackish water fresh water interface at 1200'. Div. of Oil & Gas to witness location of plug.
3. Hang drill pipe at 925' and plug 10 5/8" hole and 11 3/4" casing with 50 sax cement Top of plug to be above 883'.
4. Plug top 10' of 11 3/4" casing with cement. Div. of Oil & Gas to witness placement of plug.
5. Cut off base plate and weld steel plate over stub of casing.

Abandon

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Union Oil Company of Calif., Operator
(Name of Operator)

By F. R. Wade
F. R. Wade, Division Engineer

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well 9

037-06731

This notice must be given and surety bond filed before drilling begins.

Los Angeles Calif. May 28, 1945

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Lincoln" (No) 13, Sec. 16, T (17) 4 N, R (4W) 17W, S.B. B. & M., Del Valle Field, Los Angeles County.

Lease consists of 160 acres

The well is 1720.60 feet N. or ~~S.~~, and 541.13 feet ~~E~~ or W. from S.E. corner Section 16
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 1125 + or - feet. Exact elevation to be submitted.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 6050 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 11-3/4 | 47 | J-55 | 2050 | Cemented |
| 7 | 23 & 26 | J-55 | 6500 + - | Cemented |
| Will gun perforate 7" thru portion Del Valle Zone. | | | | |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 811 West Seventh Street

R. E. HAVENSTRITE, OPERATOR
(Name of Operator)

Telephone number MIchigan 2601

By Dean H. Sheldon

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18A 5-31-45 4732380
JLW JLW

Ens

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P.1-40767

Los Angeles 14, Calif. June 1, 1945

Mr. Dean H. Sheldon

Los Angeles 14, Calif.

Agent for R. E. HAVENSTRITE, OPERATOR

Dear Sir:

Your proposal to drill Well No. "Lincoln" 13, Section 16, T. 4 N., R. 17 W., S.B. B. & M., Del Valle Field, Los Angeles County, dated May 28, 1945, received May 31, 1945, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 1720.60 feet N. and 541.13 feet W. from S.E. corner Section 16
The elevation of the derrick floor above sea level is 1125 + or - feet. Exact elevation to be submitted.
We estimate that the first productive oil or gas sand should be encountered at a depth of about 6050 feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as he in indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemen |
|---|---|---|---|---|
| 11-3/4" | 47 | J-55 | 2050 | Cemented |
| 7 | 23 & 26 | J-55 | 6500 + - | Cemented |

Will gun perforate 7" thru portion Del Valle Zone.
Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you befor cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud flui maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed.
3. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possibl
4. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 2500'.
   (b) To witness a test of the effectiveness of the 7" shut-off through perforations above the zone to be produced.

FGH:OH

cc- P. A. W.

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Meisser Deputy

Bond No. 4732380

100.
CALIFORNIA STATE PRINTING OFFICE

FILL IN BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
OCT 2 1945
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator R. E. HAVENSTRITE, OPERATOR Field DEL VALLE

Well No. "Lincoln" (No). 13 Sec. 16, T. 4N, R. 17W, S.B. B. & M.

Location 1720.6' N & 541.13 W of SE cor. Sec. 16 Elevation of derrick floor ~~ground~~ above sea level 1139.7 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date _____ Signed Dean H. Sheldon

_____ (Engineer or Geologist) _____ (Superintendent) Title _____ (President, Secretary or Agent)

Commenced drilling 6-5-45 Completed drilling 7-19-45 Drilling tools ~~Cable~~ Rotary

Total depth 6701 Plugged depth _____

Junk _____

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| $DV_1$ | 5935 |
| $DD_1$ | 6640 |

Commenced producing 7-28-45 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 598 | 32.6 | 2.0% | 309 | 320 | 1175 |
| Production after 10 days | 349 | 32.9 | 0.1 | 301 | 500 | 1450 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfor. |
|---|---|---|---|---|---|---|---|---|---|
| 11-3/4 | 2100 | Surf. | 47 | New | Smls | J-55 | 17½ | 1800 | |
| 7" | 6603 | " | 23 | " | " | J-55&N-80 | 10-5/8 | 150 | |
| | | | | | & C.P. @ | 6121 w/ | | 300 | |
| 5½ | 6695 | 6575 | 20 | " | " | J-55 | 8¼ | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 6695 ft. | 6632 ft. | 100M | 12R | 6" | Slotted |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Electrical Log Depths 6701 (Attach Copy of Log)

FORM 105. 20556 1-43 27,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
OCT 2 1945
LOS ANGELES, CALIFORNIA

OPERATOR R. E. HAVENSTRITE, OPERATOR FIELD DEL VALLE

Well No. "Lincoln" No. 13, Sec. 16, T. 4N, R. 17W, S.B. B. & M.

Signed Dean L. Sheldon

Date

Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

Date

6/5/45 Spudded. Drld 2100 w/ 17½" bits. Cmtd 11-3/4" 47# J-55 casing @ 2100 w/ 1800 sacks cmt. Final pressure 650#. Grouted top of 11-3/4 casing w/ 60 sacks.

6/18/45 Drld @ 2100 to 6551 w/ 10-5/8" bits. Cored 6551-6701 w/ 7-5/8" core barrel. Ran Schlumberger. Opened hole from 6551 to 6615 w/ 10-5/8" hole opener.

7/21/45 Cmtd 7" J-55 & N-80 smls 23# casing @ 6603 w/ 150 sx including Baker Down Whirler shoe on bottom and float collar 89' up, Multiplex collar @ 6122. C.P. thru ports @ 6121' w/ 300 sx. by HOWCO plug & displacement method.

CASING DETAIL

| | |
|---|---|
| Baker shoe | 6603' |
| Equalizer | 6593 |
| Float collar | 6514 |
| Equalizer | 6443 |
| Multiplex | 6122 |
| Equalizer | 6103 |
| Equalizer | 5878 |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

7/23/45 Ran in located top cmt. 5959. C.O. to 6608. Ran HFT. Packer would not hold. Scraped 7". Coring from 6400-6576.

7/25/45 Ran HFT. Opened valve at 2:40 p.m. Gas to surface 3 minutes. Steady blow, diminishing to heads. Closed valve 3:40 p.m. 1 hour test. Recovered 1230' fluid. 270' gas cut mud, 900' oily drilling fluid, 60' thin gas cut mud. Titration 75 G/G. W.S.O. OK by D.O.G. Inspector White. Ran in. C.O. 6608-6694. Ran in scraped hole 6603-6695 w/ 8½" scraper. Ldd. 120' of 5½" 20# J-55 casing including 63 ft. perf. 12R--2"S--6"C--100M. Ldd 2⅞" 6.5# H40 tubing @ 6609 including 2⅞" to 2" to 2½ swedge on bottom.

7/28/45 Began swabbing 6 p.m. Well flowing 9:45 p.m.

10 DAYS PRODUCTION

| DATE | GROSS | NET | CUT | GRAV. | BEAN | TUB.# | CAS.# | MCF. |
|---|---|---|---|---|---|---|---|---|
| 7/28/45 | 213 | 165 | 20.0 | 32.6 | 1" | 100 | 500 | 100 |
| 29 | 598 | 586 | 2.0 | 32.8 | 24/64 | 320 | 1175 | 309 |
| 30 | 414 | 412 | 0.3 | 32.8 | 20/64 | | | 317 |
| 31 | 490 | 488 | 0.2 | 32.8 | 20/64 | | | 425 |
| 8/1 | 302 | 300 | 0.1 | 32.8 | 20/64 | 600 | 1550 | 289 |
| 2 | 303 | 301 | 0.1 | 32.8 | 20/64 | 720 | 1500 | 211 |
| 3 | 308 | 306 | 0.1 | 32.8 | 20/64 | 840 | 1450 | 256 |
| 4 | 399 | 397 | 0.1 | 32.8 | 24/64 | 840 | 1220 | 370 |
| 5 | 438 | 436 | 0.1 | 32.8 | 24/64 | 840 | 1340 | 390 |
| 6 | 472 | 470 | 0.1 | 32.8 | 24/64 | 840 | 1300 | 406 |

# CORE RECORD

DIVISION OF OIL AND GAS
RECEIVED
OCT 2 1945
LOS ANGELES, CALIFORNIA

COMPANY R. H. KAY ESTATES, OPERATOR

Del Valle FIELD Lincoln LEASE 13 WELL

| DATE AND DRILLER | CORE NO. | FROM | TO | TOTAL RECRY. | SHALE | OIL SAND | GRAY SAND | SHELL | DESCRIPTION OF CORE |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 6551 | 6560 | 9.0 | 9.0 | | | | Very hrd. solid dk brn sh 20° dip |
| | 2 | 6560 | 6571 | 9.0 | 9.0 | | | | Vy hrd. semi-platy dk brn Dip 20° |
| | 3 | 6571 | 6580 | 8.0 | 8.0 | | | | Vy hrd soli dk brn sh w/ stks vy hrd tight o.s. - dk amber cut |
| | 4 | 6580 | 6589 | 7.5 | 7.5 | | | | Vy hrd dk brn sh. Dip - 1 |
| | 5 | 6589 | 6599 | 9.0 | 9.0 | | | | Hrd. mass brn sh. |
| | 6 | 6599 | 6609 | 8.5 | 8.5 | | | | Hrd. semi-platy brn sh w/ stk of med grain tight o. drk amber cut. |
| | 7 | 6609 | 6619 | 9.0 | 9.0 | | | | Hrd semi-platy brn sh- Dip 20° |
| | 8 | 6619 | 6623 | 3.0 | 3.0 | | | | Semi-platy sh as above |
| | 9 | 6623 | 6630 | 5.5 | 5.5 | | | | Brn semi-platy sh. |
| | 10 | 6620 | 6640 | 5.5 | 5.5 | | | | Brn platy sh. Good dip 20 |
| | 11 | 6640 | 6647 | 3.0 | 3.0 | | | | Hrd brn sh w/ several stks of vy hrd vy tight & fine |
| | 12 | 6647 | 6657 | 2.0 | 1.0 | 1.0 | | | Hrd brn sh. Friable crse. arkosic o.s. good cut. |
| | | | | | 1.0 | 1.0 | | | |
| | 13 | 6657 | 6667 | 0.3 | | 0.3 | | | Frags & pieces of silty m to med. crse. arkosic o.s. |
| | 14 | 6667 | 6673 | 0.5 | | 0.5 | | | Chunk of vy. hrd. vy. tig silty o.s. dk amber cut. |
| | 15 | 6673 | 6684 | 5.0 | | 5.0 | | | Vy. firm but friable to ha tight silty o.s. |
| | 16 | 6684 | 6690 | 1.0 | | | | 1.0 | Vy. hard med. grain s.s. shell. |
| | 17 | 6690 | 6701 | 0.1 | | 0.1 | | | 3 pebbles ½" - 3/4" dia. |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county<br>Del Valle | | District<br>2 Ventura |
| Former owner<br>Nuevo Energy Company | Operator code<br>N2305 | Date<br>01/04/2000 |

Name and location of well(s)

SEE ATTACHED WELL LIST.

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>01/04/2000 | New owner<br>Vintage Petroleum, Inc. | Operator code<br>V1350 | Type of organization<br>Corporation |
| | Address<br>3055 West Pacific Coast Highway<br>Ventura, CA. 93001-9742 | | Telephone No.<br>(805) 641-5566 |

Reported by
Vintage Petroleum, Inc.

Confirmed by
Nuevo Energy Company

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent |
| Old operator new status (status abbreviation) | Remarks |

Deputy Supervisor
Patrick J. Kinnear

Signature
Patrick J. Kinnear

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 253 | SPM | 5-3-00 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

| Facility Description | API # | Sect. | Township | Range | B.M. | Lease Name | Well # | DOG Field | County | DOG Well Type |
|---|---|---|---|---|---|---|---|---|---|---|
| Barnes/Lincoln | 03706719 | 16 | 04 N | 17 W | SB | Lincoln | 1 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706720 | 16 | 04 N | 17 W | SB | Lincoln | 2 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706722 | 16 | 04 N | 17 W | SB | Lincoln | 4 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706723 | 16 | 04 N | 17 W | SB | Lincoln | 5 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706724 | 16 | 04 N | 17 W | SB | Lincoln | 6 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706725 | 16 | 04 N | 17 W | SB | Lincoln | 7 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706726 | 16 | 04 N | 17 W | SB | Lincoln | 8 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706728 | 16 | 04 N | 17 W | SB | Lincoln | 10 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706729 | 16 | 04 N | 17 W | SB | Lincoln | 11 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706730 | 16 | 04 N | 17 W | SB | Lincoln | 12 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706731 | 16 | 04 N | 17 W | SB | Lincoln | 13 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706732 | 16 | 04 N | 17 W | SB | Lincoln | 14 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706733 | 16 | 04 N | 17 W | SB | Lincoln | 15 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706734 | 16 | 04 N | 17 W | SB | Lincoln | 16 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706735 | 16 | 04 N | 17 W | SB | Lincoln | 17 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706736 | 16 | 04 N | 17 W | SB | Lincoln | 18 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706737 | 16 | 04 N | 17 W | SB | Lincoln | 19 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706738 | 16 | 04 N | 17 W | SB | Lincoln | 20 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706739 | 16 | 04 N | 17 W | SB | Lincoln | 21 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706697 | 16 | 04 N | 17 W | SB | Barnes | 2 | Del Valle | Los Angeles | Disposal |
| Barnes/Lincoln | 03706698 | 16 | 04 N | 17 W | SB | Barnes | 3 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706699 | 16 | 04 N | 17 W | SB | Barnes | 4 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706700 | 16 | 04 N | 17 W | SB | Barnes | 5 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706701 | 16 | 04 N | 17 W | SB | Barnes | 6 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706702 | 16 | 04 N | 17 W | SB | Barnes | 7 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706703 | 16 | 04 N | 17 W | SB | Barnes | 8 | Del Valle | Los Angeles | Disposal |
| Barnes/Lincoln | 03706704 | 16 | 04 N | 17 W | SB | Barnes | 9 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706706 | 16 | 04 N | 17 W | SB | Barnes | 11 | Del Valle | Los Angeles | DG |
| Barnes/Lincoln | 03706707 | 16 | 04 N | 17 W | SB | Barnes | 12 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706708 | 16 | 04 N | 17 W | SB | Barnes | 13 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706709 | 16 | 04 N | 17 W | SB | Barnes | 14 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706710 | 16 | 04 N | 17 W | SB | Barnes | 15 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706711 | 16 | 04 N | 17 W | SB | Barnes | 16 | Del Valle | Los Angeles | Disposal |
| Barnes/Lincoln | 03706712 | 16 | 04 N | 17 W | SB | Barnes | 17 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706713 | 16 | 04 N | 17 W | SB | Barnes | 18 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706714 | 16 | 04 N | 17 W | SB | Barnes | 19 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706715 | 16 | 04 N | 17 W | SB | Barnes | 20 | Del Valle | Los Angeles | OG |
| Barnes/Lincoln | 03706716 | 16 | 04 N | 17 W | SB | Barnes | 21 | Del Valle | Los Angeles | OG |

JAN 1 8 2001

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county Del Valle | | District 2--VENTURA |
| Former owner Union Oil Company of California | Opcode: U0200 | Date June 21, 1996 |

Name and location of well(s)

All Union Oil Company of California wells in Sections 16 and 20 of Township 4N and Range 17W S.B. B&M.

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange 4-9-96 | New owner Torch Operating Company | Opcode: T3320 | Type of organization Company |
| | Address 3201 Skyway Drive, Suite 104 Santa Maria, CA 93455 | | Telephone No. (805) 739-9111 |

Reported by Union Oil Company of California

Confirmed by Torch Operating Company

| | |
|---|---|
| New operator new status (status abbreviation) PA | Request designation of agent |
| Old operator new status (status abbreviation) PA | Remarks |

| | |
|---|---|
| Deputy Supervisor Patrick J. Kinnear | Signature |

| OPERATOR STATUS ABBREVIATION |
|---|
| PA - Producing Active |
| NPA - No Potential Active |
| PI - Potiential Inactive |
| NPI - No Potiential Inactive |
| Ab - Abandoned or No More Wells |

FORM AND RECORD CHECK LIST

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | S/L | 8-12-96 | Map and Book 253 | SPM | 7-6-96 |
| Well records | S/L | 8-12-96 | Notice to be cancelled | | |
| Logs | S/L | 8-12-96 | EDP | | |
| Bond Status | | | District Computer Files | | |

OGD156 (Modified 1/95)

FORM 105. 87730 6-40 11,250
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL & GAS
RECEIVED
JUL 3 - 1941
LOS ANGELES

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-06725

9

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

DIVISION OF OIL & GAS
RECEIVED
AUG 6 - 1941
LOS ANGELES, CALIFORNIA

Los Angeles, Calif. June 20, 1941

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Lincoln # 7, Sec. 16, T. ~~17W~~ 4N

R. ~~4-N~~ 17W S.B. B. & M., Del Valle Field, Los Angeles County.

Lease consists of 160 acres

The well is ~~1630~~ 1597.5 feet N. ~~or S.~~, and ~~317~~ 317.76 feet ~~E.~~ or W. from SE corner, Sec. 16
(Give location in distance from section corners or other corners of legal subdivision)

(Correction letter 11/9/

The elevation of the derrick floor ~~ground~~ above sea level is 1060 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 6000 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 12-3/4" | 43 | J 55 | 300 | Cemented |
| 7 " | 24-26-28 | J 55 | 6000 | Cemented |
| 5½ " | 17 | J 55 | (Liner) | |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 811 West Seventh Street

R. E. HAVENSTRITE, OPERATOR
(Name of Operator)

Telephone number MI. 2601

By Homer Havenstrite

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Signature to file of data

| | | | | |
|---|---|---|---|---|
| 18 | | | | |
| | | | | |

Book 8-6-41

FORM 107.

DIVISION OF OIL AND GAS
RECEIVED
JUL 9 1956
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Santa Paula, Calif. July 6, 1956

DIVISION OF OIL AND GAS

Los Angeles, Calif.

| MAP | | | | FORMS 114 | 121 |
|---|---|---|---|---|---|
| | | | Blanket | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, ~~redrilling, plugging or altering casing~~ at Well No. Lincoln No. 7
(Cross out unnecessary words)

, Sec. 16, T4N, R.17W, S.B. B. & M.

Del Valle Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 6076'. Plugged to 5940'.

2. Complete casing record.
   13 3/8" C 337'.
   7" 24# & 28# J-55 C 6075'.
   WSO 5860' - DD. WSO 6000', 5989-5990'.
   Gun perf'd 5874-5989' - sqzd.
   Split in casing 4961-4964' - sqzd.
   Reperf'd 5875-5940'.

3. Last produced. May, 1956 (Date) 16 B/D (Net Oil) 32.3° (Gravity) 95.7% (Cut)

The proposed work is as follows:

1. Pull rods & tubing, and install B.O.P.
2. Drill out cement from 5940-6020'.
3. Squeeze cement all perfs 5860-6000'.
4. Drill out cement and 7" shoe at 6075'.
5. Drill 6 1/8" hole to 7650' T.D. and run electric log.
6. Run 2750' - 5" csg to 7650', incl 650' perfs on bottom. CP liner at 7000'.
7. Drill out cement to 6980' and test liner splice. D.O.G. to witness.

Union Oil Company of Calif., Operator
(Name of Operator)

By F R Wade
F. R. Wade, Division Engineer

(over)

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

**DIVISION OF OIL AND GAS**

# REPORT OF CORRECTION OR CANCELLATION

Ventura California

Walter L.M. Dunbar, Agent
NAHAMA & WEAGANT ENERGY CO.
602 H Street
Bakersfield, CA 93304

October 1, 1986

In accordance with Sec. 3203, Division 3 of the PRC requiring that proposed operations commencing within one year,

the following change pertaining to your well "N.L.& F." 1, 037-06672 (Well designation),

Del Valle field, Ventura County,

Sec. 20, T. 4, R. 17, SB B. & M., is being made in our records:

☐ The corrected location is _____

☐ The corrected elevation is _____

☐ Report No. _____, dated _____, has been corrected as follows: _____

☒ Your notice to re-enter (Drill, abandon, etc.) dated 6/4/85, and our report No. P 285-145, issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have a drilling bond on file covering this notice it will be returned. No request for such return is necessary.

☐ Other: _____

| MAP | MAP BOOK | CARDS | BOND | EDP | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|---|
| | | | | | | ✓ |

M. G. Mefferd
State Oil and Gas Supervisor

mep

By Murray W. Dosch
Deputy Supervisor
Murray W. Dosch

OG165 (9/84/DWRR/3M)

The Resources Agency of California
Department of Conservation

DIVISION OF OIL AND GAS

# WELL STATUS INQUIRY

SEP 15 1986
VENTURA, CALIFORNIA

Ventura, Calif.

August 4, 1986

To: Walter L.M. Dunbar, Agent
NAHAMA & WEAGANT ENERGY CO.
602 H Street
Bakersfield, California

In a notice ~~dated~~ received June 4 19 85, you propose to re- enter well "N.L. & F." 1
Sec. 20, T. 4N, R. 17W, SB B. & M., Del Valle (Field or County)

Please indicate below conditions or intentions regarding this proposed work and return the completed form to this office within 10 days.

____ THIS WORK HAS BEEN DONE. If you check this space, please file the required well records on this work in duplicate within 60 days after work was completed.

____ THIS WORK IS IN PROGRESS AND SHOULD BE COMPLETED ABOUT _____ 19 ____.

X THIS WORK HAS NOT BEEN DONE, BUT WE STILL INTEND TO DO THE WORK.* Please give details. Nahama + Weagant is Maintaining the lease block and will proceed when economic conditions improve.

____ WE DO NOT INTEND TO DO THIS WORK. Please cancel our notice to _____, dated _____ 19 ____.

Signature Rody Rosley

(Bonds on file covering canceled notices will be returned.)

____ OTHER: _____

**NOTE:** Division 3 of the Public Resources Code states in part:
Section 3215, ...Well records shall be filed 60 days after completion or suspension of proposed work.

*Section 3203, ...If operations have not commenced within one year of receipt of the notice, the notice will be considered canceled. (To prevent cancelation, file a Supplementary Notice with the division.)

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor

OGD3 (12/82/DWRR/1M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 285-145

198 (field code)

09 (area code)

00 (new pool code)

00 (old pool code)

# PERMIT TO CONDUCT WELL OPERATIONS

Michael Phillips, Agent
Nahama & Weagant Energy Company
602 H Street
Bakersfield, CA 93304

Santa Paula, California
June 6, 1985

Your _____ proposal to re-enter well "N.L.& F." 1
A.P.I. No. 037-06672, Section 20, T. 4N, R. 17W, S.B. B. & M.,
Del Valle field, South Area area, no breakdown pool
Los Angeles County, dated ---, received 6/4/85 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class III 2M shall be installed and maintained in operating condition at all times.
3. This office shall be consulted before placing any plugs or sidetracking any hole.
4. The Division will monitor the monthly production of this well for a period of six months and if anomalous water production is indicated, remedial action will be ordered.
5. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
6. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS a pressure test of the blowout prevention equipment before commencing downhole operations.

BW:ljg

Engineer Bill Winkler

Phone (805) 525-2105

M. G. MEFFERD, State Oil and Gas Supervisor

By [signature]
Deputy Supervisor

**A copy of this report and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/84/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

**DIVISION OF OIL AND GAS**

# Notice of Intention to Rework Well

DIVISION OF OIL AND GAS
RECEIVED
6-4-85
SANTA PAULA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | FORMS | |
| | OGD114 | OGD121 |
| Rider Rec'd DK | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention

to rework well N.L.& F. #1 (Well designation), API No. 037-06672

Sec. 20, T. 4N, R. 17W, S.B.B. & M., Del Valle South Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth 9972'

2. Complete casing record, including plugs and perforations (present hole)

Casing Record
13 3/8", 54.5#,J-55 set @ 619'
7", 23#,26#,29# J-55,N-80 set @ 9022'
5", 17.93#,J-55 combination slotted & blank liner set @ 9972', top @ 8741'

Abandonment Plugs
Plugs @ 9707',9347',8987',8627'
top @ 8457' (D.O.G.)
7" casing cut off @ -31',cement plug to - from su

Perforations
5", 80 mesh 16R,6"C,2" slots from 9944'-9600'
5", 9600'-9695'-380, 3/8" Holes @ 4HPF
5", 9553'-9590'-120, 3/8" Holes @ 4HPF
7", 8890'-8938'-285, 1/2" Holes @ 6HPF
7", 8945'-8962'-101, 1/2" Holes @ 6HPF

3. Present producing zone name Del Valle; Zone in which well is to be recompleted Del Valle, Interme Del Valle, Videgain Sands

4. Present zone pressure Gradient; New zone pressure Gradient

5. Last produced May, 1961 (Date) | 9 (Oil, B/D) | 2 (Water, B/D) | (Gas, Mcf/D)

(or)

Last injected N/A (Date) | (Water, B/D) | (Gas, Mcf/D) | (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? ☐ (Yes) ☒ (No)

The proposed work is as follows:
Cut off abandonment plate, weld on 12" x 13 3/8" casing head. Install DOG Class III BOPE, clear out to top of 7" casing. Install casing bowl patch back to surface on 7", 26# casing. Cement 7" x 13 3/8" annulus from 70' to surface. Install 6"x7" casing head. Install DOG Class III BOPE clean out 7" casing to abandonment plug @ 8457'. Inspect and test 7" casing, clean out abandonment plugs @ 8457',8627',8987',9347',9707'-9972'. Inspect and test 7" and 5" casing, test and evaluate intervals: See back. Complete or abandon as per DOG requirements.

Note: If well is to be redrilled, show proposed new bottom-hole coordinates and true vertical depth.

***It is understood that if changes in this plan become necessary, we are to notify you immediately.***

Address 602 H Street (Street)
Bakersfield (City) CA (State) 93304 (Zip)
Telephone Number (805) 323-9075

Nahama and Weagant Energy Co. (Name of Operator)
By [signature] (Name) (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (9/84/DWRR/5M)

*

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| Del Valle | 2 |
| **Former owner** | **Date** |
| Chevron U.S.A. Inc. | June 3, 1985 |

Name and location of well(s)

Sec. 20, T. 4N., R. 17W., SBB&M

"N.L.& F." 1 (037-06672)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 4-18-85 | Nahama & Weagant Energy Company | |
| | Address: 602 "H" Street, Bakersfield, CA 93304 | Telephone No. 805-323-9075 |

Reported by
Chevron U.S.A. Inc.

Confirmed by
Nahama & Weagant Energy Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| Ab | |

| Deputy Supervisor | Signature |
|---|---|
| Murray W. Dosch | Murray W Dosch |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Inglewood, California

June 30, 1965

Mr. J. T. Crooker
P O Box 748
Santa Barbara, California
Agent for STANDARD OIL COMPANY OF CALIFORNIA

DEAR SIR:

Your report of abandonment of Well No. "N.L. & F." 1, Sec. 20, T. 4 N., R. 17 W., S.B. B. & M., Del Valle field, Los Angeles County, dated May 27, 1965, received June 29, 1965, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

JLZ:es
cc - Mr. E. R. Murray-Aaron
Division Engineer
Production Dept.
Conservation Comm.
Mr. L. A. Dutton
Fire Prevention Bureau

BLANKET BOND.

E. R. MURRAY-AARON
*State Oil and Gas Supervisor*

By Wm. C. Bailey
*Deputy Supervisor*

27538-703 7-64 10M OSP

FORM TOOL 50201 7-58 15M ® SPG

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
APR 21 1964
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

**This notice must be given at least five days before work is to begin; one copy only**

Santa Barbara, Calif. April 20, 1964

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. "~~Newhall, Land, and Farming Company #1~~", Sec. 20, T. 4N, R. 17W, S.B. B. & M., Del Valle Field, Los Angeles County, commencing work on April 14, 1964.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 9972'

2. Complete casing record, including plugs:
   13 3/8" cemented at 619'
   7" " " 9002'
   1231'-5", 18#, J-55 hung at 9972'
   Top at 8741'
   Perforated at intervals 8945-9590'
   8700' tubing fish dropped in hole.
   Depth not known.

3. Last Produced May, 1961 (Date) 10 (Oil, B/D) 3 (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

RECEIVED
APR 27 1964
INGLEWOOD, CALIFORNIA

5. Stratigraphic markers and depths:

6. Geologic age at bottom:

7. Base of fresh water sands:

THE PROPOSED WORK IS

1. Recover tubing.
2. Plug 5" liner 9972 - 9500' and 9100-8700'.
3. Cut and recover 7" casing from 30' below cellar floor.
4. Plug 13 3/8" casing from 7" stub to cellar floor.
5. Recover casing head. Weld a steel plate on top of 13 3/8" casing.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | EB | Blanket | EB | EB |

P. O. Box 748
Santa Barbara (Address) California
WOodland 6-1703
(Telephone No.)

Standard Oil Company of California
by Standard Oil Company of California, W.O.I.
(Name of Operator)
By J. T. Crooker J. T. Crooker
Mgr., Prod. Dept., So. Div.

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

SOUTHERN CALIFORNIA PETROLEUM CORPORATION
4250 WILSHIRE BOULEVARD · LOS ANGELES 5, CALIFORNIA
WEBSTER 8-2421 CABLE ADDRESS "CAMDRILL"

March 8, 1960

State of California
Department of Natural Resources
Division of Oil & Gas District #1
830 North La Brea Avenue
Inglewood 3, California

Attention: William C. Bailey, Deputy Supervisor

Gentlemen:

Effective March 1 Producing Properties, Inc., 9890 Wilshire Boulevard, Beverly Hills, California, will be the operator on properties containing the following wells:

| | |
|---|---|
| Los Angeles County | |
| Del Valle Field | |
| "N.L.&F." #1 | Sec. 20, T.4N., R.17W., SBB&M |
| Vasquez #2 | Sec. 21, T.4N., R.17W., SBB&M |
| Vasquez #3 | " " " " " |
| Vasquez #4 | " " " " " |
| Vasquez #5 | " " " " " |
| Vasquez #6 | " " " " " |
| Rosecrans Field | |
| 12-1A | Sec. 7, T.3S., R.13W., SBB&M |
| "St. Anthony" B-1 | " " " " " |
| Orange County | |
| Huntington Beach Field | |
| "Jack B. Crawford-Huntington" 7 | Sec. 14, T.6S., R.11W., SBB&M |
| "Jack B. Crawford-Huntington" 8 | " " " " " |
| "Claborn" 1 | Sec. 11, T.6S., R.11W., SBB&M |
| "Huntington Beach A" | " " " " " |
| "Huntington Beach B" | " " " " " |
| "Huntington Beach C" | " " " " " |
| "Sunghera" 1 | Sec. 14, T.6S., R.11W., SBB&M |
| "Huntington-Webb" 1 | Sec. 11, T.6S., R.11W., SBB&M |

Very truly yours,

PRODUCING PROPERTIES, INC.

By C M Simin

SOUTHERN CALIFORNIA PETROLEUM CORPORATION

By William A. Manson

FORM 109-A (10-48)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off
(FORMATION TESTER)

No. T 152-649

Los Angeles 15
xxxx Calif. May 29 1952

Mr. Loyal E. Nelson
Los Angeles 17 Calif.
Agent for SOUTHERN CALIFORNIA PETROLEUM CORPORATION

PROSPECT WELL

DEAR SIR:

Your well No. "N. L. & F." 1, Sec. 20, T. 4 N., R. 17 W., S. B. B & M.
Del Valle Field, in Los Angeles County, was tested for water shut-off
on May 26, 1952. Mr. Paul Betts, Inspector, designated by the supervisor,
was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present
W. H. Mannon, Engineer; L. Q. Lynch, Drilling Foreman.

Shut-off data: 5 in. 17.93 lb. casing was re-cemented through perforations at 9545 ft.
on May 20, 1952 in 6 in. hole with 30 sacks of cement
xxxx of which 6 sacks was left in casing.

Casing record of well 13-3/8" cem. 619'; 7" cem. 9022', c.p. 8850' and 8855', perf. in intervals 8988'-8938'; four 1/2" test holes at 8845', W.S.O.; 5" ld. 8742'-9972', c.p. 9600' and 9545', four 1/2" test holes at 9540', W.S.O.

Present depth 9972 ft. Bridged with cement from 9601 ft. to 9597 ft. Cleaned out to 9585 ft. for test.
A pressure of 1000 lb. was applied to the inside of casing for 15 min. without loss after cleaning out to 8741 ft.
A Johnston gun and tester was run into the hole on 3½ & 2-3/8 in. drill pipe-~~tubing~~,
with 862 ft. of water ~~xxx~~ cushion, and packer set at 9485 ft. with tailpiece to 9505 ft.
Tester valve, with 3/8 in. bean, was opened at 12:35 a.m. and remained
open for 2 hr. and xxx min. During this interval there was a faint blow for 10 min.; no blow for 10 min.; and a light, steady blow increasing to a fair blow at the end of the test. Gas to the surface in 57 min.

THE INSPECTOR VISITED THE WELL FROM 9:00 - 11:30 A.M., MAY 24, 1952, AND MR. MANNON REPORT

1. Cement was drilled out of the 5" casing from 9225' to 9355' (equivalent to 1 sack), a the hole was cleaned out to 9597'.
2. The 5" casing was shot-perforated with four 1/2" holes at 9545'.
3. A Johnston gun and tester was run into the hole on 2-3/8" tubing and packer set at 95
4. The tester valve was opened at 4:30 a.m., and remained open 1 hr. and 30 min. During this interval, there was a light, heading blow for 30 min., and a light, steady blow the balance of the test. Gas reached the surface in 20 min.

THE INSPECTOR NOTED:

1. When the tubing was removed, 990' of medium, drilling fluid, 2340' of oily, drilling fluid, and 2520' of muddy, oily, water was found in the tubing above the tester, equi lent to 40 bbl.
2. Water filtered from the fluid sample taken 4000' above and at the bottom of the tubin tested 17.1 and 34.2 grains of salt per gallon, respectively.
3. The recording pressure bomb chart showed that the tester valve was open 1 hr. and 30

The operator decided to recement.

THE INSPECTOR ARRIVED AT THE WELL AT 8:00 A.M. AND MR. MANNON REPORTED:

1. On May 24, 1952, the 5" casing was recemented through perforations at 9545' with 30 s of cement of which 24 sacks was squeezed away under a final pressure of 4250 lb.
2. Cement was drilled out of the 5" casing from 9513'-9585' (equivalent to 6 sacks), and the hole was cleaned out to 9585'.
3. The 5" casing was shot-perforated with four 1/2" holes at 9540'.

THE INSPECTOR NOTED:

1. When the drill pipe was removed, a net rise of 3148' of muddy oil and 220' of slightl oily water was found in the drill pipe above the tester, equivalent to 22.4 bbl.
2. Water filtered from fluid samples taken from 300' and 60' above and at the bottom of drill pipe tested 37, 41 and 34 grains of salt per gallon, respectively.

The test was completed at 10:00 a.m.

THE 5" SHUT-OFF AT 9540' IS APPROVED.

R. D. BUSH, State Oil and Gas Supervisor

By E. H. Meisser, Deputy

PWB:OH

cc J A Warren
William H Mannon

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

037-06672

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 8 1951
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. March 6, 1951

DIVISION OF OIL AND GAS

Los Angeles Calif.

Prospect

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. ~~General Petroleum~~ "N.L.&F." #1 *, Sec. 20 (proj) T. 4 N. R. 17 W., SB B. & M., Del Valle Field, Los Angeles County.

Lease consists of approx 1260 ac. (in ptns. of Secs. 19,20,21,24,29 & 30, T4N,R17W, SBB&M)

The well is ~~1765~~ 799.65 feet N. ~~S.~~, and ~~2720~~ 7853.23' W. of Cor. "J" of Rancho San Francisco ~~feet E. or W. from S.W. Cor., proj. Sec. 20, (approx.)~~

(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~derrick floor~~ ground above sea level is ~~1,000~~ 993.31 feet. ~~(U.S.G.S. topo.)~~ All depth measurements taken from top of Kelly Bushing which is 12.12 feet above ground.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7000 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8 | - | - | 500 | Cement to surface |
| PROSPECT WELL -- Operator will notify Div. of Oil & Gas prior to running casing on any potential oil or gas zones | | | | |

| MAP | MAP BOOK | LATITUDE | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 184 | N.M.S. | EB | B-26524 | EB | EB |

Well is to be drilled with ~~rotary~~ cable tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 612 South Flower St., Los Angeles

SOUTHERN CALIFORNIA PETROLEUM CORPORATION, * OPER.
(Name of Operator)

Telephone number MIchigan 3613

By L. E. Nelson
L. E. Nelson

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

3/8/51

Well is not closer than 100' from prop. lines or highways. If well is successful we can get exact lease bounds to show on map Erma

*Note: (L.E. Nelson to ERMA) Delete "General Petroleum" from designation. Add "operator" to name of oper. Erma

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county Del Valle | | District 2--VENTURA |
| Former owner Union Oil Company of California | Opcode: U0200 | Date June 21, 1996 |

Name and location of well(s)

All Union Oil Company of California wells in Sections 16 and 20 of Township 4N and Range 17W S.B. B&M.

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange 4-9-96 | New owner Torch Operating Company | Opcode: T3320 | Type of organization Company |
| | Address 3201 Skyway Drive, Suite 104 Santa Maria, CA 93455 | | Telephone No. (805) 739-9111 |

Reported by Union Oil Company of California

Confirmed by Torch Operating Company

| | |
|---|---|
| New operator new status (status abbreviation) PA | Request designation of agent |
| Old operator new status (status abbreviation) PA | Remarks |

| | |
|---|---|
| Deputy Supervisor Patrick J. Kinnear | Signature |

| OPERATOR STATUS ABBREVIATION |
|---|
| PA - Producing Active |
| NPA - No Potential Active |
| PI - Potiential Inactive |
| NPI - No Potiential Inactive |
| Ab - Abandoned or No More Wells |

FORM AND RECORD CHECK LIST

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | S/L | 8-12-96 | Map and Book 253 | SPM | 7-6-96 |
| Well records | S/L | 8-12-96 | Notice to be cancelled | | |
| Logs | S/L | 8-12-96 | EDP | | |
| Bond Status | | | District Computer Files | | |

OGD156 (Modified 1/95)

FORM 100: 94924 12-40 25M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS [illegible] IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## LOG OF OIL OR GAS WELL

Operator Union Oil Company of California Field Del Valle (Prospect)

Well No. Newhall Land and Farming Co. #1 Sec. 20, T. 4 N, R. 17 W, S.B. B. & M.

Location 990.29 N & 2791.18 E from SW corner Sec 20-4-17 Elevation of derrick floor ~~ground~~ above sea level 946.29 feet. US

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 28, 1942 Signed Henry E White

Title Division Engineer

(Engineer or Geologist) (Superintendent) (President, Secretary or Agent)

Commenced drilling September 8, 1942 Completed drilling December 22, 1942 Drilling tools ~~Cable~~ Rotary

Total depth 7004' Plugged depth 281

Junk Sidetracked bit at 6228'

GEOLOGICAL MARKERS DEPTH

Commenced producing Never produced (date) ~~Flowing/gas lift/pumping~~ (cross out unnecessary words) Abandoned December 27, 1942

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | | | | | | |
| Production after 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Ceme if through perfo |
|---|---|---|---|---|---|---|---|---|---|
| 12-3/4 | 300 | 0 | 41.51 | New | Seamless | Slip joint | 17 | 241 | - |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 30-6992 (Attach Copy of Log)

629 South Hill Street
Los Angeles, California
April 26, 1943

Mr. W. S. Eggleston,
1109 Union Oil Building,
Los Angeles, Calif.

Agent for Union Oil Company of California

Dear Sir:

Your report of abandonment of well No. "Newhall Land and Farming" 1, Sec. 20, T. 4 N., R. 17 W., S. B. B. & M., Del Valle oil field, Los Angeles County, dated December 28, 1942, and submitted to this division on our form 103, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this division, which are based on all information filed with it have now been fulfilled.

Yours truly,

R. D. Bush
State Oil and Gas Supervisor

E. H. Musser
Deputy Supervisor

Removed from Prospect list 8-17-43 SHF

cc- Mr. H. R. Winter
cc- Mr. R. D. Bush
ERMA:G

18a
JLW.

Book
4-27-43
JLW.

FORM 109-D.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

(MEMO)

No. T.

Calif. 19

Mr.

Calif.

Agent for Union Oil Company of California "Newhall Land and Farming"

DEAR SIR:

Operations at your well No. 1 Sec. 20, T. 4-N, R. 17-W, SB B. & M., Del Valle Field, in Los Angeles County, were witnessed by F R Murray-Aaron, Engineer, representative of the supervisor, on Dec. 24, 1942. There was also present H. C. Richesin, foreman J. P. Varner, Driller

| Casing Record | Junk |
|---|---|
| 12 3/4" cem. 300' T.D 7004 plugged with cement from below 322' to 281' | None |

The operations were performed for the purpose of (I) 320-280' - abandonment

and the data and conclusions are as follows:

(A-1) ERM-A-11.15 2m. - 12/24/42 and (B) Richesin

1. (1) A ___ rotary hole ___ 300' - 7204
2. No oil or gas showings were encountered
3. On Dec. 23, 1942, 50 sacks of cement was pumped in through drill pipe at 322'.
4. The top of the set cement was located at 330'.
5. On Dec. 24, 1942 an additional 50 sacks was pumped in through drill pipe at 322'

(OVER)

R. D. BUSH
State Oil and Gas Supervisor

By Deputy

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-38055

Los Angeles, Calif. December 29, 1942.

Mr. W. S. Eggleston,
Los Angeles, Calif.
Agent for UNION OIL COMPANY OF CALIFORNIA

DEAR SIR:

Your "HEWHALL LAND AND FARMING" proposal to abandon Well No. 1, Section 20, T. 4 N., R17 W., S.B. B. & M., Del Valle Field, Los Angeles County, dated Dec. 22, 1942, received Dec. 28, 1942, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS: The condition of the well is as stated in the notice.

THE NOTICE STATES:

"The present condition of the well is as follows:
1. Complete casing record.
   7004' deep
   12-3/4" cmtd. 300'
   No oil or gas shows encountered."

PROPOSAL:

"The proposed work is as follows:
1. Plug with cement from 320' to above 280'.
2. Test plug by Division of Oil & Gas.
3. Put in 20 ft. cement surface plug and abandon."

DECISION:

THE PROPOSAL IS APPROVED.

cc- H. E. Winter
ERMA:OH

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Meusser Deputy

Blanket bond.

FORM 105. 87730 6-40 11,250
CALIFORNIA STATE PRINTING OFFICE

037-06740

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

15

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

PROSPECT WELL

Santa Fe Springs, Calif. August 21, 1942

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Newhall Land and Farming #1, Sec. 20, T. 4-N, R. 17-W, S.B. B. & M., (Prospect Well) Del Valle Field, Los Angeles County.

Lease consists of 2791.18 (Correction letter 9-22-42)

The well is ~~990~~ 990.29 feet N. ~~S.~~, and ~~2811~~ feet E. ~~W.~~ from S.W. corner of Sec. 20 (projected ~~according to Needham surve~~
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor ~~ground~~ above sea level is ~~Will be determined later~~ 946.29' feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about - feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 12-3/4 | 43 | New | 300 | Cmtd. |
| | | | | |
| | | | | |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Santa Fe Springs, California

Telephone number Whittier 426-87

UNION OIL COMPANY OF CALIFORNIA
(Name of Operator)

By Henry E Wirth
Division Engineer

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18
JLW.

Book
8-25-42
JLW.

BLANKET BOND

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | | District |
|---|---|---|
| Del Valle | | 2 Ventura |
| **Former owner** | **Operator code** | **Date** |
| Chevron U.S.A., Inc. | C5650 | 8-22-2002 |

Name and location of well(s)

S. 15, T. 4N, R. 17W SBB&M
"Blair" 5 (037-06668)
"Boobier" 1 (037-06671)

S. 17, T. 4N, R. 17W SBB&M
"Sepulveda" 2 (037-06678)
"Sepulveda" 5 (037-06681)
"Sepulveda" 10 (037-06686)

S. 19, T. 4N, R. 17W SBB&M
"Newhall Land & Farming 3" 2 (037-06674)

S. 20, T. 4N, R. 17W SBB&M
"Newhall Land & Farming 3" 1 (037-06673)
"Newhall Land & Farming 3" 3 (037-06675)
"Newhall Land & Farming 10" 1 (037-06676)

S. 21, T. 4N, R. 17W SBB&M
"Vasquez" 4 (037-06692)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Operator code | Type of organization |
|---|---|---|---|
| 8-22-2002 | CHEVRONTEXACO EXPL & PROD CO | C5680 | Company |
| | Address: 5001 California Ave. Bakersfield, CA 93309 | | Telephone No. (661) 395-6445 |

Reported by CHEVRONTEXACO EXPL & PROD CO

Confirmed by Chevron U.S.A., Inc.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| NPI | |

| Deputy Supervisor | Signature |
|---|---|
| Bruce H. Hesson | B H |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | tkc | | Map and book 253 | MO | 3-5-04 |
| Form OGD140 | tkc | | Notice to be cancelled | | |
| New well cards | | | Bond status | jc | |
| Well records | tkc | | EDP files | jc | |
| Electric logs | tkc | | Computer Files | jc | |
| Production reports | | | | | |

OGD156 (5/98)

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

037-06676

12

Oxnard Calif. November 27 19 56

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. Newhall Land & Farming 10-1, Sec. 20, T. 4 N, R. 17 W, S. B. B. & M., Del Valle Area field, Los Angeles County.

Legal description of mineral right lease, consisting of ____ acres, is as follows: ____
(Attach map or plat to scale)

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 999.97 feet Easterly (Direction) along section line and 3750.25 feet Southerly (Direction) at right angles to said line from the Northwest corner of section 20, T 4 N R 17 W (FINAL)

Elevation of derrick floor above sea level 1197.0 feet U S C & G S datum. (FINAL)

All depth measurements taken from top of derrick floor (Derrick Floor, Rotary Table or Kelly Bushing) which is 9 feet above concrete mat.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 20" | Conductor Pipe | | 0' | 40' | 40' |
| 13-3/8" | 54.5# | J-55 | 0' | 1000'± | 1000'± |
| 7" | 23#, 26# & 29# | N-80 & P-110 | 0' | 10200'± | 10200'± |
| 5-1/2" | 20# | J-55 | 10150' | 10500'± | Perforated Liner |

Intended zone or zones of completion: PLEASE DESIGNATE AS A PROSPECT WELL
(Name) (Depth, top and bottom)

Estimated total depth 12,000'

| MAP | MAP BOOK | CARDS | | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A U.H. 11-28-56 | | | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address P. O. Box 1309, Oxnard, California

Telephone Number HUnter 3-0181

Type of Organization (Corporation, Partnership, Individual, etc.)

Standard Oil Company of California
(Name of Operator)

By W C Johnson
W.C. Johnson, Mgr. Prod. Dept., So. Dist.

FORM 108. 25462 10-55 25,550 (4) SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 26 1957
LOS ANGELES, CALIFORNIA

## Notice of Intention to Abandon Well

**This notice must be given at least five days before work is to begin; one copy only**

Oxnard Calif. March 23 19 57

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. Newhall Land and Farming 10-1, Sec. 20, T. 4N,

R. 17W, SB B. & M., Del Valle Area ~~XXXX~~ Los Angeles County,

commencing work on March 24 19 57.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 11,011

2. Complete casing record, including plugs:

20" cemented 60'
13-3/8" cemented 611'
413' of 7" OD Drill collar fish from 11,011' to 10,598'
Cement bridges: 10,587-10,550', 10,230'-10,030'

3. Last Produced Never produced
(Date) (Oil, B/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:
No commercial showings of oil or gas.

5. Stratigraphic markers and depths:

6. Geologic age at bottom: —

7. Base of fresh water sands: 450'

THE PROPOSED WORK IS (confirming telephone conversation Kasline - Thomas 3-20-57)

1. Bridge hole from 665' to 550' or above. Your division to witness location and hardness.

2. Hang wooden plug in 13-3/8" casing 20' below cellar floor and fill to surface with cement. Your division to witness.

3. Weld steel plate on 13-3/8" casing and abandon.

Abandon

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

P. O. Box 1309, Oxnard, California
(Address)

Hunter 3-0181
(Telephone No.)

Standard Oil Company of California, Western Oper, Inc.
(Name of Operator)

By W. C. Johnson
W. C. JOHNSON, Mgr. Prod Dept., So. Div

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Halliburton
OIL WELL CEMENTING CO.

DIVISION OF OIL AND GAS
RECEIVED
4 1957
LOS ANGELES, CALIFORNIA

# ELECTRIC WELL LOG

COMPANY STAN. RD OIL COMPANY OF CALIFORNIA FILE
WELL N. L. & F. NO. 10-1
FIELD DEL VALLE AREA
County VENTURA State CALIF.

037-06676

COMPANY ~~STANDARD OIL COMPANY~~ ✓ ~~OF CALIFORNIA~~ FILE
WELL NEWHALL LAND & FARM NO. 10-1
FIELD DEL VALLE AREA
COUNTY ~~VENTURA~~ LOS ANGELES. STATE CALIF.
SEC. 20 TWP. 4N RGE. 17W
SURVEY

Location
3750' S. & 1000' E. OF NW COR.

DIVISION OF OIL AND GAS
RECEIVED
APR 5 1957
LOS ANGELES, CALIFORNIA
12

CONT.-DIP-S.W.S.
CALIPER 1197.0
Elevation: D.F.
K.B.
Grd.

Log Measured From D.F. Elevation
Drilling Measured From D.F. Elevation
Permanent Datum GROUND LEVEL Elevation

| | | | | |
|---|---|---|---|---|
| Run No. | ONE | TWO | THREE | FOUR |
| Date | 12-2-56 | 1-14-57 | 1-16-57 | 1-28-57 |
| Footage Logged | 889' | 6381' | 270' | 892' |
| Total Depth, El. Log | 1009' | 7390' | 7660' | 8552' |
| Total Depth, Driller | 1000' | 7391' | 7657' | 8572' |
| Total Depth, Reached | 1010' | 7391' | 7661' | 8553' |
| Csg. Shoe, El. Log | NOT LOGGED | 609' | NOT LOGGED | NOT LOGGED |
| Csg. Shoe, Driller | 40' | 611' | 611' | 611' |
| Csg. Size | 20" | 13 3/8" | 13 3/8" | 13 3/8" |
| Bit Size | 9 7/8" | 9 7/8" | 9 7/8" | REMARKS |
| Mud-Kind | CLAY BASE | EMULSION | EMULSION | EMULSION |
| Treatment | GEL | DIESEL OIL | DIESEL OIL | DIESEL OIL |
| | CHEMICALS | CHEMICALS | CHEMICALS | CHEMICALS |
| | | | | |

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

(3)

Los Angeles California

September 30 1957

Mr. W C Johnson
P O Box 605
La Habra Calif
Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Your report of abandonment of Well No. "Newhall Land & Farming 10" 1, Sec. 20, T. 4 N, R. 17 W, S B B. & M., Del Valle field, Los Angeles County, dated September 9, 1957, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CASES | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18 A | 18 A | | [illegible] | | [illegible] |
| R J | BI | | | | |
| 10-2 | 10-2 | | | | |

cc Mr E H Musser
Mr C W Gibbs
Mr N W Norton
Conservation Committee
Mr L A Dutton
Fire Prevention Bureau
[illegible]

es

E. H. MUSSER
*State Oil and Gas Supervisor*

By [signature]
*Deputy Supervisor*

48006 12-56 10M SPO

OPERATOR [illegible]
LSE & NO "Newhall SCP"
MAP 253

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | Drill | ABAND | | | | |
| NOTICE DATED | 9/18/81 | 12-22-81 | | | | |
| P-REPORT NUMBER | 281-288 | 212-25 | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | → | | | | | |
| SYMBOL | → | 81-5895 | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 9/24/81 | | 1-5-82 | | | | | | | | | |
| HISTORY | → | | 1-5-82 | | | | | | | | | |
| SUMMARY | → | | 1-5-82 | | | | | | | | | |
| IES/ELECTRIC LOG | — | | — | | | | | | | | | |
| DIRECTIONAL SURV | 11/16/81 | | 4-28-82 | | | | | | | | | |
| CBL CORE/SWS DESCRIP | | | 4-28-82 | | | | | | | | | |
| (2) ACB [illegible] OTHER | 11/16/81 | | [illegible] OK 4/23/82 | | | | | | | | | |
| RECORDS COMPLETE | → | | [illegible] | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: RLH/Kirk Catrell w/MCR in Santa Barbara 4-22-82 805-569-0096 Need Final Letter to get $2000 bond from LA Co. ~~We need Dir~~ Sur ~~& CBL~~ & will do ~~surf insp.~~

OK to release fr Confiden
MS 8/22/

Form OG100 (7/79)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-22315

# WELL SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| Operator: Quintana Petroleum Corporation | Well: Newhall SCP #1 | | | | |
| Field: -- South Del Valle | County: Los Angeles | Sec. 20 | T. 4N | R. 17W | B.&M. S.B. |

Location (Give surface location from property or section corner, street center line and/or California coordinates): From NE corner of S20 go 3604.1 South and 3017.0' West, S20, T4N, R17W, Los Angeles County

Elevation of ground above sea le: 993

Commenced drilling (date): 9-11-81

Completed drilling (date): 10-14-81

Commenced producing (date): N/A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): N/A

Total depth: (1st hole) 5895' (2nd) (3rd)

Present effective depth: 5895'

Junk: parted 10 3/4" casing 70' fish from 1484'-1554' btm. of intact 10 3/4" @ 1433'

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is 23 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| N/A | |

DIVISION OF OIL AND GAS RECEIVED - 5 1982 SANTA PAULA, CALIFORNIA

Formation and age at total depth: Miocene Modelo

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cement (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 10 3/4 | Surface | 1499 | 40.5#/ft | J-55 ST&C | New | 14 3/4 | 730 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Was the well directionally drilled? If yes, show coordinates at total depth

☒ Yes ☐ No 437' N & 46' W at 5847'MD. (last survey)

Electrical log depths: None run

Other surveys

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | |
|---|---|---|
| Name: Quintana Petroleum Corporation | Title: Administrative Clerk | |
| Address: P.O. Box 10658 | City: Bakersfield, California | Zip Code: 93389 |
| Telephone Number: 805-398-5651 | Signature: [signature] | Date: 12-22-81 |

SUBMIT IN DUPLICAT

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

April 28, 1982

Mr. Gary S. Childress, Agent
Quintana Petroleum Corporation
P. O. Box 10658
Bakersfield, CA 93389

Your report of abandonment of well "Newhall SCP" 1 (Name and number),
A.P.I. No. 037-22315. Section 20, T. 4N, R. 17W, S. B. B. & M.,
Del Valle field, Los Angeles County,
dated 12/22/81, received 1/5/82, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS | |
|---|---|---|---|---|---|
| 253 RSH | 5-1-82 RSH | | | EDP | N/A |

M. G. MEFFERD
*State Oil and Gas Supervisor*

By Murray W. Dosch
*Deputy Supervisor*

Murray W. Dosch

OG159 (11-76—GSR1—8M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
- 5 1982
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well NEWHALL SCP #1, API No. 037-22315, Sec. 20, T. 4N, R. 17 W S.B.B. & M., South Del Valle Field, Los Angeles County. commencing work on 9-11, 19 81.

The present condition of the well is:

1. Total depth: 5895

2. Complete casing record, including plugs and perforations:

50 joints of 10 3/4", 40.5#, J-55, 8 Rd, ST&C Range 2 Casing and set at 1499'

Casing parted at 1433', btm. 70' dropped 51'; top fish @ 1484', btm. @1554'

3. Last produced N/A
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected N/A
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows N/A

6. Stratigraphic markers:
N/A

7. Formation and age at total depth:
Miocene Modelo

8. Base of fresh water sands: surface

The proposed work is as follows:

Ran in hole with open end drill pipe. Circulated and conditioned while waiting on orders. Laid down drill pipe. Rigged up Howco. Set 150 sacks cement plug 1569-1270' Waited on Cement. Tagged cement top at 1389 - witnessed by DOG. Laid down drill pipe and set 60 sack cement plug 905-780' - witnessed by DOG. Laid down drill pipe, heavyweight drill pipe, and drill collars. Set 20 sack cement plug No. 3 from 40' to 5'. Laid down Kelly Blowout equipment, rathole, mousehole. Released rig 1430 hours 10-14-81. Well plugged and abandoned.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P.O. Box 10658
(Street)
Bakersfield, Ca. 93389
(City) (State) (Zip)
Telephone Number (805) 398-5651
(Area Code) (Number)

QUINTANA PETROLEUM CORPORATION
(Name of Operator)
By Betty Harmon, Administrative Clerk
(Print Name)
B Harmon 12-22-81
(Signature) (Date)

OG108 (11-78-GSR1-5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

AUG 24 1981

| C.E.Q.A. INFORMATION | | | |
|---|---|---|---|
| EXEMPT ☐ CLASS_____ | NEG. DEC. ☐ S.C.H. NO. | E.I.R. ☐ S.C.H. NO. | DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION ☒ |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | | | |
|---|---|---|---|---|---|
| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
| 253 | 8/26/81 MS | ✓ | BB | ✓ | ✓ |

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well "Newhall SCP" #1, API No. 037-22315 (Assigned by Division),

Sec. 20, T. 4N, R. 17W, SB B. & M., ~~Wildcat~~ Del Valle Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 1,000 acres, is as follows: (Attach map or plat to scale)

See Attached Plat

Do mineral and surface leases coincide? Yes X No_____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 3,604 feet South (Direction) along section ~~property~~ (Cross out one) line and 3,017 feet West (Direction)

at right angles to said line from the NE corner of section ~~property~~ (Cross out one) 20 or

Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: 400 feet North (Direction) and 570 feet East (Direction)

Elevation of ground above sea level 992.7 feet.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table, or Kelly Bushing) that is 14 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES API | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS | CALCULATED FILL BEHIND CASING |
|---|---|---|---|---|---|---|
| 10 3/4 | 40.5 | K-55, ST &C | Surface | 2000' | 2000' | To surface |
| 5 1/2 | 17.0 | N-80, LT &C | Surface | 10,000' | 10,000' | To 7000' |
| | | | | | | |

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

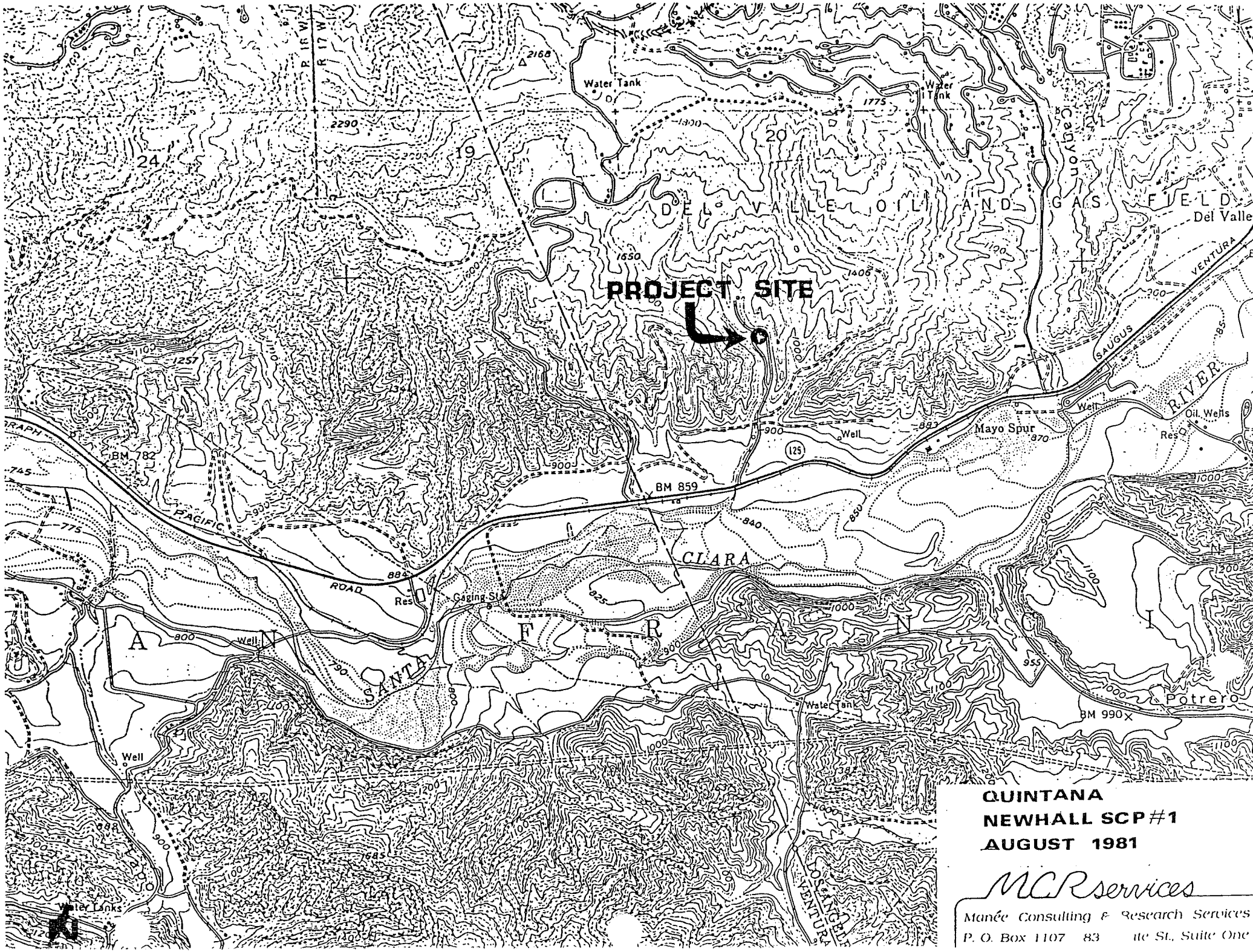
Intended zone(s) of completion Del Valle, 9500', 4110 psi (Name, depth, and expected pressure) Estimated total depth 10,000

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

| Name of Operator | Type of Organization (Corporation, Partnership, Individual, etc.) | |
|---|---|---|
| QUINTANA PETROLEUM CORPORATION | Corporation | |
| Address: P.O. Box 10658 | City: Bakersfield, CA | Zip Code: 93389 |
| Telephone Number: (805) 398-5651 / Name of Person Filing Notice: G. S. Chidress | Signature: Catherine L Sonne (Agent) | Date: 8-18-81 |

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

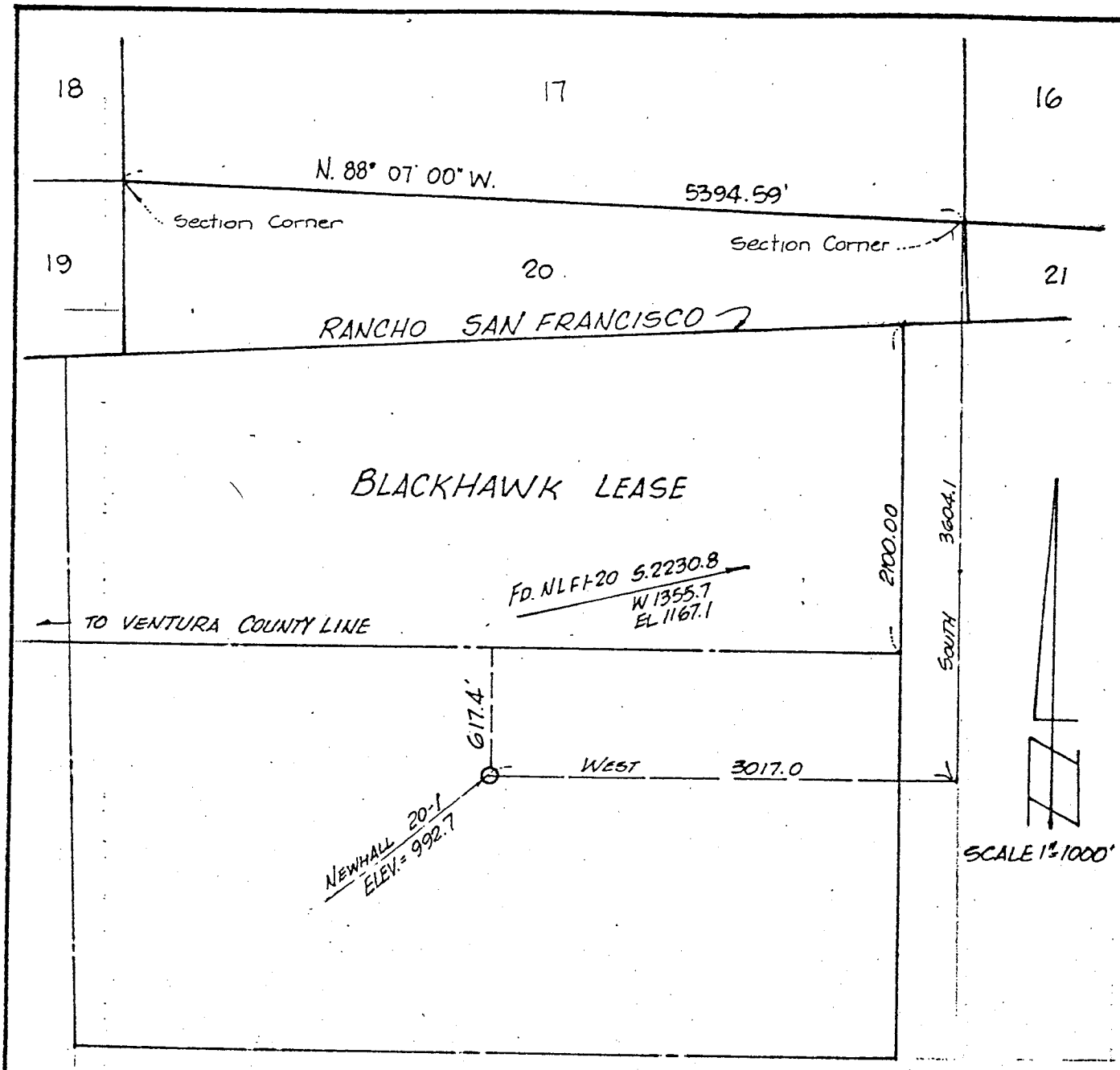
OG105 (7-78-GSRI-5M)




QUINTANA
NEWHALL SCP#1
AUGUST 1981

MCR services

Manée Consulting & Research Services
P. O. Box 1107 83 ...ite St., Suite One




UNDETERMINED LINE FOR LOCATION.
WAS ESTABLISHED BY SCALE.

Client: Quintana Petroleum
P.O. BOX 280
Refugio, Texas 78377
512-526-2373

SECTION 20 T4N R17W SBM.
COUNTY OF LOS ANGELES STATE OF CALIFORNIA

| | | |
|---|---|---|
| ANDEL ENGINEERING COMPANY<br>CIVIL ENGINEERING and SURVEYING<br>24707 SAN FERNANDO ROAD<br>NEWHALL, CALIFORNIA 91321<br>(805) 259-1920 | S.I.N.:<br>DRAWN BY: R.L.C.<br>DATE: MARCH 2, 1981<br>SCALE: 1" = 1000<br>J.N. 2581 | NEWHALL 20-1<br>E. L. BOLDEN JR. R.C.E. 10533 |
| SHT. 1 OF 2 SHTS. | | |

FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

April 26, 1982

Mr. Gary S. Childress, Agent
Quintana Petroleum Corporation
P. O. Box 10658
Bakersfield, CA 93389

DEAR SIR:

Your report of abandonment of Well No. "Newhall SCP" 2 (037-22331), Sec. 20, T. 4N, R. 17W, S.B. B. & M., Del Valle field, Los Angeles County, dated 1/14/82, received 2/4/82, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP | CARDS | BOND | FORMS | |
|---|---|---|---|---|---|
| | | | | 114 | 121 |
| 253 | | | | EDP | ✓ |
| | | | | N/A | |

M. G. MEFFERD
~~JOHN EXMATHEWS, Jr.~~
*State Oil and Gas Supervisor*

By [signature]
*Deputy Supervisor*

18234-705 30-75 4M OSP

Welex

2"=100'

# DUAL INDUCTION GUARD LOG

COMPANY QUINTANA PETRO CORPORATION
WELL NEWHALL L&F-SCP NO. 2
FIELD DEL VALLE
County L.A. State CA.

COMPANY QUINTANA PETROLEUM CORPORATION

WELL "NEWHALL ~~L & F~~ SCP" NO. 2

037-22331

FIELD DEL VALLE

COUNTY LOS ANGELES STATE CALIFORNIA

Location 3604' SOUTH AND 3042' WEST FROM THE NORTHEAST CORNER OF:

Sec. 20 Twp. 4N Rge. 17W

Other Services:
CDL/N
DIP

Permanent Datum G.L. Elev. 993
Log Measured From K.B. OR 23 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 1016
D.F.
G.L. 993

| | | | | |
|---|---|---|---|---|
| Date | 10-19-81 | 1-6-82 | 1-9-82 | |
| Run No. | ONE | TWO | THREE | |
| Depth—Driller | 1151 | 9691 | 10,000 | |
| Depth—Welex | 1159 | 9692 | 10,004 | |
| Btm. Log Inter. | 1157 | 9690 | 10,002 | |
| Top Log Inter. | 62 | 1140 | 9450 | |
| Casing—Driller | 20 @62 10 | 3/4 @ 1236 | 10 3/4 @ 1238 | |
| Casing—Welex | 62 | 1192 | N/A | |
| Bit Size | 9 7/8 | 9 7/8 | 9 7/8 | |
| Type Fluid in Hole | GEL WATER LIGNOSULFONATE | GEL SOULFONATE | GEL SULFONATE | |
| Dens. I Visc. | 8.9 I 42 | 9.3 I 51 | 9.4 I 50 | I |
| pH I Fluid Loss | 11.0 I 10.2 ml | 10.95 I 5.0 ml | 11.05 I 5.0 ml | I ml |
| Source of Sample | CIRCULATED | PIT | PIT | |
| $R_m$ @ Meas. Temp. | 1.2 @ 70 °F | 1.4 @ 62 °F | 1.35 @ 58 °F | @ °F |
| $R_{mf}$ @ Meas. Temp. | 1.0 @ 68 °F | 1.2 @ 57 °F | 1.15 @ 58 °F | @ °F |
| $R_{mc}$ @ Meas. Temp. | 1.4 @ 68 °F | 1.45 @ 57 °F | 1.65 @ 58 °F | @ °F |
| Source $R_{mf}$ $R_{mc}$ | MEASURED | MEASURED | MEASURED | I |

DIVISION OF OIL AND GAS
RECEIVED
APR - 2 1982
SANTA PAULA

OPERATOR [illegible]
LSE & NO Lundell SCP 2
MAP 253

| | (1) | (2) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| NTENTION | Drill | Abandon | | | | |
| NOTICE DATED | 10-13-81 | 1-20-82 | | | | |
| P-REPORT NUMBER | 281-367 | 282-42 | | | | |
| CHECKED BY/DATE | | KT 4-27-82 | | | | |
| MAP LETTER DATED | → | 5-1-82 | | | | |
| SYMBOL | → | ✓ | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-14-81 | | 2-4-82 | | | | | | | | | |
| HISTORY | → | | 2-4-82 | | | | | | | | | |
| SUMMARY | | | 2-4-82 | | | | | | | | | |
| DIGL IES/ELECTRIC LOG | 4-2-82 | | | | | | | | | | | |
| DIRECTIONAL SURV | 4-2-82 | | | | | | | | | | | |
| CORE/SWS DESCRIP | 2-4-82 | | | | | | | | | | | |
| OTHER FDC/CNL/GR MICRO-LL-3 | 2-17-82 | | | | | | | | | | | |
| OTHER Dipmeter | 4-5-82 | | | | | | | | | | | |
| RECORDS COMPLETE | → | | RLH 11-19-82 | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: Sfc insp completed - location has been returned to an acceptable abandonment

This well is O.K. to be released from conf. status M. Hulme 1-12-84

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 4, 1982
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well NEWHALL L & F - SCP No. 2, API No. 037-22331, Sec. 20, T. 4N, R. 17W SB B. & M., South Del Valle Field, Los Angeles County. commencing work on 10-16, 19 81.

The present condition of the well is:

1. Total depth: 10,000'

2. Complete casing record, including plugs and perforations:

10 3/4, 40.5#, K-55, ST&C casing with float shoe, float collar and 10 S-3 centralizers @ 1236'. Cemented with 486 sacks cement. Laid cement plug 8760-8660'. Set 95 sacks cement plug 2215-2015'. Tagged cement @ 2001'. Set 95 sack cement plug 1336-1136'. Tagged cement at 1181'.Laid top plug 75-25' using 39 sacks cement.

3. Last produced N/A
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected N/A
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth: Miocene Model

8. Base of fresh water sands: None

The proposed work is as follows:

Went in hole open ended. Laid cement plug 8760-8660'. Laid down drill pipe to 2215'. Set 95 sacks cement plug 2215-2015'. Trip for new bit. Tagged cement at 2001'. Witnes by DOG. Laid down drill pipe to 1336'. Set 95 sacks cement plug 1336-1136'. Waited on cement 3 hours. Tagged cement at 1181'. Witnessed by DOG. Finished laying down drill pipe. Laid top plug 75-25' using 39 sacks cement.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P.O. Box 10658
(Street)
Bakersfield, California 93389
(City) (State) (Zip)
Telephone Number (805) 398-5651
(Area Code) (Number)

QUINTANA PETROLEUM CORPORATION
(Name of Operator)
By BETTY HARMON, Administrative Clerk
(Print Name)
Harmon 1-20-82
(Signature) (Date)

OG108 (11-78-GSRI-5M)

FORM OG111 (11/80/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 281-367

198 (field code)
09 (area code)
00 (new pool code)
00 (old pool code)

# REPORT ON PROPOSED OPERATIONS

Agnes V. List, Agent
Quintana Petroleum Corp.
c/o CT Corporation System
700 S. Flower St.
Los Angeles, CA 90017

Santa Paula, California
Oct. 15, 1981

Your _____ proposal to drill well "Newhall SCP" 2,
A.P.I. No. 037-22331, Section 20, T. 4N, R. 17W, SB B. & M.,
Del Valle field, South area, no breakdown pool,
Los Angeles County, dated 10/13/81, received 10/14/81 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Sufficient cement shall be pumped back of the 10 3/4" casing to fill to the surface.
2. Unlined sumps, if they contain harmful waters, shall not be located over fresh water bearing aquifers.
3. Any sump used during these operations shall be thoroughly cleaned and filled with earth as soon as operations are completed.
4. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
5. Blowout prevention equipment of at least DOG Class III 2M B, shall be installed on the 10 3/4" casing and Class III 5M B on the 5 1/2" casing and maintained in operating condition at all times.
6. Blowout prevention practice drills shall be conducted at least weekly for each crew, and recorded in the log book.
7. This office shall be consulted before placing any plugs.
8. THIS DIVISION SHALL BE NOTIFIED TO WITNESS:
   a. A pressure test of the blowout prevention equipment before drilling below 1200'.
   b. A test of the 5 1/2" shut-off above the zone to be produced.

MS/Duckett
TD 10,000' NO OIL OR GAS SHOWS
DEL VALLE ZONE 9932-10,000 wet
INTERMEDIATE 8760-9720 wet

Blanket Bond
JH:b

Program to abandon
P/C 8760-8660
✓ 2215-2015 DOG to witness
✓ 1336-1136 DOG to witness

M. G. MEFFERD, State Oil and Gas Supervisor

By John L. Hardin, Deputy Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS
## Notice of Intention to Drill New Well

OCT 14 1981

| C.E.Q.A. INFORMATION | | | |
|---|---|---|---|
| EXEMPT [X] CLASS 3 | NEG. DEC. [ ] S.C.H. NO. | E.I.R. [ ] S.C.H. NO. | DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION [ ] |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | | | |
|---|---|---|---|---|---|
| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
| 253 | 10/7/81 | ✓ | SB | ✓ | ✓ |

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well Newhall SCP #2, API No. 037-22331 (Assigned by Division),

Sec. 20, T. 4N, R. 17W, SB B. & M., ~~Wildcat~~ Del Valle Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 1,000 acres, is as follows: (Attach map or plat to scale)

See attached plat.

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 3,604 feet South (Direction) along section / ~~property line~~ (Cross out one) and 3,047 feet West (Direction)

at right angles to said line from the NE corner of section / ~~property~~ (Cross out one) 20 or

Is this a critical well according to the definition on the reverse side of this form? Yes [ ] No [X]

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: 400 feet North (Direction) and 600 feet East (Direction)

Elevation of ground above sea level 992.7 feet. 993 14 1007

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table, or Kelly Bushing) that is 14 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES API | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS | CALCULATED FILL BEHIND CASING |
|---|---|---|---|---|---|---|
| 14-3/4" | 40.5 | K-55, ST&C | Surface | 1,200' | 1,200' | To surface |
| 9-7/8" | 40.5 | J-55, ST&C | Surface | 10,000 | 10,000 | To 7,000' |
| | | | | | | |

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

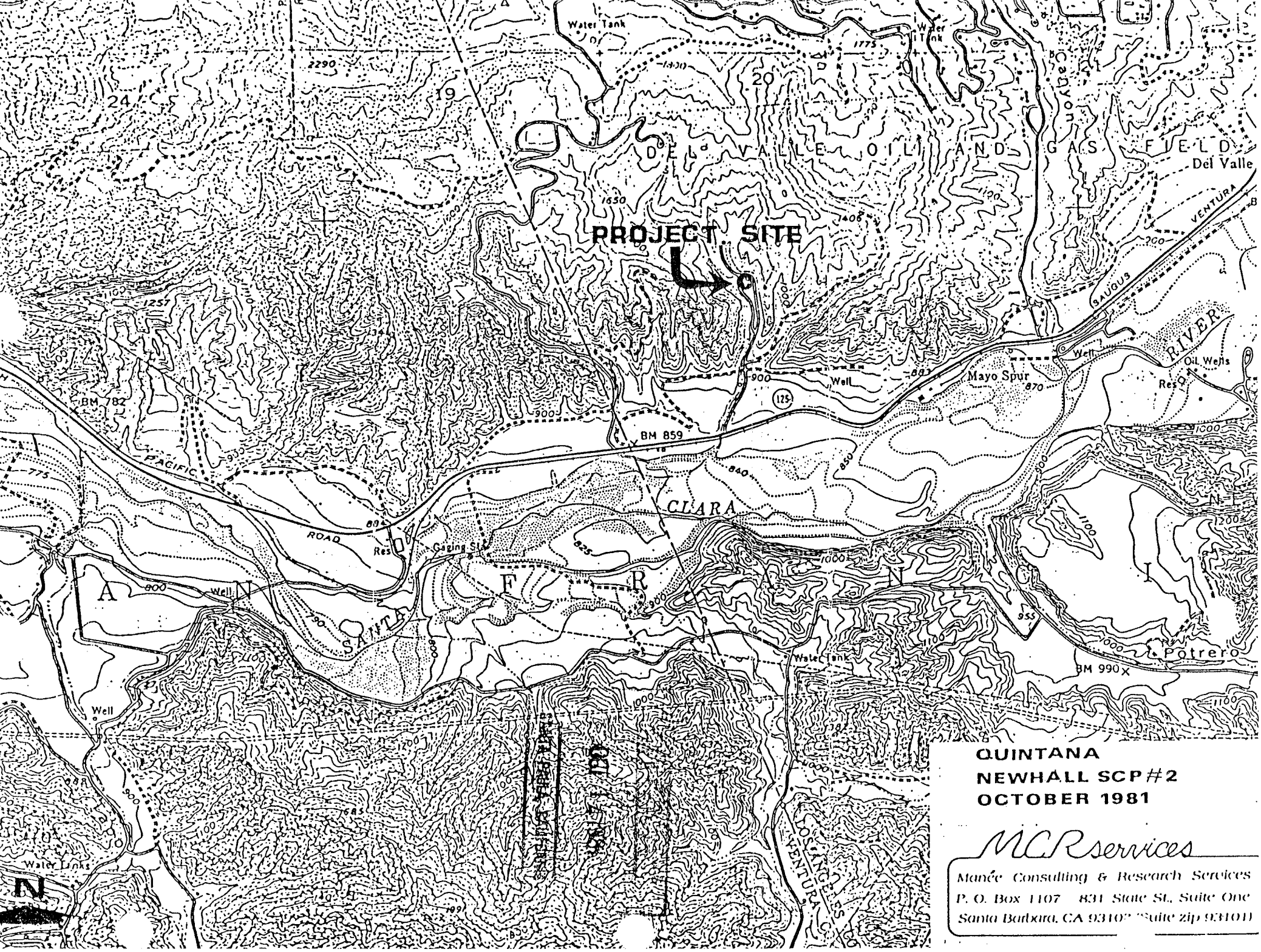
Intended zone(s) of completion Del Valle, 9500', 4110 psi (Name, depth, and expected pressure) Estimated total depth 10,000

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

| Name of Operator | Type of Organization (Corporation, Partnership, Individual, etc.) | |
|---|---|---|
| QUINTANA PETROLEUM CORPORATION | Corporation | |
| **Address** P.O. Box 10658 | **City** Bakersfield, CA | **Zip Code** 93389 |
| **Telephone Number** (805)398-5651 / **Name of Person Filing Notice** Gary S. Childress | **Signature** Alan Mante, Agent | **Date** 10-13-81 |

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

OG105 (7-78-GSRI-5M)




QUINTANA
NEWHALL SCP #2
OCTOBER 1981

MCR services

Manée Consulting & Research Services
P. O. Box 1107 831 State St., Suite One
Santa Barbara, CA 93102 (Suite zip 93101)

Form OG100 (7/79)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-22331

# WELL SUMMARY REPORT

| Operator | Well | | | | |
|---|---|---|---|---|---|
| QUINTANA PETROLEUM CORPORATION | NEWHALL L & F - SCP #2 | | | | |
| **Field** | **County** | **Sec.** | **T.** | **R.** | **B.&M.** |
| SOUTH DEL VALLE | LOS ANGELES | 20 | 4N | 17W | SB |

Location (Give surface location from property or section corner, street center line and/or California coordinates): 3604' South and 3042' West

Elevation of ground above sea leve: 992.7'

Commenced drilling (date): 10-16-81

Completed drilling (date): 1-14-82

Commenced producing (date): N/A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): NONE

Total depth: (1st hole) 10,000 (2nd) (3rd)

Present effective depth:

Junk: 18 SWC barrels, 1 SWC decentralizer, 1 SWC barrel

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is 20' feet above ground

GEOLOGICAL MARKERS | DEPTH

DIVISION OF OIL AND GAS RECEIVED FEB 4 1982 SANTA PAULA, CALIF.

Formation and age at total depth: Miocene Modelo

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 10 3/4 | Surface | 1236' | 40.5#/ft. | K-55 | New | 15" | 486 Sacks | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

N/A

Was the well directionally drilled? If yes, show coordinates at total depth

☒ Yes ☐ No 532' North and 708' East

Electrical log depths: DIL 10,004 to 62' (WLM)

Other surveys: FDC/CNL/GR 1192' to 9991', Microlaterlog 9999-6300'; Dipmeter 9684-1230'

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| Name | Title | |
|---|---|---|
| QUINTANA PETROLEUM CORPORATION | Administrative Clerk | |
| **Address** | **City** | **Zip Code** |
| P.O. Box 10658 | Bakersfield, California | 93389 |
| **Telephone Number** | **Signature** | **Date** |
| 805-398-5651 | Pharmon | January 20, 1982 |

SUBMIT IN DUPLICATE

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12658

15

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. July 28, 1944

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "N.L.F." #1, Sec. 21, T. 4-~~S~~ N, R. 17-W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 620 feet N. ~~XXX~~ and 1400 feet ~~XXX~~ W. from S.~~W.~~ E. corner ~~Lot~~ Sec 21, (Rancho San Francisco) Rem. J.
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~XXXXXXX~~ ground above sea level is 876 feet. U.S.G.S.

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | | | 300 | Cemented |
| Balance of casing program will be determined from results | | | | |
| obtained through electrical logging and core sampling. | | | | |
| | | | | |

Well is to be drilled with rotary ~~XXX~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Los Angeles, California

Telephone number TRinity 9271

The Texas Company
(Name of Operator)

By J. A. Pulk

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

cc:P.A.W.

18a 7-31-44
JLW. JLW.

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-39862

Los Angeles 14, Calif. August 1, 1944

Mr. W. H. Loomis

Long Beach 1, Calif.

Agent for THE TEXAS COMPANY

Dear Sir:

Your _____ proposal to drill Well No. "N. L. F." 1,

Section 21, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County,

dated July 28, 1944, received July 31, 1944, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 620 feet N. and 1400 feet W. from S.E. corner Sec. 21 (Rancho San Francisco)
The elevation of the ground above sea level is 876 feet. U.S.G.S.
We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as here indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | | | 300 | Cemented |

Balance of casing program will be determined from results obtained through electrical logging and core sampling.

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a conplete close-in of the well under pressure at any time shall be installed.
3. Any hole to be sidetracked in any oil zone shall be filled with cement, if possible.
4. A supplementary proposal on our Form 123 shall be filed prior to running any casing other than the 13-3/8".
5. THIS DIVISION SHALL BE NOTIFIED TO INSPECT the installed blowout prevention equipment befor drilling below 1500'.

ERMA:OH

cc- P. A. W.
Company

w/ma

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

Blanket bond No. 130253-C

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-43195

Los Angeles 14, Calif. September 12, 1944.

Mr. W. H. Loomis,
Long Beach 1, Calif.
Agent for THE TEXAS COMPANY.

DEAR SIR:

Operations at your well No. "N.L.F." 1 Sec. 21, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by G. W. LaPeire, Inspector, representative of the supervisor, on September 6, 1944. There was also present W. A. Jones, Foreman, and P. Thompson, Driller.

Casing Record 13-3/8" cem. 314'; T.D. 900'.

Junk xxx

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

~~The inspector arrived at the well at~~ ~~xxxxxx~~ ~~xxxxxxx~~

THE INSPECTOR ARRIVED AT THE WELL AT 12:30 P. M. AND NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT;

1. A Hughes control gate for closing in the well with the drill pipe out of the hole.
2. A Regan blowout preventer for closing around the 4½" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line, with a 2" high pressure stopcock, into the 13-3/8" casing below the above equipment.
5. A steel kelly hose on the kelly.

The inspection was completed at 12:45 p. m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

Remson - JLW 11-16-44
Well Cored approx. the same as "Newhall" 1.
Main sand body - top at 7560'. Some sand stringers above 7560'.
Will set 7" at 7480' and test through 4 ½" holes.
Will file supplemental proposal.

cc - Company
GWL:my
L/R.

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy
6803

28381 10-43 15M
STATE PRINTING OFFICE

FORM 123. 94447 12-40 6500
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Supplementary Notice

Los Angeles, Calif. November 16, 1944

DIVISION OF OIL AND GAS

Los Angeles, Calif.

Our notice to you dated July 28, 1944, stating our intention to drill (Drill, deepen, redrill, abandon) well No. N.L.F. #1, Sec. 21, T. 4 (S) N., R. 17 W., S.B. B. & M. Newhall-Potrero Field, Los Angeles County, must be amended on account of changed or recently discovered conditions.

The new conditions are as follows:

13-3/8" csg. cmtd. @ 314'

Total depth 7699'

Good showings of both gas and oil between 7508-7699'.

We now propose to cement 7" csg. @ 7480' + - and complete well with 5" perf. liner.

cc: P.A.W.

The Texas Company
(Name of Operator)

By W. A. Clark

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
SEP 18 1956
LOS ANGELES, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Santa Paula, Calif. September 17, 19 56

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. N.L.F. #1, Sec. 21, T. 4N,

R. 17W, S.B. B. & M., Newhall Potrero Field, Los Angeles County,

commencing work on _____ 19____.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 7699'

2. Complete casing record, including plugs:

13-3/8" 314' to surface
7" 7475' to surface
5½" 7693' to 7448'

3. Last Produced 8-55 (Date) 3 (Oil, B/D) 7 (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

5. Stratigraphic markers and depths:

6. Geologic age at bottom: Upper Miocene

7. Base of fresh water sands: Behind surf. csg.

THE PROPOSED WORK IS

1. Hang tubing near bottom and pump in 35 sacks of construction cement.
2. Feel for the plug after four hours.
3. Place a 20 lineal foot plug at the surface.
4. Cut off the casing head, place a 20 lineal foot plug at the surface, weld a steel plate on the casing and abandon the well.

Abandon

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Box 510, Santa Paula, Calif.
(Address)

6F
(Telephone No.)

The Texas Company
(Name of Operator)

By P. O. Giddens
P.O.Giddens-Dist.Petr. Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

ORNIA STATE PRINTING OFFICE

037-12659

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles, Calif. December 1, 1944

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "N.L.F." (#2, Sec. 21, T. 4-N, R 17-W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 793.18 feet N. ~~xxx~~, and 1919.79 feet ~~xxx~~ W. from S.W. Cor. Lot 21 of Rancho San Francisco
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~xxxxxxx~~ ground above sea level is 870 feet. Approx.

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 61 | J-55 | 1300 | Cmtd. |
| 7" | 26 | J-55 | 7100 | Cmtd. |
| (liner) 5½" | 15.5 | J-55 | 7100-7400 | Land. |
| | | | | |

Well is to be drilled with rotary ~~xxxx~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 929 S. Broadway

The Texas Company
(Name of Operator)

Telephone number TR 9271

By W. A. Clark

P.A.W.

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18a JLW. | 12-1-44 JLW. | [illegible] | 1302[illegible] | [illegible] | [illegible] |

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-40226

Los Angeles 14, Calif. December 6, 1944

Mr. W. H. Loomis

Long Beach 1, Calif.

Agent for THE TEXAS COMPANY

Dear Sir:

Your proposal to drill Well No. "M.L.P." 2,

Section 21, T. 4 N., R. 17 W. S.B.B. & M., Hemball-Potrero Field, Los Angeles County,

dated Dec. 1, 1944, received Dec. 1, 1944, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 793.18 feet N. and 1919.79 feet W. from S.W. Cor. Lot 21 of Rancho San Francisco

The elevation of the ground above sea level is 870 feet. Approx.

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 61 | J-55 | 1300 | Cmtd. |
| 7" | 26 | J-55 | 7100 | Cmtd. |
| (liner) 5½" | 15.5 | J-55 | 7100-7400 | Land. |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pi
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well u der pressure at any time, shall be installed.
3. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if pos sible.
4. This division shall be consulted before running the 7" casing.
5. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   a. To inspect the installed blowout prevention equipment before drilling below 1500'
   b. To witness a test of the effectiveness of the 7" shut-off.

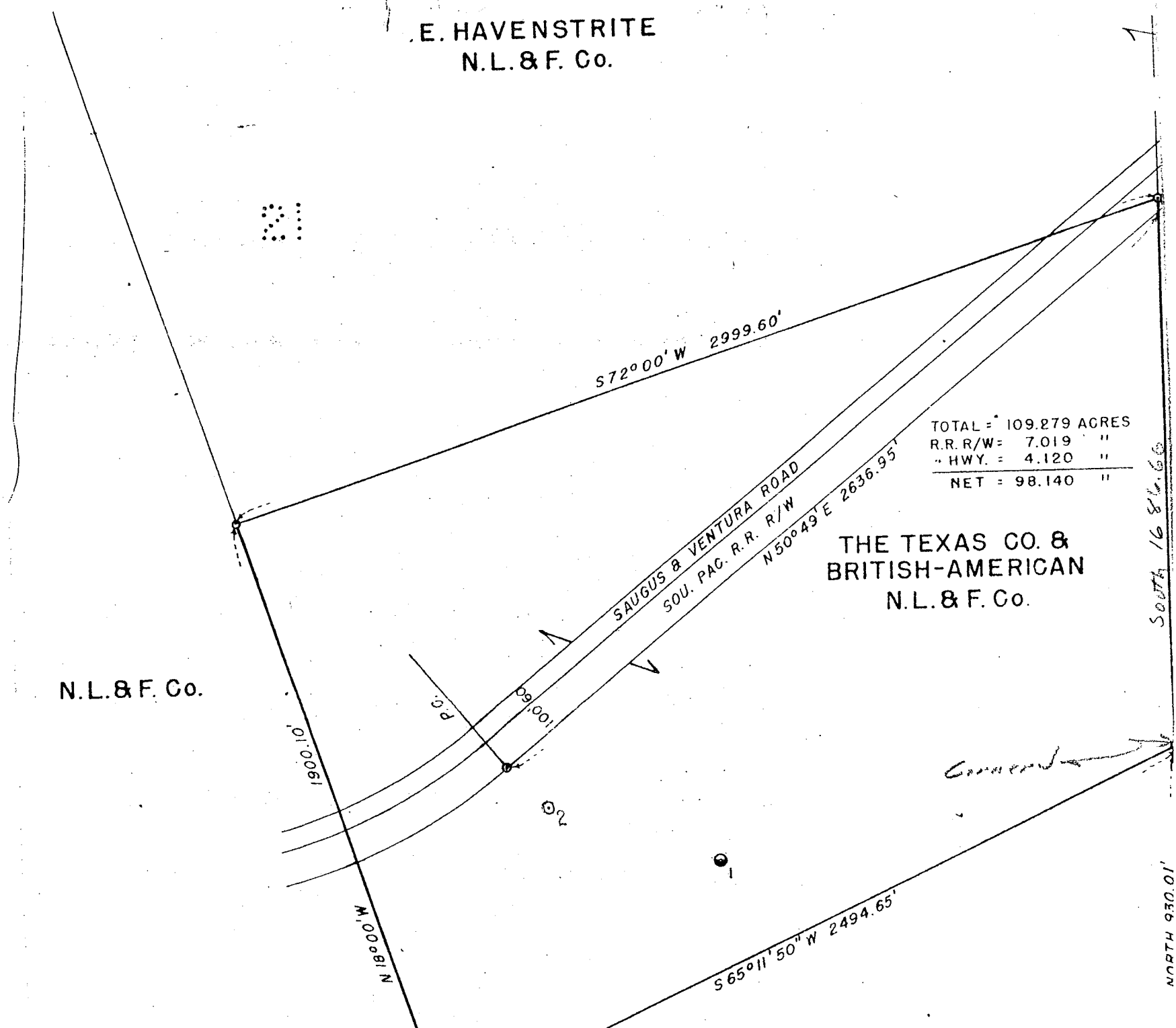
FCH:ES

cc - P.A.W.
Company

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Nuessen Deputy

Blanket Bond No. 130253 C


E. HAVENSTRITE
N.L.&F. Co.
S72°00'W 2999.60'
SAUGUS & VENTURA ROAD
SOU. PAC. R.R. R/W
N50°49'E 2636.95'
TOTAL = 109.279 ACRES
R.R. R/W = 7.019 "
" HWY. = 4.120 "
NET = 98.140 "
THE TEXAS CO. &
BRITISH-AMERICAN
N.L.&F. Co.
N.L.&F. Co.
P.C.
100.60
1900.10'
N18°00'W
S65°11'50"W 2494.65'
NORTH 930.01'
South 1686.66
Corner
2
1

FORM 108. 61558 8-38 5M.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

Los Angeles, Calif. July 24, 19 45

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 16, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to abandon well No. N.L.F. #2

Sec. 21, T. 4-N, R. 17-W, S.B. B. & M. Newhall-Potrero Field,

Los Angeles County, commencing work on the 25th day

of July 1945.

The present condition of the well is as follows:

11-3/4" csg. cmtd. at 2080'
Total depth 8467'

No showings of importance encountered throughout entire drilled section.
Cemented bottom of hole up to 7867'.
Tested interval 7793-7867'. Recovered 1590' salt all/water in 30 min.

The proposed work is as follows:

Fill hole with heavy mud.

Place cement bridge 2100-2060'.

Fill hole with heavy mud to surface.

Cap 11-3/4" csg. and abandon.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | Blanket 130253-C | | |

The Texas Company
(Name of Operator)

By W. A. Clark

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 18 1956
LOS ANGELES, CALIFORNIA

## Notice of Intention to Abandon Well

**This notice must be given at least five days before work is to begin; one copy only**

Santa Paula, Calif. September 17, 1956

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. N.L.F. #2 (Redrill), Sec. 21, T. 4N,

R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County,

commencing work on _____ 19____.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 12,073'

2. Complete casing record, including plugs:

11¾" casing - 2,079' to surface
7" casing - 10,389' to surface
5" casing - 11,926' to 10,326

Plugged to 7970'

3. Last Produced 8-56 (Date) 4 (Oil, B/D) 8 (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

5. Stratigraphic markers and depths:

6. Geologic age at bottom: Upper Miocene

7. Base of fresh water sands: Behind Surf. Csg.

THE PROPOSED WORK IS

1. Hang tubing at 7721' and pump in 30 sacks of cement.
2. Feel for the plug after four hours.
3. Pull as much 7" casing as possible.
4. Place a 30 lineal foot plug across the 7" stub.
5. Place a 40 lineal foot plug across the shoe of the 11¾".
6. Cut off the casing head, place a 20 lineal foot plug at the surface, weld a steel plate on the casing and abandon the well.

Abandon

| MAP | MAP BOOK | CARD | FORMS 114 | 121 |
|---|---|---|---|---|
| | | | | |

Box 510, Santa Paula, Calif.
(Address)

6F
(Telephone No.)

The Texas Company
(Name of Operator)

By P. O. Giddens
P.O. Giddens-Dist. Petr. Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

...IA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS ... NK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPE ... LY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator The Texas Company Field Newhall - Potrero

Well No. N.L.F. No. 2 Sec. 21, T. 4N, R. 17W, S.B. B. & M.

Location 793.18' N. and 1919.79' W. of the S.W. cor. of Lot #21 of Rancho San Francisco Elevation of ~~xxxxxx~~ ground above sea level 870' approx feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 7, 1946 Signed W. A. Clark

W. A. Clark

W. E. Larson (Engineer or Geologist) R. L. Jackson (Superintendent) Title Division Engineer (President, Secretary or Agent)

Commenced drilling 3-29-45 Completed drilling ____ Drilling tools ~~xxxx~~ Rotary

Total depth 8467' Plugged depth ____

Junk ____

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |
| | |
| | |
| | |

Commenced producing Dry hole (date) ~~xxxxxxxxxxxxxxxx~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | - | | | | | |
| Production after 30 days | - | | | | | |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfs |
|---|---|---|---|---|---|---|---|---|---|
| 11-3/4" | 2079' | Surface | 54# | New | | J-55 | 16" | 1600 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 8467' (Attach Copy of Log)

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

17

# REPORT OF WELL ABANDONMENT

Los Angeles, California

February 18 1957

Mr. R L Jackson
P O Box 7221
Long Beach Calif
Agent for THE TEXAS CO

DEAR SIR:

Your report of abandonment of Well No. "N.L.F." 2, Sec. 21, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero field, Los Angeles County, dated September 19, 1956, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 155 |
|---|---|---|---|---|---|
| 18A 3-20 WH | RJ 2-20 | | [illegible] | [illegible] | 27.5 |

cc Mr E H Musser
Company - Long Beach
Conservation Committee
Mr L A Dutton
Fire Prevention Bureau
Orig Mr P O Giddens
es

E. H. MUSSER
*State Oil and Gas Supervisor*

By R. N. Nelling
*Deputy Supervisor*

36120 5-56 6M SFO

FORM 108. 99528 4-41 6M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

Santa Paula Calif. July 21 1945

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Sec. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given that it is our intention to abandon well No. N. L. F. #2

Sec. 21, T. 4N, R. 17W, S.B. B. & M. Newhall-Potrero Field,

Los Angeles County, commencing work on the 23rd day

of July 1945

The present condition of the well is as follows:

1. Complete casing record. 11 3/4" - 54# - 2080' with 1600 sacks.
T.D. 8467'
Plugged to 7867'.

2. Last produced. _____ Date _____ Net oil _____ Gravity _____ Cut

The proposed work is as follows:

A formation test was run as follows:
Zone 7793'-7867'.
3/8" bean - 1400' water cushion.
Open 30 minutes - Fair steady blow throughout test.
Recovered 1590' of additional fluid, all water. Salinity 293 G.P.G.
We now propose to fill the hole with good heavy mud and plug with cement from 2100'-2020', cap surface and abandon.

THE TEXAS COMPANY
(Name of Operator)

By Paul L. Jackson

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

629 South Hill Street
Los Angeles 14, California
June 26, 1946

Mr W. H. Loomis
P. O. Box 320
Long Beach 1, California

Agent for The Texas Company

Dear Sir:

Your report of abandonment of well No. "N.L.F." 2, Sec. 21, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero oil field, Los Angeles County, dated June 7, 1946, and submitted to this division on our form No. 103, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this division, which are based on all information filed with it, have been fulfilled.

Yours truly,

R. D. BUSH
State Oil and Gas Supervisor

By C. H. Musser
Deputy Supervisor

cc - Mr. R. D. Bush
Company

SS

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | 6-2646 | | Blanket | | Encl |

SLW.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

June 29, 1982

Mr. L. B. Carrol, Jr., Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 67 (Name and number),
A.P.I. No. 037-13246, Section 21, T. 4N, R. 17W, S. B. B. & M.,
Newhall-Potrero field, Los Angeles County,
dated 4/30/82, received 5/5/82, has been
examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

r

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 263 | 17 7-2-82 | | | EPP ✓ | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor

Murray W. Dosch

OG159 (11-78-GSR1-8M)

OPERATOR [illegible]
LSE & NO [illegible]
MAP [illegible]

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 3-1-82 | | | | | |
| P-REPORT NUMBER | 282-90 | | | | | |
| CHECKED BY/DATE | FT 6-30-82 | | | | | |
| MAP LETTER DATED | 7-3-82 | | | | | |
| SYMBOL | P | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-3-82 | | | | | | | | | | | |
| HISTORY | 6-21-82 | | | | | | | | | | | |
| SUMMARY | 5-5-82 | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | JR | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED 6/29/82

RELEASED BOND _____

REMARKS: [illegible] OK 5/6/82

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 282-90

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. J. B. Carroll, Jr., Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Santa Paula, Calif.
April 28, 1982

Your operations at well "Rancho San Francisco" 67, API No. 037-13246, Sec. 21, T. 4N, R. 17W, SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 4/23/82. R. Habel, representative of the supervisor, was present from 0900 to 0930. There were also present Jim Britton, Company Representative

Present condition of well: additions to the casing record since Report No.T282-80: plugged with cement 60' to 5'.

The operations were performed for the purpose of abandonment

DECISION:

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 5' IS APPROVED.

WELL IS ABANDONED PROPERLY & SITE RESTORED TO A SATISFACTORY CONDITION 5/5/82

b

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray R. Bosch
Deputy Supervisor

OG109(12-80-15M)

FORM OG111(10/81/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 282-90

500
(field code)
00
(area code)
05
(new pool code)
05
(old pool code)

# REPORT ON PROPOSED OPERATIONS

Mr. L.B. Carroll, Jr., Agent
Sun Exploration and Production Co.
P.O. Box 55060
Valencia, CA 91355

Santa Paula, California
March 10, 1982

Your proposal to abandon well "Rancho San Francisco" 67.
A.P.I. No. 037-13246, Section 21, T. 4N, R. 17W, SB B. & M.,
Newhall-Potrero field, any area, 1-2-3 pool,
Los Angeles County, dated 3/1/82, received 3/3/82 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. All portions of the hole not plugged with cement shall be filled with inert mud fluid having a minimum density of 72 lbs/cu.ft. or a minimum gel shear strength (10 min) of 20 lbs/100 sq.ft., (30 sacks of Bentonite per 100 bbls. of water).
3. Blowout prevention equipment of at least DOG Class II 2M, shall be installed and maintained in operating condition at all times.
4. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
5. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS the location and hardness of the cement plugs at 6090' or above, 1170' above, and placing the surface plug from 30' to 5' in the hole and in the 13 3/8" x 7" annulus.
   b. TO INSPECT the well site after cleanup and restoration operations are completed.

3-29-82 1-259-0910
Jay Toops/Hauser
High pressure salt wtr flow up hole.
Could not release pkr, shot off @ 7121'
pkr @ 7518', propose to set retainer & Sqz (7000')
Hole fill on pkr. OK to proceed as proposed,
to notify DOG when sqz is done.

MD:b

4-1-82
Jay Toops/Hauser
Cavity shot @ 1370', set retainer @ 1270'
Sqz 345 sx "G" 3% CaCl 8 bpm @ 500 psi
Waive placement of surface plug.

M. G. MEFFERD, State Oil and Gas Supervisor

By [signature]
Murray W. Dosch, Deputy Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
MAR - 3 1982
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO #67, API No. 037-13246, Sec. 21, T. 4N, R. 17W, ____ B. & M., NEWHALL-POTRERO Field, LOS ANGELES County. commencing work on APRIL 1, 19 82.

The present condition of the well is: PRODUCER

1. Total depth: 8060'

2. Complete casing record, including plugs and perforations:

SEE ATTACHMENTS A & B

3. Last produced 12/79 (Date) 2 (Oil, B/D) 16 (Gas, Mcf/D) 57 (Water, B/D)

or

4. Last injected NONE (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands:

The proposed work is as follows:

1. MIRU. INSTALL BOP. FILL HOLE W/LEASE WATER. POH W/TBG & PACKER.
2. RIH W/SAWTOOTH COLLAR ON BOTTOM OF 2-7/8" TBG TO TD (7772').
3. RU HOWCO. SPOT A BALANCED PLUG FROM TD TO 6090' W/APPROX. 170 SX. CLASS 'G' CMT.
4. POH TO 5000' WOC 4 HRS. CONTACT DOG. TAG TOC. LOAD WELL W/72# MUD (240 BBLS).
5. RU PERFORATORS AND PERF. 4-1/2" HOLES @ 1370'. (BASE OF F/W SANDS).
6. RIH W/CEMENT RETAINER AND STRINGER ON TBG. AND SET AT 1270. PUMP 200 SX. CLASS 'G' CEMENT. UNSTAB. SPOT 100' PLUG ON RETAINER. POH TO 600'.
7. DISPLACE TBG VOL W72# MUD (7 1/4" BBLS). CONTACT DOG. TAG TOC.
8. LAY 25' SURFACE PLUG (30'-5') 9 CU FT OF CEMENT. CONTACT DOG.
9. CUT CSG 5' BELOW SURFACE. REMOVE CELLAR AND LINES AND CLEAR LOCATION. WELD ON PLATE AND INSTALL SURFACE MARKER. CONTACT DOG.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W RYE CANYON ROAD (Street)
VALENCIA, CALIFORNIA 91355-0560 (City) (State) (Zip)
Telephone Number 805/257-6200

SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION (Name of Operator)
By L. B. Carroll Jr. 3-1-82 (Name) (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13246

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles, Calif. August 20, 1947

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #67-33 A, Sec. 21, T. 4 N, R. 17 W, SB B. & M., Newhall Potrero Field, Los Angeles County.

Lease consists of

The well is 829.85 feet ~~N.~~ or S., and 560.68 feet ~~E.~~ or W. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor / ground above sea level is K. B. 896 / 893 / 886.95 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7600' feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74 | Smls. slip jt. | 500 | Cemented |
| 7" | 23 & 26# | J55 & N80 | 7600 | " |
| 5½" | 17# | J55 | 7900 | Landed |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. E. Lois Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORM 114 | |
|---|---|---|---|---|---|
| 18a JLW | JLW | [illegible] | [illegible] | [illegible] | [illegible] |

FORM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off
(FORMATION TESTER)

No. T 1-47402

Los Angeles 15, Calif. November 13, 1947

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Your well No. "Rancho San Francisco" 67-3, Sec. 21, T. 4 N., R. 17 W., S. B. B. & M. Newhall-Potrero Field, in Los Angeles County, was tested for water shut-off on November 9, 1947. Mr. Paul Betts, Inspector, designated by the supervisor, was present as prescribed in Sec. 3222 and 3223, Ch. 93, Stat. 1939; there were also present David Caldwell, Engineer; A. G. Chancey, Drilling Foreman.

Shut-off data: 7 in. 23 & 26 lb. casing was re-cemented through perforations 7590' and 7592' ft. on November 7, 1947 in 11" hole with 35 sacks of cement of which 8 sacks was left in casing.

Casing record of well: 13-3/8" cem. 462'; 7" cem. 7601', c.p. 7590' and 7592'; four 3/8" test holes at 7585'. W. S. O.

Reported total depth 8060 ft. Bridged with cement from 7601 ft. to 7590 ft. Cleaned out to 7590 ft. for this test. A pressure of xxx lb. was applied to the inside of casing for xxx min. without loss after cleaning out to xxx ft. A Halliburton tester was run into the hole on 3-1/2 in. drill pipe, with 1502 ft. of mud cushion, and packer set at 7549 ft. with tailpiece to 7568 ft. Tester valve, with 3/8" bean, was opened at 6:25 a.m. and remained open for 1 hr. and 5 min. During this interval there was a light blow for 14 minutes, no blow for 15 minutes, and light heads for the balance of the test.

INSPECTOR BETTS VISITED THE WELL FROM 12:15 P. M. TO 3:00 P. M., NOVEMBER 4, 1947, AND MR. BISCHOFF REPORTED:

1. An 11" rotary hole was drilled from 462' to 7680'; a 7-5/8" rotary hole, from 7680' to 8060'.
2. Electrical core readings showed the top of the "3rd" oil zone at 7105'.
3. On November 1, 1947, 7", 23 and 26 lb. casing was cemented at 7601' with 600 sacks of cement.
4. Cement was drilled out of the 7" casing from 7482' to 7593' (equivalent to 20 sacks)
5. A Johnston gun and tester was run into the hole on 3-1/2" drill pipe and packer set at 7563'.
6. The 7" casing was shot-perforated with four 3/8" holes at 7592'.
7. The tester valve was opened at 8:20 a.m. and remained open 1 hr. During this interv there was a light, steady blow for 10 minutes, a medium, steady blow for 6 minutes, no blow for 3 minutes, and a strong, steady blow for the balance of the test.

THE INSPECTOR NOTED THAT when the drill pipe was removed, 4240' of medium, gas-cut, drill fluid grading to thin, oily, gas-cut, drilling fluid at the bottom, was found in the dri pipe above the tester, equivalent to 35 bbl.

THE OPERATOR DECIDED TO RECEMENT.

THE INSPECTOR ARRIVED AT THE WELL AT 10:45 A. M., NOVEMBER 9, 1947, AND MR. CALDWELL REPORTED:

1. The 7" casing was shot-perforated with four 3/8" holes at 7590'.
2. On November 7, 1947, a retainer was set at 7538' and the 7" casing was recemented through perforations at 7590' and 7592' with 35 sacks of cement of which an estimate 22 sacks was squeezed away at a final pressure of 4725 lb.
3. Cement was drilled out of the 7" casing from 7547' to 7590' (equivalent to 8 sacks), and the casing was cleaned out to 7590'.
4. The 7" casing was shot-perforated with four 3/8" holes at 7585' for this test.
5. A Halliburton tester was run as noted above.

R. D. BUSH, State Oil and Gas Supervisor

By (CONTINUED ON PAGE 2), Deputy

73215 8-47 12,500 SPO

FORM 107. 50672 9-51 15M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
OCT 16 1959
LOS ANGELES, CALIFORNIA

# Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. October 13, 1959

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging~~ or altering casing at Well No. Rancho San Francisco
(Cross out unnecessary words)
#67-3, Sec. 21, T. 4N, R. 17W, SB B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

1. Total depth.
8060'

2. Complete casing record.
13 3/8" - 54.5# Lapweld J55 ST&C Csg. cmt'd @ 463' w/400 sx
7" -23#,26# Smls J55, N80 ST&C, LT&C Csg. cmt'd @ 7601' w/600 sx
4 - 3/8" holes @ 7585' - W.S.O.
4 - 3/8" holes @ 7590' - Sq. w/92 sx
4 - 3/8" holes @ 7592' - Sq. w/22 sx
5 1/2" - 16.87# Smls F.J. liner hung @ 7772'. Top at 7570'. Perforated w/100 M 7610' - 7687' and w/192 - 1/4" rd. holes/ft. 7687'-7770'
Cmt. plug: 7779' - 8060'

3. Last produced. Presently Producing 13 (Date) (Net Oil) 33.5 (Gravity) 45% (Cut)

The proposed work is as follows:

1. Kill well with crude oil
2. Shoot 4 holes at 7090' for W.S.O. test.
   a. Use 600' water cushion.
   b. Leave open 1 hour.
   c. Notify D.O.G. to witness.
3. Perforate 4 holes per foot from 7105' to 7125' and 7153' to 7218'.
4. Complete well on gas lift.
5. ~~Well name and number will hereafter be Rancho San Francis #67-3,3A.~~

SUNRAY MID-CONTINENT OIL CO.
(Name of Operator)

By J. O. McDonald, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105: 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 26 1948
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD Newhall Potrero

Well No. Rancho San Francisco 67-3, Sec. 21, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fox

Date February 24, 1948 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1947 | |
| 9- 1 | Spudded in with 17½" bit. |
| 5 | Depth 626'. 17 3/8" hole from 0' to 463'. 11" hole to 626'. Cemented 13 3/8" O.D. 54.5# Republic Electric Weld, T&C csg. at 462' with 400 sx. Victor Construction cement, 2½% gel. |
| 6 | Found plug at 450', shoe at 462'. Drilled ahead with 11" bit. |
| 10- 4 | Depth 7150'. Ran Schlumberger electric log. Drilled ahead to 7151' with 7 5/8" bit. |
| " | 7238'. " " " " |
| 12 | " 7380'. " " " " |
| 21 | " 7695'. " " " " and Dip Meter. 11" hole to 7680'. |
| 30 | " 8060'. " " " " |
| 11- 1 | Cemented 7" 26# & 23# J&L smls. casing at 7601', with 600 sx. Colton Slow cement. |
| 3 | Found top of cement at 7482', plugs at 7488', float collar at 7506.79'. |
| 4 | Shot 4 - 3/8" holes at 7592'. Ran Johnston tester. Set packer at 7563.5', with tailpiece to 7581'. Valve open one hour thru 3/8" btm. bean. Light steady blow 10 min., good steady 6 min., dead 2½ min., strong steady 41½ min. Rise - 46 1/3 stands oily, gassy mud. BHP chart showed press. build up to 1900# in one hour. WNSO. Test witnessed by Paul Betts of DO&G. Ran Sperry Sun Survey. |
| 5 | Set squeeze tool at 7541'. Squeezed with 25 sacks Colton slow cement. Found top of cement at 5775'. |
| 6 | Shot 4 - 3/8" holes at 7590'. Set squeeze tool at 7541'. Squeezed with 35 sacks Colton slow cement. |
| 7 | Set squeeze tool at 7538'. Squeezed with 35 sacks Colton slow cement. Set squeeze tool at 7538'. Squeezed again with 35 sacks Colton slow cement. |
| | Found top of cement at 7547'. Shot 4 - 3/8" holes at 7585'. Set Halliburton tester with tailpiece at 7568' and packer at 7549'. 1502' cushion. Valve open one hour. |

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS ... IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 26 1948
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field Newhall Potrero

Well No. Rancho San Francisco 67-3 Sec. 21, T. 4 N, R. 17 W, SB B. & M.

Location 829.85'S. & 560.68'W. from corner "J" Elevation of ground or kelly bushing above sea level 896 feet.
conc. mat 886.95

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date February 24, 1948 Signed R. E. Foss

R. M. Bischoff (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 9-1-47 Completed drilling 11-21-47 Drilling tools Rotary

Total depth 8060' Plugged depth 7779'

Junk

GEOLOGICAL MARKERS DEPTH

Commenced producing 11-23-47 (date) Flowing/gas lift/pumping (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 186 | | 0.7 | 169 | | |
| Production after 30 days | 26 | | 0.1 | 77 | 200 | 2160 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8 | 462 | Surface | 54.5 | New | Lapweld | J 55 | 17 3/8 | 400 | |
| 7 | 7601 | " | 23 & 26 | " | Smls. | J55, N80 | 11 | 600 | |
| 5½ | 7772 | 7569.88 | 16.87 | " | " | J55, N80 | 7 5/8 | | |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 7769.34 ft. | 7685.35 ft. | 192 ¼" holes per ft. | 16 | 1" | Shop |
| 5½ | 7687.18 ft. | 7609.65 ft. | 100 M - 2" long | 12 | 6" | " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

Electrical Log Depths 8060' (Attach Copy of Log)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
1987
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION
Field or County Newhall Potrero
Well RSF #67
Sec. 21, T 4N, R 17W SB B. & M.
A.P.I. No. 037-13246
Name L. B. CARROLL, JR. (Person submitting report)
Title Agent (President, Secretary or Agent)
Date 6/18/82, 19

Signature L B Carroll Jr.

P. O. Box 55060, Valencia, California 91355-0560 (Address)
(805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1982 | |
| 3/26 | TD 8060/13-3/8" 54.5# J55 CSG @ 463 CMTD w 400 SX/7" 23# 26# J55-N80 @ 7601 CMTD w 600 SX/5½" 16.87# FJ LNR HUNG @ 7772, TOP @ 7570/LNR PERFS 100M 2" 7610-7687/192 - ¼" RD HOLES/FT 7687-7770/THIS WELL IS NON PRODUCTIVE & HAS A CASING FAILURE<br>MIRU CPS RIG #19/REMOV TREE/INSTL BOE/UNABL TO REL PKR/SIFN/ |
| 3/27 | WELL WILL FLOW 10-15 BBL WTR/HR OUT CASING/RU GEARHART RIH w FREEPOINT/FND TBG STUCK @ 7208 @ 7150 PARTIALLY FREE/RIH CHEMICAL CUT TUBING @ 7121/PMPD 350 BBLS MUD DN TBG/NO RTNS/SHUT IN WELL/ |
| 3/28 | RIG SHUTDOWN/ |
| 3/29 | POOH w 2-7/8" TBG/RIH w 7" CSG SCRPR TO 7000/POOH/RIH PERF 4½" HOLES @ 6910/ POOH/RIH SET CMT RET @ 6810 w WIRELINE/POOH/RIH w 2-7/8" TBG TO 1500/SIFN/ |
| 3/30 | HYDRO TST TBG IN @ 5000 PSI/RU HOWCO/STAB INTO RET/ESTABLSH BRK DN OF ½ BPM @ 2200 PSI/UNSTAB/MX & PMP 75 SX CL "G" NEET CMT/DISPL w 94 FT³ OF MUD/STAB IN SQZ AWAY 104 FT³ @ 2 BPM @ 1800 PSI/FINAL 2400 PSI/UNSTAB/POOH TO 6500/REVERSE CIRC HOLE CLN/POOH REMOV STAB IN TOOL/RIH w STC TO 5000/SIFN/ |
| 3/31 | RIH TAG CMT @ 6714/FRED TAYLOR w DOG WITNESS & OK'D/CHG OVR TO 74# MUD/POOH/ RU GEARHART/MADE CAVITY SHOT @ 1370/RIH SET CMT RET @ 1270/ESTABLISH BRK DN @ 8 BPM @ 500 PSI/MX & PMP 345 FT³ CL "G" CMT/SQ @ 5 BPM/400 PSI/FINAL 500 PSI/ DISPL w 19 FT³ MUD/POOH/SIFN/ |
| 4/1 | RIH TAG CMT @ 1165/POOH TO 60/MX & CIRC CMT TO SURF/POOH/RD/DROP FRM RPT UNTIL SURF WRK COMPLETED/ |
| 4/23 | COMPLETED P&A SURF WRK/ |
| 5/7 | FINAL REPORT/ |

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

OMPANY Quintana Petroleum Corp. WELL NO. "NL&F - Trifield #1

API NO. 04-037-22352 SEC. 22, T. 4 N, R. 17 W, S.B. B.&M.

COUNTY Los Angeles FIELD Newhall - Potrero

RBDMS DATA ENTERED: 07/12/99 REVISED 9-13-99
(DATE)

BY: T. Perez
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

OPERATOR Quintana Petroleum corp.
LSE & NO "N L & F -TRIFIELD" 1
MAP 253

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | DRILL | ABAND | | | | |
| NOTICE DATED | 2-5-82 | 5-21-82 | | | | |
| P-REPORT NUMBER | 282-51 | 282-145 | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | → | | | | | |
| SYMBOL | → | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 2-8-82 | | | | | | | | | | | |
| HISTORY | 6-1-82 | | ← | | | | | | | | | |
| SUMMARY | 6-1-82 | | ← | | | | | | | | | |
| IES/ELECTRIC LOG | 6-15-82 | | | | | | | | | | | |
| DIRECTIONAL SURV | 6-27-82 | | | | | | | | | | | |
| CORE/SWS DESCRIP | None taken | | | | | | | | | | | |
| MUD LOG | 5-20-82 | | | | | | | | | | | |
| OTHER CONTIN. DIP | 6-15-82 | | | | | | | | | | | |
| FDC/CNL | 6-15-82 | | | | | | | | | | | |
| ARROW PLOT | 6-23-82 | | | | | | | | | | | |
| RECORDS COMPLETE | JR | | MG | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

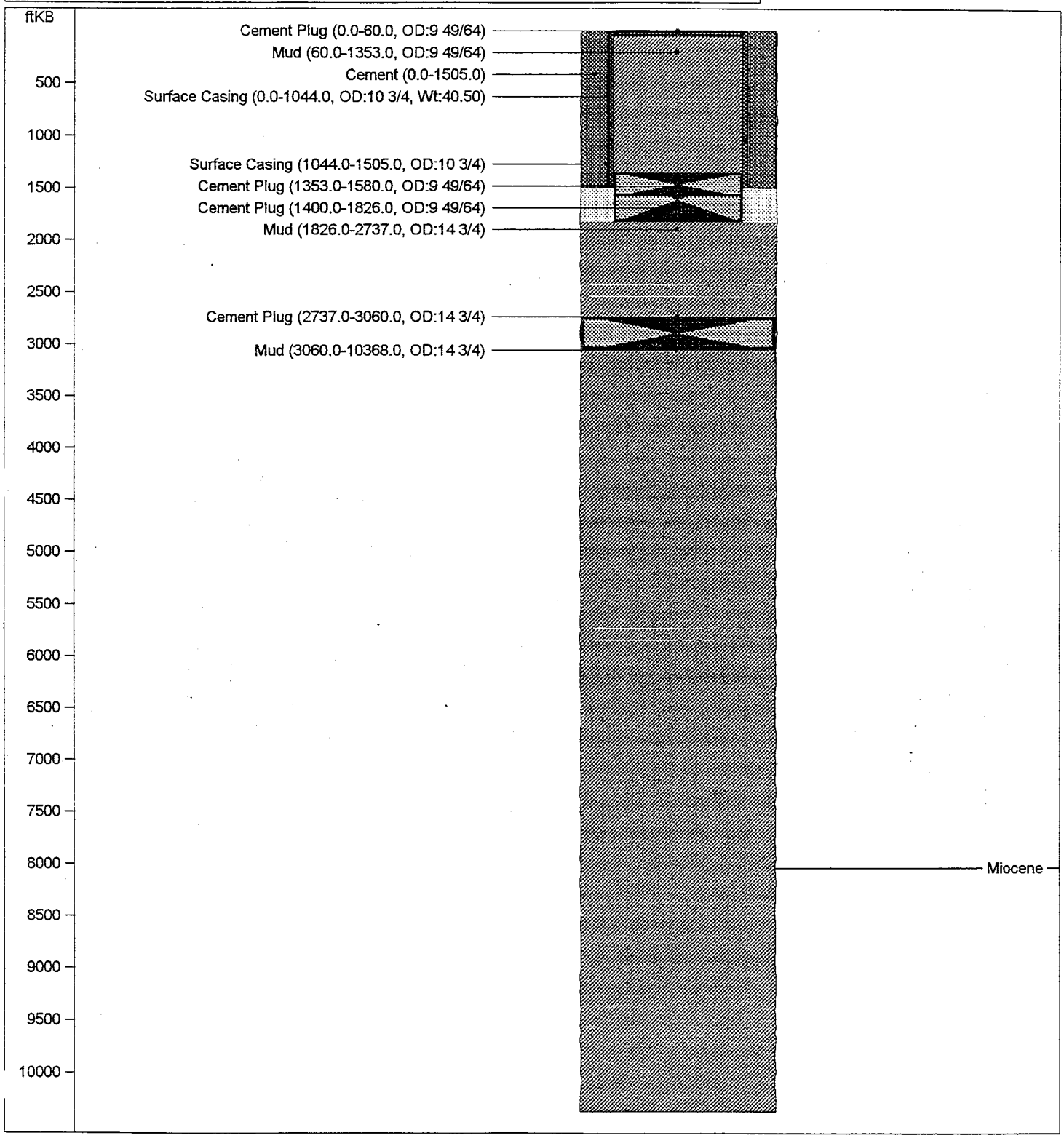
CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER OK
MAILED 8/5/82
RELEASED BOND _____

REMARKS: Final inspection completed - site restored
Release conf status 11-6-84 M Stethen

| 04037223520000 | |
|---|---|
| Well Name | NL&F-TRIFIELD 1 |
| Operator | QUINTANA PETROLEUM CORP |
| Field Name | NEWHALL-POTRERO |
| TD | 10368.0 ftKB |
| PBTD | 0.0 ftKB |
| Approval Date | 22-Feb-82 |
| Spud Date | 14-Feb-82 |
| TD Date | 12-May-82 |
| Production Date | |
| Injection Date | |
| P/A Date | 12-May-82 |

Division of Oil & Gas Conservation




7/15/99

FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula Caliifornia

August 5, 1982

Mr. Gary S. Childress, Agent
Quintana Petroleum Corporation
1321 Stine Rd., Suite B-1
Bakersfield, CA 93309

DEAR SIR:

Your report of abandonment of Well No. "NL&F-Trifield" 1 (037-22352) Sec. 22, T. 4N, R 17W, S. B. B. & M., Newhall-Potrero field, Los Angeles County, dated 5/26/82, received 6/1/82, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | [illegible] | | 12 B | EDP N/A | ✓ |

M. G. MEFFERD
~~JOHN F. MATTHEWS, JR.~~
*State Oil and Gas Supervisor*

By [signature]
*Deputy Supervisor*

16234-705 10-72 4M CSP

Form OG100 (7/75)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-22352

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: QUINTANA PETROLEUM CORPORATION | Well: "N.L.& F. -Trifield #1 |
| Field: Newhall-Potrero | County: Los Angeles; Sec. 22; T. 4N; R. 17W; B.&M. S.B. |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 3083' South and 2850' East of Northwest Corner | Elevation of ground above sea level: 930' |

Commenced drilling (date): 2-14-82

Completed drilling (date): 5-11-82

Commenced producing (date): N/A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): N/A

Total depth: (1st hole) 10,368' (2nd) (3rd)

Present effective depth: 10,368

Junk: Drill collar, Monel Drill Collar, Kick Sub, Dyna Drill, Bit, bottom of wall hook, overshot guide.

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is 23 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top Miocene (?) | 8040' |

Formation and age at total depth: Miocene Modelo Formation

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | N/A | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 10 3/4" | Surface | 1502' | 40.50#/ft | K-55 ST&C | New | 14 3/4" | 1349$^3$ | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

N/A

Was the well directionally drilled? ☒ Yes ☐ No If yes, show coordinates at total depth: 2273'N & 326'E

Electrical log depths: DIL 10,328 - 1488' WLM

Other surveys: FDC/CNL 10350-5,000' WLM Dipmeter 10,327-9100' WLM

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | |
|---|---|---|
| Name: Betty Harmon | Title: Administrative Clerk | |
| Address: P.O. Box 10658 | City: Bakersfield, California | Zip Code: 93389 |
| Telephone Number: 805-398-5651 | Signature: [signature] | Date: 5-26-82 |

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
- 1 1982
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "N.L.& F.-Trifield" #1, API No. 037-22352, Sec. 22, T. 4N, R. 17W, S.B.B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on 5-11, 19 82.

The present condition of the well is:
plugged and abandoned

1. Total depth:
10,368'
2. Complete casing record, including plugs and perforations:
see reverse side of form

3. Last produced N/A
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected N/A
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows N/A

6. Stratigraphic markers:
Top Miocene (?) 8040'

7. Formation and age at total depth:
Miocene Modelo Formation
8. Base of fresh water sands: 3060

The proposed work is as follows:

Ran in hole with open ended drill pipe. Laid cement plug 3060-2737. Laid down drill pipe. Tagged top of plug - witnessed and approved by D.O.G. Laid cement plug 1580-1353. Tagged top of plug. Laid surface plug 60' to surface.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P.O. Box 10658
(Street)
Bakersfield, California 93389
(City) (State) (Zip)
Telephone Number (805) 398-5651
(Area Code) (Number)

QUINTANA PETROLEUM CORPORATION
(Name of Operator)
By Betty Harmon
(Print Name)
Harmon
(Signature) 5-26-82
(Date)

OG108 (11-78-GSRI-5M)

Form OG105 (8/80)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS
## Notice of Intention to Drill New Well

FEB 8 1982
SANTA PAULA, CALIFORNIA

| C.E.Q.A. INFORMATION | | | |
|---|---|---|---|
| EXEMPT [X] CLASS Ca. Adm Code #1504(a) | NEG. DEC. [ ] S.C.H. NO. | E.I.R. [ ] S.C.H. NO. | DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION [ ] |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | | | |
|---|---|---|---|---|---|
| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
| 255 | 52 | ✓ | 52 | ✓ | ✓ |

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well NL&F-Trifield No. 1, API No. 037-22352 (Assigned by Division),

Sec. 22, T. 4N, R. 17W, S.B. B. & M., ~~Wildcat~~ Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 1000 acres, is as follows: (see attached legal (Attach map or plat to scale)
description & plat of lease & surface location. NOTE: Newhall Land and Farming Company owns surface and minerals with respect to both leased land and drillsite.

Do mineral and surface ~~leases~~ owners coincide? Yes X No ____. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well ~~3053~~ ~~2716~~ feet South (Direction) ~~along section/property line~~ (Cross out one) and ~~2850~~ ~~643~~ feet East (Direction)

at right angles ~~to said line~~ from ~~the~~ Corner 11, Rancho San Francisco ~~corner of section/property~~ (Cross out one) ~~or~~
in projected Section 22, T4N-R17W

Is this a critical well according to the definition on the reverse side of this form? Yes [ ] No [X]

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth:
1669 feet North (Direction) and 324 feet East (Direction)

Elevation of ground above sea level 933 feet.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table, or Kelly Bushing) that is 20 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES API | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS | CALCULATED FILL BEHIND CASING (Linear Feet) |
|---|---|---|---|---|---|---|
| 20" | | | surface | 40' | 40' | To surface |
| 10-3/4" | 40.50#/ft | K-55 ST&C | surface | 1500' | 1500' | To surface |
| 5-1/2" | 17.0#/ft | N-80 LT&C | surface | 10,500 | 10,500' | To surface |

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Miocene Modelo 4790 psi (Name, depth, and expected pressure) Estimated total depth TVD -10,300 10,500

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

| Name of Operator | Type of Organization (Corporation, Partnership, Individual, etc.) | |
|---|---|---|
| QUINTANA PETROLEUM CORPORATION | Corporation | |
| **Address** P.O. Box 10658 | **City** Bakersfield, California | **Zip Code** 93389 |
| **Telephone Number** 805/398-5651 | **Name of Person Filing Notice** Betty Harmon, Adm. Clerk | **Signature** Bharmon |
| | Gary S. Childress, Operations Manager | Gary S. Childress |
| | | **Date** 2-5-82 |

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

Gary Childress

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice *or* supply the following information:

Lead Agency: Los Angeles County Grading Department

Lead Agency Contact Person: Gordon Merian

Address: 532 South Vermont

Los Angeles, CA 90020

Phone: (213) 738-2133

| FOR DIVISION USE ONLY |
| --- |
| District review of environmental document (if applicable)? Yes ☐ No ☐ |
| Remarks: |

## CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720(a), "Critical well" means a well within:

(1) 300 feet of the following:
(A) Any building intended for human occupancy that is not necessary to the operation of the well; or
(B) Any airport runway.
(2) 100 feet of the following:
(A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
(B) Any navigable body of water or watercourse perennially covered by water;
(C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high–density population; or
(D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY ORYX Energy Company WELL NO. "Newhall Land & Farming" 1
API NO. 04-037-12619 SEC. 22, T. 4N, R. 17W, S.B. B.&M.
COUNTY Los Angeles FIELD Newhall-Pastrero

RBDMS DATA ENTERED: 07/12/99 (DATE)

REVIEWED 9-28-99 PC

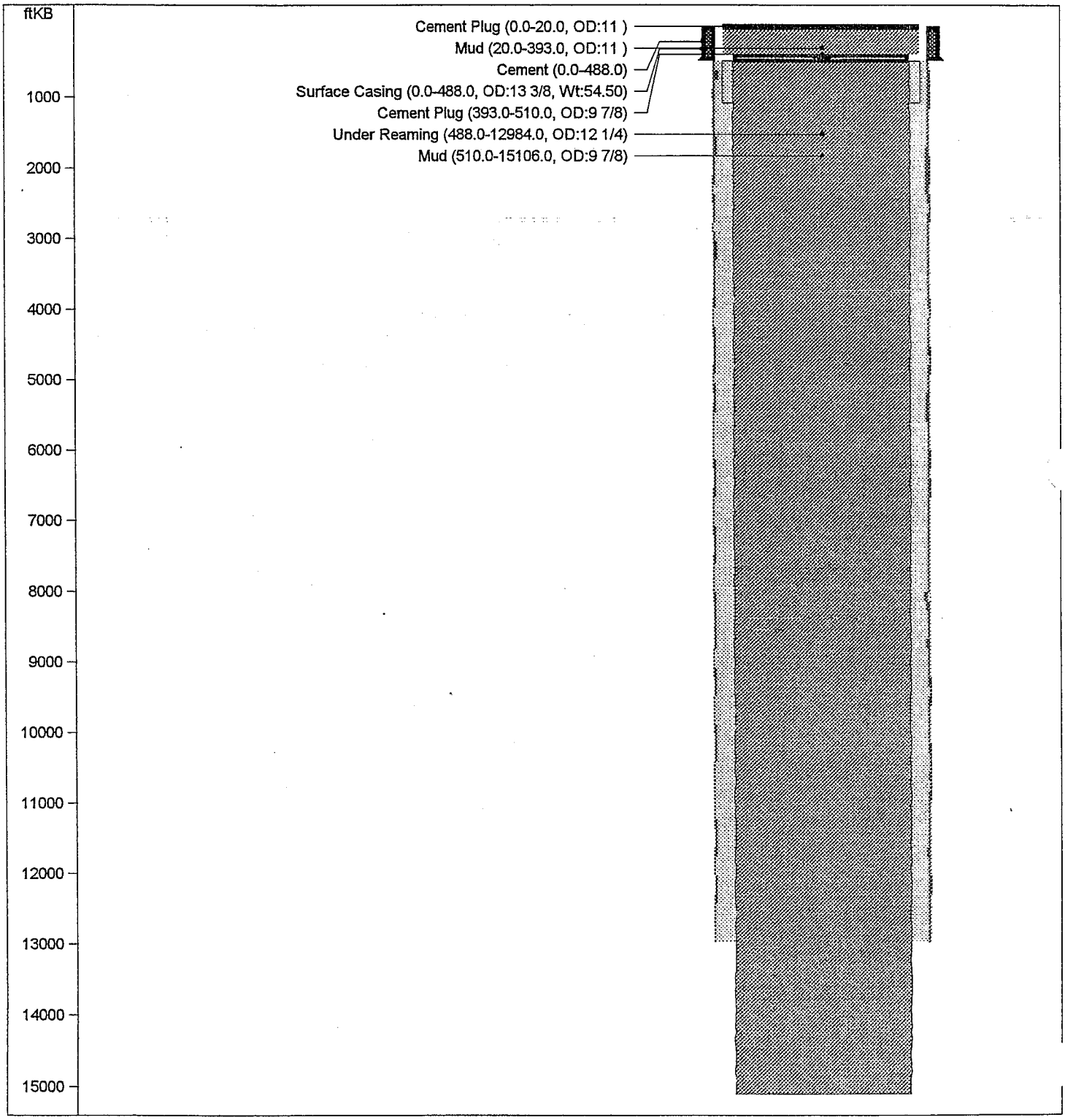
BY: T. Perez (NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

| 04037126190000 | |
|---|---|
| Well Name | NEWHALL LAND AND FARMING 1 |
| Operator | ORYX ENERGY CO. |
| Field Name | NEWHALL-POTRERO |
| TD | 15106.0 ftKB |
| PBTD | 0.0 ftKB |
| Approval Date | 22-Jun-55 |
| Spud Date | 18-Jun-55 |
| TD Date | 26-Nov-55 |
| Production Date | |
| Injection Date | |
| P/A Date | 16-Dec-55 |

Division of Oil & Gas Conservation




7/15/99

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| Newhall-Potrero | 2 |
| **Former owner** | **Date** |
| Sun Exploration and Production Co. | Aug. 7, 1989 |

Name and location of well(s)

Sec. 31, T. 4N., R. 16W., (ALL WELLS)

Secs. 21, 22, 25, 26, 27, 28, 35, 36, T. 4N., R. 17W. (ALL WELLS)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 5-3-89 | Oryx Energy Co.<br>Address<br>P.O. Box 55060<br>Valencia, CA 91355 | Co.<br>Telephone No.<br>805-257-6200 |

Reported by
Sun Exploration & Production Co.

Confirmed by
Oryx Energy Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| PA | (NAME CHANGE ONLY) |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| | |
|---|---|
| Field or county<br>NEWHALL-POTRERO | District<br>2 |
| Former owner<br>Sun Oil Company | Date<br>Mar. 31, 1983 |

Name and location of well(s)

Sections 21, 22, 25, 26, 27, 28, 35, 36, T4N. R. 17W.

ALL WELLS

Description of the land upon which the well(s) is (are) located

| | | |
|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>1/1/82 | New owner<br>Sun Exploration & Production Co.<br>Address<br>P.O. Box 55060<br>Valencia, Ca. 91355 | Type of organization<br>Company<br>Telephone No.<br>(805) 257-6200 |

Reported by
Sun Oil Company

Confirmed by
Sun Exploration & Production Co.

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent<br>on file |
| Old operator new status (status abbreviation)<br>Ab | Remarks<br>NAME CHANGE ONLY |

| | |
|---|---|
| Deputy Supervisor<br>Murray W. Dosch | Signature<br>Murray W. Dosch |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

1015 W Olympic Boulevard
Los Angeles 15 California

March 5 1956

MR. O A Graybeal Agent
Sunray Mid-Continent Oil Co
714 West Olympic Boulevard
Los Angeles 15 California

Dear Sir:

Your report of abandonment of Well No. "Newhall Land and Farming" 1, Sec. 22, T. 4 N, R. 17 W, S. B. & M., Newhall-Potrero field, Los Angeles County, dated December 16, 1955, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18AWJR | RY | | Waived | | EK |

mm

E. H. MUSSER
*State Oil and Gas Supervisor*

cc: E. H. Musser
Company
Conservation Committee
L A Dutton
Fire Prevention Bureau

By R. W. Walling
R W WALLING
*Deputy Supervisor*

17601 5-55 11,200 SPO

FORM 100.
[CALIFORNIA STATE PRINTING OFFICE]

SUBMIT LOG IN DUPLICATE

FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

JAN 19 1956
LOS ANGELES, CALIFORNIA

Operator Sunray Mid-Continent Oil Company Field Newhall-Potrero

Well No. "Newhall Land and Farming" 1 Sec. 22, T. 4N, R. 17W, S.B. B. & M.

Location 902.48' N. & 300.28' W. of S.E. Corner Sec. 22 Elevation of ~~ground~~ kelly bushing or ~~conc. mat~~ above sea level 1083.60 / 1068.60 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 16, 1955 Signed O. A. Graybeal

M. R. Elliott (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling June 18, 1955 Completed drilling November 28, 1955 Drilling tools Rotary

Total depth 15,106' Plugged depth Surface

Junk

Well Abandoned.

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing Never Produced. (date) Flowing/gas lift/pumping (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | | | | | | |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemen if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 488' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 340 | -- |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 8962'; 10,906'; 12,808'; 13,771'; 14,163'; 14,586'; 14,972'; 15,105' (Attach Copy of Log)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

037-12619

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
JUN 20 1955
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. June 13 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 184 | | | | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Newhall Land and Farming" 1 Proj., Sec. 22, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 902.48 feet N. ~~and~~ and 300.28 feet ~~E.~~ W. from S.E. Corner of Sec. 22 (Proj.)
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / conc.mat above sea level is 1083.60 / 1068.60 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

Estimated total depth - 13,000'.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 53.5# | J-55 Smls | 500' | Cemented |
| | | | | |
| | | | | |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY MID-CONTINENT OIL CO.
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

ORM 105

037-16511

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS 3

DIVISION OF OIL AND GAS
RECEIVED
FEB 1 1955
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

Los Angeles Calif. January 27, 1955

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. Newhall Land & Farming Co. No. 45, Sec. Proj. 23, T. 4-N, R. 17-W, SB B. & M., Castaic Junction Field, Los Angeles, County.

Legal description of lease See attached Plat.
(Attach map or plat to scale)

Location of Well: 835 feet South (Direction) and 4269 feet East (Direction) at right angles to said line from corner 11, Rancho San Francisco, Los Angeles, County, California. Also located 1,020 feet South and 3,698 feet West from the Northeast corner of Projected Section 23, T-4-N, R-17-W, SBB&M.

Elevation of ground above sea level feet To be submitted Later datum.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 12 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 10-3/4" | 40.5# | J-55 | 0 | 800 | Cemented to surface |
| 5-1/2" | 17 -20 & 23# | N-80 | 0 | 12000 | Cemented 1000 feet above shoe |
| | | | | | |
| | | | | | |

Intended zone or zones of completion: Zone 21, Upper Miocene, 12000'

| | MAP BOOK | CARDS | BOND | FORMS 114 | 121 |
|---|---|---|---|---|---|
| 7HL 'BA | WJP | EB | | EB | EB |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 612 South Flower Street
Los Angeles 17, California
Telephone Number MA 6-7701

Humble Oil & Refining Co.
(Name of Operator)
By James E. Coy

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

NAME CHANGE FROM: HUMBLE OIL & REFINING COMPANY

TO: EXXON CORPORATION 1/1/73

FORM 111 (1-49)

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 155-198

Mr. J E Cox
Newhall
California

Agent for HUMBLE OIL & REFINING CO

Los Angeles 15 California
February 7 1955

121

DEAR SIR:

Your "Newhall Land & Farming Co." proposal to drill Well No. 45,

Section 23, T. 4 N, R. 17 W, S B B. & M., Castaic Junction Field, Los Angeles County,

dated Jan. 27 1955, received Feb. 1 1955, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES
"Legal description of lease See attached Plat.
Location of Well: 835 feet South and 4269 feet East at right angles to said line from corner 11, Rancho San Francisco, Los Angeles, County, California. Also located 1,020 feet South and 3,698 feet West from the Northeast corner of Projected Section 23, T-4-N, R-17-W, SBB&M
Elevation of ground above sea level To be submitted Later
All depth measurements taken from top of Kelly Bushing which is 12 feet above ground."

PROPOSAL
"PROPOSED CASING PROGRAM

| Size of Casing Inches A.P.I. | Weight | Grade and Type | Top | Bottom | Cementing Depths |
|---|---|---|---|---|---|
| 10-3/4" | 40.5# | J-55 | 0 | 800 | Cemented to surface |
| 5-1/2" 17 -20 & 23# | | N-80 | 0 | 12000 | Cemented 1000 feet above shoe |

Intended zone or zones of completion: Zone 21, Upper Miocene, 12000'
It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION
THE PROPOSAL IS APPROVED PROVIDED THAT
1. Mud fluid consistent with good drilling practice shall be used and the column of mud flui maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 2000'.
   (b) To witness a test of the effectiveness of the 5½" shut-off.

FEK:OH

cc Company (2)
Newhall Land & Farming Co
ig Company Los Angeles
anket bond.

E. H. MUSSER
State Oil and Gas Supervisor

By R. N. Walling Deputy

56406 5-54 25M SPO

FORM 108. 57613 2-52 20M ② SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
MAY 4
LOS ANGELES, CALIF.

## Notice of Intention to Abandon Well

**This notice must be given at least five days before work is to begin; one copy only**

Newhall, Calif. May 2, 19 55

DIVISION OF OIL AND GAS
1015 West Olympic Blvd.
Los Angeles 15, Calif.

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given that it is our intention to abandon well No. Newhall Land & Farming Co. #45

Sec. 23, T. 4-N, R. 17-W, S.B. B. & M. Castaic Junction Field,

Los Angeles County, commencing work on the 2nd day

of May 19 55.

The present condition of the well is as follows:

1. Total depth. 11,947' - Drilled 9-7/8" hole to TD without encountering any commercial oil or gas shows. Approximate top of 21-zone - 11,700', top of 15-zone - 10,690', base of fresh water sand 3300'.
2. Complete casing record.

10-3/4" 40.50 J-55 Casing set at 824'.

3. Last produced. Dry Hole

| Date | Net oil | Gravity | Cut |
|---|---|---|---|
| | | | |

The proposed work is as follows: Place cement plugs as follows:

#1 - from 11,800 to 11,600, using 100 sacks cement
#2 - from 10,750 to 10,550, using 100 sacks cement
#3 - from 3,300 to 3,100, using 100 sacks cement
DOG will be notified to witness location and hardness of plug #3 which is at base of fresh water sand.
#4 - from 925 to 725 using 100 sacks cement
#5 - from 20 to 0 using 10 sacks cement
and weld steel plate on top of casing.

Abandoned

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | EB | | | EB |

HUMBLE OIL & REFINING COMPANY
(Name of Operator)

By James E. Cox
James E. Cox

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Los Angeles 15 California

June 27, 1955

Mr J E Cox Agent
Humble Oil & Refining Co
613 San Fernando Road
Newhall California

Dear Sir

Your report of abandonment of Well No. "Newhall Land & Farming Co." 45 Sec. 23, T. 4 N, R. 17 W, S B B. & M., Castaic Junction field, Los Angeles County, dated May 31, 1955, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| Cal 18A | WLP | | [illegible] | | [illegible] |

M.J.

Yours truly

E. H. MUSSER
*State Oil and Gas Supervisor*

By R. W. Walling
*Deputy Supervisor*

cc Mr E H Musser
Company
Newhall Land & Farming Co
Mr L A Dutton
Fire Prevention Bureau
Conservation Committee

es

98061 4-54 11,200 SPO

FORM 111 (1-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 155-800

Mr J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING CO

Los Angeles 15, Calif.
May 5, 19 55

DEAR SIR:

Your proposal to abandon Well No. 45 "Newhall Land & Farming Co.",
Section 23, T. 4 N, R. 17 W, S B B. & M., Castaic Junction Field, Los Angeles County,
dated May 2, 19 55, received May 4, 19 55, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"The present condition of the well is as follows:

1. Total depth. 11,947' - Drilled 9-7/8" hole to TD without encountering any commercial oil or gas shows. Approximate top of 21-zone - 11,700', top of 15-zone - 10,690', base of fresh water sand 3300'.
2. Complete casing record.
   10-3/4" 40.50 J-55 Casing set at 824'.
3. Last produced. Dry Hole."

PROPOSAL

"The proposed work is as follows: Place cement plugs as follows:

#1 - from 11,800 to 11,600, using 100 sacks cement
#2 - from 10,750 to 10,550, using 100 sacks cement
#3 - from 3,300 to 3,100, using 100 sacks cement
DOG will be notified to witness location and hardness of plug #3 which is at base of fresh water sand.
#4 - from 925 to 725 using 100 sacks cement
#5 - from 20 to 0 using 10 sacks cement and weld steel plate on top of casing."

DECISION

THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

FEK:OH

2 cc Humble Oil & Refining Co
P O Box 1196
Newhall California

Newhall Land & Farming Co
Route 3 Box 77
Saugus California

Orig. Humble Oil & Refining Co
612 South Flower Street
LOS ANGELES 17

Blanket Bond.

E. H. MUSSER, State Oil and Gas Supervisor

By R. N. Walling, Deputy

Form 100.

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

RECEIVED JUN 2 4 1955 LOS ANGELES, CALIFORNIA

Operator Humble Oil & Refining Company

Field Castaic Junction

Well No. Newhall Land & Farming Co. #45

Sec. 23, T. 4-N, R. 17-W, S. B. B.&M.

Elevation above sea level 943 feet.

Location 835' South and 4269' East at right angles to said line from corner 11, Rancho San Francisco, Los Angeles County.

All depth measurements taken from top of Rotary Drive Bushing, which is 955 feet above ground.

Date May 31, 1955

Signed James E. Cox

Geologist Paul H. Dudley Jr.

Title James E. Cox, District Superintendent

Commenced drilling 3-4-55 Completed drilling 5-5-55 Rotary Drilling tools

Total depth 11947' Plugged depth -

Junk None

~~Commenced producing~~ Dry Hole

Initial production None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top of Miocene(E.Log) | 7700(?) |
| | |

CASING RECORD

| Size of Casing | Depth Shoe | Top Csg | Weight | New Used | Seamless Lapweld | Grade | Size Hole | Cemt. | Depth Perfs. |
|---|---|---|---|---|---|---|---|---|---|
| 10-3/4" | 824' | 16' | 40.5# | New | SS | J-55 | 16" | 450 | - |

PERFORATIONS - None

Plug To Abandon:

| | | |
|---|---|---|
| No. 1 | 11800-11600 | Using 100 sacks Hi-Temp Cement |
| No. 2 | 10750-10550 | Using 100 sacks Hi-Temp Cement |
| No. 3 | 3300- 3100 | Using 100 sacks Construction Cement |
| No. 4 | 914- 714 | Using 100 sacks Construction Cement |

Top plug from bottom of cellar down 20'.

Electrical Log Depths 10737' and 11947'

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, California
August 22, 1991

L.R. Howard, Agent
EXXON San Joaquin Production Co.
P.O. Box 5025
Thousand Oaks, CA. 91359

Your report of abandonment of well "Newhall Land & Farming Co." 52, A.P.I. No. 037-16516, Section 23, T. 4N, R. 17W, SB B.&M., Castaic Junction field, Los Angeles County, dated 2-27-91, received 4-19-91, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

bb

| MAP | MAP BOOK | CARDS | BOND | EDP | FORMS 114 | FORMS 123 |
|---|---|---|---|---|---|---|
| 253 | pmc 5/6/91 | — | BB | ✓ | — | ✓ |

cc: Conservation Committee
Update

M.G. MEFFERD, State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear, Deputy Supervisor

OG159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No.T291- 91

# REPORT ON OPERATIONS

L.R. Howard, Agent
EXXON Corp.
P.O. Box 5025
Thousand Oaks, CA. 91359

Ventura, California
April 2, 1991

Your operations at well "Newhall Land & Farming Co." 52, API No. 037-16516, Sec. 23, T. 4N, R. 17W, S.B.B.&M. Castaic Junction Field, in Los Angeles County, were witnessed on 2/18/91. Bruce Hesson, representative of the supervisor, was present from 0800 to 0900. There were also present Ken Kennedy, Dave Morris.

Present condition of well: 10 3/4" cem 815'; 5 1/2" cem 10925', cp 800'-820', 10645'-10660', perf 10749' (WSO), perfs 10785'-10835' (cem off), perfs 10840'-10915', junk below 9898'. TD 10937'. Plugged w/cem 10937'-10920', 9892'-9474', 810'-220' & 93'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

ljg

SURF INSP OK - 8-16-91 BHESSON

M.G. MEFFERD, State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109

# DI 'SION OF OIL AND G 3

RECEIVED
NOV 1 9 1990
VENTURA, CALIFORN...

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS OGD114 | FORMS OGD121 |
| ✓ | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Newhall Land + Farming #52, API No. 40371651600 Sec. 23, T. 4N, R. 17W, SB B. & M., Castaic Junction Field, Los Angeles County.

commencing work on _____, 19____

The present condition of the well is:

1. Total depth: see attached
2. Complete casing record, including plugs and perforations:

see attached

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected 10/1/75 423 2145 psi (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands: 800'

The proposed work is as follows:

see attached

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 225 W. Hillcrest Dr. (Street)
Thousand Oaks, CA (City) (State) (Zip)
Telephone Number (805) 494-2000 (Area Code) (Number)

Exxon Company, U.S.A. (Name of Operator)
By [signature] (Signature) 11/15/90 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (8-75—CSRI—15M)

Total Depth: 10937'

Casing Record:

815', 10-3/4", 40.5#, cmt w/500 sks. (shoe to surface)
10925', 5-1/2", 15.5#, 17#, 20#, cmt w/400 sks. (shoe to 9145')
Perfs from 10645' - 10660', cemented over
Baker permanent packer set @ 10680'
4 W.S.O. holes @ 10750', cemented over
Perfs from 10785' - 10835', cemented over
Perfs from 10845' - 10860', cemented over
Perfs from 10875' - 10876', cemented over
Perfs from 10840' - 10915'
Cement plug from 10920' - 10937'

Proposed Work

1) MI/RU rig
2) ND x-mas tree & RU DOG Class II 5M BOP's. Test same.
3) Attempt to pull tubing from Baker "D" permanent packer @ 10680'
   a) If successful, clean out well to 10920' (TD) with 2-1/16" Hydril CS tubing (tubing must work through 2.688" ID Baker permanent packer @ 10680'). Spot a balanced plug from TD-10545', with 47 c.f. of Class G neat cement.
   b) If unsuccessful, RU ELU and run free point test. Cut tubing at free point. Contact DOG for cementing approval/instructions.
4) Tag & test TOC. Circulate in 9.8 ppg mud.
5) Shoot 20 holes from 820' - 800' (fresh water base) and squeeze a balanced plug over the interval 820'-700' with 85 c.f. of Class G neat cement.
8) Tag & test TOC. Circulate in 9.8 ppg mud.
9) Shoot 4 holes at 100' and 2 holes at 50'. Squeeze a cement plug from 105'-5' with 61 c.f. of Class G neat cement.
10) Cut casing at 5' below surface and weld a plate over same.
11) RD rig & break up cellar location. Clean cellar location and remove flow lines.

STATE OF CALIFORNIA-RESOURCES AGENCY

GEORGE DEUKMEJIAN, *Governor*

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
6401 TELEPHONE ROAD, SUITE 240
VENTURA, CALIFORNIA 93003-4458
(805) 654-4761

June 8, 1986

C. G. Lyons, Agent
EXXON CORPORATION
P.O. Box D.O.
Ventura, CA 93002

RE: ANNUAL INJECTION SURVEY
CASTAIC JUNCTION FIELD
SEE LIST ATTACHED

Dear Mr. Lyons:

A Condition of the Division of Oil and Gas "Report of Proposed Operations" for the wells listed on the attached sheet, is to conduct an annual injection survey to confirm injected fluid is confined to the approved zone.

As of this date, we have not received a copy of the annual injection survey or any correspondence regarding our letter notifying that the surveys are overdue. Therefore, approval to utilize these wells for injection purposes is rescinded. All lines to the wells shall be disconnected and the wells properly shut-in.

To reactivate these wells for injection purposes, it will be necessary to submit Form OG107 (Notice of Intention to Rework) for each well. Our approval permit will specify requirements to be fulfilled before injection can resume.

Sincerely,

Murray W. Dosch
District Deputy
MS:lr

# HUMBLE OIL & REFINING COMPANY
SOUTHWEST REGION

WELL HISTORY

DIVISION OF OIL AND GAS
RECEIVED
JUN 19 1963
INGLEWOOD, CALIFORNIA

WELL NO. Newhall Land & Farming Co. No. 52 FIELD Castaic Junction COUNTY Los Angeles STATE California SEC. 23 T 4N R 17W

| DATE 1963 | DEPTHS FROM | DEPTHS TO | FORMATION | REMARKS |
|---|---|---|---|---|
| | | | Location: | 1947 feet south and 6534 feet east from corner 11 Rancho San Francisco. |
| | | | Elevation: | 1,129 feet KB. |
| | | | Contractor: | California Production Service. |
| 3/18/63 | | | MIRU. | |
| 3/19 | | | Circulated and killed well with lease salt water. Installed BOE and tested to 1500 pounds for 15 minutes OK. Pulled and measured out tubing and laid down gas valves. Ran Baker full bore cementer with tubing tester. Tested tubing to 6000 psi OK. Set cementer at 10,686 feet. Broke down formation with 5000 pounds rate of 12 cu. ft. per minute. Mixed 50 sacks Class A cement with 12% gel and 0.5% HR7. Squeezed 6 sacks through perforations in 5-1/2-inch casing at 10,785 feet to 10,825 feet. Left 12 sacks cement in casing and reversed out 32 sacks excess cement. Maximum and final pressure 6500 pounds. Cement in place 3:20 a.m. 3/20/63. | |
| 3/20 | | | W.O.C. 21 hours. | |
| 3/21 | | | Found top of cement at 10,687 feet. Cleaned out solid cement to 10,826 fee Pressure tested annulus with 1500 pounds for 30 minutes OK. Drilled out Model "K" retainer at 10,839 feet. Drilled cement and pieces of Model "K" retainer to 10,876 feet. Changed bit and drilled out cement from 10,876 feet to 10,920 feet. | |
| 3/22 | | | Perforated 5-1/2-inch casing with two (2) 1/2-inch holes per foot from 10,840 feet to 10,915 feet using Lane Wells 4-inch OD type "E" gun. Set Baker Model "D" packer at 10,665 feet. Ran 343 joints 2-3/8-inch, 6.5#, J-55 and N-80 tubing as follows: | |

| | Length | Depth |
|---|---|---|
| Baker flow tube | 5.00 | 10,665.44 |
| 3 Baker seals | 3.10 | 10,660.44 |
| Locator sub with latch | 0.51 | 10,657.34 |
| 340 joints 2-3/8", J-55 | 10,559.16 | 10,656.83 |
| 2 joints 2-7/8-inch, N-80 | 61.15 | 97.67 |
| Sub, 2-3/8", N-80 | 4.00 | 32.52 |
| Sub, 2-3/8", N-80 | 31.42 | - - |
| | 10,665.44 | |

Hydrotested tubing with 5000 pounds OK. Landed tubing in Baker Model "D" packer. Left Corexit treated salt water in casing-tubing annulus. Tested packer and casing with 1000 pounds 15 minutes OK. FRR.

DIVISION OF OIL AND GAS
RECEIVED
JUN 19 1963
INGLEWOOD, CALIFORNIA

W. B. Quesenbury

W B Quesenbury

District Superintendent

FORM 111

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS No. P 163-579

## WATER FLOOD

ZONE 15

Mr. W. B. Quesenbury
P. O. Box 7033
Long Beach, California
Agent for HUMBLE OIL & REFINING COMPANY

Inglewood, Calif. 90302
May 24, 1963

DEAR SIR:

Your proposal to convert to water flood Well No. "Newhall Land & Farming Co" 52, Section 23, T. 4 N., R. 17 W., S.B.B. & M., Castaic Junction Field, Los Angeles County, dated May 16, 1963, received May 22, 1963, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

Complete casing record:
10-3/4" cem. 815'; 5-1/2" cem. 10,925', c.p. 10,645'-10,660' and 10,875', perf. 10,750', W.S.O. perf. 10,785'-10,825', 10,825'-10,835' cem. off, and 10,845'-10,860' cem. off. T.D. 10,937'. Cement plug 10,925'-10,826'.

THE NOTICE STATES:
"The present condition of the well is as follows:
1. Total depth.

2. Complete casing record.
10-3/4", 40.5#, J-55, ST&C cemented at 815'
5-1/2", 17# and 20#, J-55 and N-80 cemented at 10,925'.
perforations 10,785' to 10,825'

3. Last produced

| (Date) | (Net Oil) | (Gravity) | (Cut) |
|---|---|---|---|
| January 1962 | 18 | 22.6 | 0.0 |

PROPOSAL:
"The proposed work is as follows:
1. Circulate well with field salt water.
2. Squeeze cement existing perforations.
3. Perforate from 10,840 to 10,915 feet with two bullets per foot.
4. Set permanent packer above zone and complete to water injection into Zone 15."

DECISION:
THE PROPOSAL IS APPROVED PROVIDED THAT
1. The injection of water into this well shall be in accordance with the general plan for this zone outlined in your letter dated November 26, 1957, concerning well No. "Newhall Land & Farming Co." 15, Sec. 24, T. 4 N., R. 17 W., S.B.B.&M., Castaic Junction field.
2. Injection shall cease if any evidence of damage or failure of water shut-off is observed, or upon written notice from this Division.
3. A monthly statement shall be filed with this Division on our Form 110-B showing the amount of fluid injected, pressure required, and source of injected water.
4. An analysis of the fluid to be injected shall be submitted upon request.

NOTES:
1. The base of the fresh water bearing strata is at 2200'. The fresh water reservoir is adequately protected by surface casing cemented at 815', by 5-1/2" casing cemented from 10,925' to 9560' and recemented through perforations from 10,645' to 10,660', and by tubing and packer to be set immediately above the zone of injection.
2. The water to be injected has a chloride ion content between 7450 and 13,850 ppm. and consists of commingled waste water from Zone 10 and Zone 15.

H/5

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By (CONTINUED ON PAGE 2), Deputy

79186 1-63 50M SPO

FORM 107.

DIVISION OF OIL AND GAS
RECEIVED
MAY 22 1963
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Long Beach Calif. May 16, 1963

SH4-S121
NE6

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Newhall Land and Farming Company No. 52 (Cross out unnecessary words), Sec. 23, T. 4N, R. 17W, S.B. B. & M. Castaic Junction Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.

2. Complete casing record.
   10-3/4", 40.5#, J-55, ST&C cemented at 815'
   5-1/2", 17# and 20#, J-55 and N-80 cemented at 10,925'.
   perforations 10,785' to 10,825'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | [illegible] | | |

3. Last produced. January 1962 (Date) ~~Semi-production reports~~ ~~Water injection well~~ 18 (Net Oil) 22.6 (Gravity) 0.0 (Cut)

The proposed work is as follows:
1. Circulate well with field salt water.
2. Squeeze cement existing perforations.
3. Perforate from 10,840 to 10,915 feet with two bullets per foot.
4. Set permanent packer above zone and complete to water injection into Zone 15.

HUMBLE OIL & REFINING COMPANY
(Name of Operator)

By W B Quesenberry

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 163-579



HUMBLE OIL & REFINING Company

Well No. "Newhall Land & Farming Co." 52, Section 23, T. 4 N., R. 17 W., S. B. B. & M.,

3. The fluid in the injection zone contains a mixture of oil and salt water.
4. Surface location of well: 1947' S., 6534' E. from Corner No. 11, Rancho San Francisco, Los Angeles County.

JLZ:es

Orig - Company, Los Angeles
cc - Regional Water Pollution Control Board
- Dept. of Water Resources
- Company, Long Beach (2)
- Newhall Land and Farming Co
- Mr. J. W. Henderson

BLANKET BOND.

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By [signature], Deputy

FORM 111X
56220 1-62 3,500 SPO

Form 100.

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator Humble Oil & Refining Company

Field Castaic Junction

Well No. Newhall Land & Farming Co. #52

Sec. 23, T. 4-N, R. 17-W, S.B. B.&M.
Elevation above sea level 1117 feet.
All depth measurements taken from top of Rotary Drive Bushing, which is 12.38 feet above ground.

Location 1947' South and 6534' East from Corner 11, Rancho San Francisco, Los Angeles County, California

Date February 15, 1956

Signed James E. Cox
James E. Cox

Geologist Rex M. Smith

Title District Superintendent (Agent)

Commenced drilling 10-30-55 Completed drilling 1-19-56 Drilling tools- Rotary

Total depth 10937 Plugged depth 10826

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top of Miocene (E. Log) | 8200' |

Junk None

Commenced producing 1-24-56 Gas Lift

| | Clean Oil Bbl/Day | Gravity | % Water | Gas Mcf/Day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 83 | 28.4 | 11 | 80 | 400 | Packer |

### CASING RECORD

| Size of Casing | Depth Shoe | Top Csg | Weight | New Used | Seamless Lapweld | Grade | Size of Hole | Sacks Cemt. | Depth Perfs. |
|---|---|---|---|---|---|---|---|---|---|
| 10-3/4" | 815 | 17 | 40.5# | New | SS | J-55 | 16" | 500 | - |
| 5-1/2" | 10925 | 15 | 15.5, 17 & 20# | New | SS | J-55 & N-80 | 9-7/8" | 400 | - |

### PERFORATIONS

| Size of Casing | Feet From | Feet To | Size of Perforations | No. Rows | Distance Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2 | 10749 | 10750 WSO | 4 - 1/2" Holes | - | - | Bullet |
| 5-1/2 | 10645 | 10660 OP | 90 - 1/2" Holes | - | - | Bullet |
| 5-1/2 | 10845 | 10860 cem. off. | 90 - 1/2" Holes | - | - | Bullet |
| 5-1/2 | 10835 | 10785 cem. off. | 300 - 1/2" Holes | - | - | Bullet |
| 5-1/2 | 10875 | 10876 OP | 6 - 1/2" Holes | - | - | Bullet |
| 5-1/2 | 10845 | 10860 [illegible] | 90 - 1/2" Holes | - | - | Bullet |
| 5-1/2 | 10785 | 10825 [illegible] | 240 - 1/2" Holes | - | - | Bullet |

Electrical Log Depths 10937 (Attach Copy of Log)

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Los Angeles California

April 9 1956

MR. J E Cox Agent
Humble Oil & Refining Co
613 San Fernando Road
Newhall California

Dear Sir

Your report of abandonment of Well No. "Newhall Land & Farming Co." 54, Sec. 23, T. 4 N, R. 17 W, S B B. & M., Castaic Junction field, Los Angeles County, dated April 2, 1956, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A N.W. cor of Sec. 23 | ✓ | | Blanket | | |

Orig - Company, L.A.
cc - Mr E H Musser
Company, Newhall (2)
Newhall Land & Farming Co
Conservation Committee
Mr L A Dutton
Fire Prevention Bureau
es

E. H. MUSSER
*State Oil and Gas Supervisor*

By R. N. Walling
*Deputy Supervisor*

17601 5-55 11,200 SPC

NAME CHANGE: FROM: HUMBLE OIL & REFINING COMPANY

TO: EXXON CORPORATION 1/1/73

Form 100.

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

Operator Humble Oil & Refining Company

Field Castaic Junction Proj.

Well No. "Newhall Land & Farming Co." #54

Sec. 23, T. 4-N, R. 17-W, S.B. B.&M.

Elevation above sea level 929 feet.

Location 969' South and 3727' East from Corner 11, Rancho San Francisco, Los Angeles County.

All depth measurements taken from top of Rotary Drive Bushing, which is 12.70 feet above ground.

Date April 2, 1956

Signed S. D. McCarty

Geologist Roy M. Smith

Title District Superintendent (Agent)

Commenced drilling 12-19-55 Completed drilling 2-29-56 Drilling tools-Rotary

Total depth 12077 Plugged depth --

Junk None

Commenced producing - Dry Hole

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top of Miocene (E. Log) | 7600' |

Initial Production - None

CASING RECORD

| Size of Casing | Depth of Shoe | Top Csg | Weight | New Used | Seamless Lapweld | Grade | Size Hole | Sacks Cemt. | Depth Perfs. |
|---|---|---|---|---|---|---|---|---|---|
| 10-3/4 | 831' | 17 | 40.5 | New | SS | J-55 | 16" | 500 | - |

PERFORATIONS

None

Electrical Log Depths 10648, 10941, 11960, 12062, 12077'.

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

037-16517

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

4

DIVISION OF OIL AND GAS
RECEIVED
DEC 2 1955
LOS ANGELES, CALIFORNIA

D

Los Angeles Calif. December 1, 1955

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Newhall Land & Farming Proj. Co[redacted] (No.)" 54, Sec. 23, T. 4-N, RY

R. 17-W, S.B.B. & M., Castaic Junction Field, Los Angeles County.

Legal description of mineral right lease, consisting of 3096.7 acres, is as follows: (Attach map or plat to scale)

See attached Plat

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 969 feet South (Direction) [redacted] and 3727 feet East (Direction)

[redacted] from corner [redacted] 11

Rancho San Francisco, Los Angeles County, California

Elevation of ground above sea level ____ feet To be submitted later datum.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 12 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 10-3/4 | 40.5 | J-55 | 0 | 800 | Cemented to surface |
| 5-1/2 | 15.5, 17 & 20 | J-55 & N-80 | 0 | 12,000 | Cemented 1000' above shoe |
| | | | | | |

Intended zone or zones of completion: Zone 21 (Name) 11,550 - 11,750 (Depth, top and bottom)

Estimated total depth 12,000

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A RY | MO | ls | Blanket | ls | ls |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 612 South Flower Street

Humble Oil & Refining Company (Name of Operator)

Telephone Number MAdison 6-7701

By [signature]

Type of Organization (Corporation, [redacted]

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-16520

## Notice of Intention to Drill New Well

7

D

This notice and surety bond must be filed before drilling begins

Los Angeles Calif. August 2, 1956

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. ~~Company~~ "Newhall Land & Farming Proj" (No.) 57, Sec. 23, T. 4 N, R. 17 W, S.B. B. & M., Castaic Junction Field, Los Angeles County.

Legal description of mineral right lease, consisting of 3096.7 acres, is as follows: (Attach map or plat to scale)

See Attached Plat

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1939 feet South (Direction) along section line and 5826 feet East (Direction) at right angles to said line from the ____ corner ~~of section~~ 11, Rancho San Francisco. Directional hole - True vertical depth of 10,720 feet located at a distance of 922 feet in a direction north 11 degrees 18 minutes east from the surface location.

Elevation of ground above sea level ____ feet To be submitted later datum.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 12 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 10-3/4 | 40.5 | J-55 | 0 | 800 | Cemented To The Surface |
| 5-1/2 | 15.5; 17 & 20 | J-55 & N-80 | 0 | 11,000 | Cemented 600' above Shoe |
| | | | | | |

Intended zone or zones of completion: Zone 15 (Name) 10,600' to 10,680' (Depth, top and bottom)

Estimated total depth 11,000

| MAP | MAP BOOK | | FORMS 114 | 121 |
|---|---|---|---|---|
| 18A | Ry | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 612 South Flower Street

Telephone Number MAdison 6-7701

Humble Oil & Refining Company (Name of Operator)

By R. P. Price

Type of Organization (Corporation, Partnership, Individual, etc.)

FORM 111

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 156-1133

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING CO

Los Angeles 15 Calif.
August 7 1956

DEAR SIR:

Your proposal to drill Well No. 57 "Newhall Land & Farming Co.",

Proj. Section 23, T. 4 N, R. 17 W, S B B. & M., Castaic Junction Field, Los Angeles County,

dated Aug. 2, 1956, received Aug. 3, 1956, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"Legal description of mineral right lease, consisting of 3096.7 acres, is as follows: See Attached Plat

Do mineral and surface leases coincide? Yes X No

Location of Well: 1939 feet South along section line and 5826 feet East at right angles t said line from the corner 11, Rancho San Francisco. Directional hole - True vertical dept 10,720 feet located at a distance of 922 feet in a direction north 11 degrees 18 minute from the surface location.

Elevation of ground above sea level To be submitted later

All depth measurements taken from top of Kelly Bushing which is 12 feet above ground."

PROPOSAL

"PROPOSED CASING PROGRAM

Size of Casing

| Inches A.P.I. | Weight | Grade and Type | Top | Bottom | Cementing Depths |
|---|---|---|---|---|---|
| 10-3/4 | 40.5 | J-55 | 0 | 800 | Cemented to the surfa |
| | 15.5; | | | | |
| 5-1/2 | 17 & 20 | J-55 & N-80 | 0 | 11,000 | Cemented 600' above S |

Intended zone or zones of completion: Zone 15 (Name) 10,600' to 10,680' (Depth, top and bottom)

Estimated total depth 11,000

It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pip
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 2000'.
   (b) To witness a test of the effectiveness of the 5-1/2" shut-off.

14/L

FEK:OH

cc Company, Newhall (2)
Newhall Land & Farming Co
Orig Company, Los Angeles
Blanket bond.

E. H. MUSSER, State Oil and Gas Supervisor

By R. N. Nelly, Deputy

25463 10-55 60M SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 156-1334

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING COMPANY

Los Angles 15 Calif.
September 5, 19 56

DEAR SIR: "Newhall Land & Farming Co."

Operations at your well No. 57 Sec. 23, T. 4 N., R. 17 W., S. B. B. & M., Castaic Junction Field, in Los Angeles County, were witnessed on August 23, 19 56 Mr. A. Hluza, Engineer, representative of the supervisor was present from 4:00 to 4:30 p.m. There were also present G. Micheli, Driller
E. Flint, Derrickman

Present condition of well: 10-3/4" cem. 820'; T.D. 6800'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Micheli reported:

1. A 16" rotary hole was drilled from surface to 820', and a 11" rotary hole 820' to 866'.
2. On August 17, 1956, 10-3/4", 40.5 lb. casing was cemented at 820' with 450 sacks of cement.
3. Cement returned to the surface.
4. A 9-7/8" rotary hole was drilled from 866' to6800'.

THE ENGINEER NOTED THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. A G. K. Hydril blowout preventer for closing around the 4-1/2" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 10-3/4" casing below the above equipment.
5. A high pressure stopcock on the kelly.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

AH:ys

cc Company, Newhall (2)
Newhall Land & Farming Co

Orig Company, Los Angeles

L/G

E. H. MUSSER
State Oil and Gas Supervisor

By R. W. Walling Deputy
RK

5440 9-54 17,850 ② SPO

FORM 108. 95391 3-54 23,800 ④ SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
OCT 11 1956
LOS ANGELES, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Newhall, Calif. October 9, 1956

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. "Newhall Land & Farming Co." (#57 Proj. Sec. 23, T. 4-N, R. 17-W, S.B. B. & M., Castaic Junction Field, Los Angeles County, commencing work on October 9, 1956.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 11,240 (9-7/8" hole to 10,495 and 8-3/4" hole to 11,240')
2. Complete casing record, including plugs:

803.41' 10-3/4" 40.50# J-55 casing set at 820.41'.

3. Last Produced Dry Hole
(Date) (Oil, B/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

No commercial oil and gas shows. Schlumberger wire line formation test indicated 100% water - 1,000 ppm at 10,884'.

5. Stratigraphic markers and depths:

Approx. top of Zone 15 - 10,880'.

6. Geologic age at bottom: Miocene-Mohnian
7. Base of fresh water sands: 3300

THE PROPOSED WORK IS

Place cement plug #1 from 11,000 to 10,800' using 100 sx cement.
Place cement plug #2 from 3,400 to 3,200' using 125 sx of cement.
Place cement plug #3 from 920 to 700' using 125 sx of cement.
Place cement plug #4 from 25 to 5' using 10 sx of cement.

10-3/4" casing will be cut off 5' below ground level and 1/2" steel plate welded on top of casing.

D.O.G. will be notified to witness the location and hardness of plug #2, and the placing of plug #4.

Plug #3 will be checked for location and hardness in 10-3/4" casing.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | mw | Blanket | mw | mw |

612 So. Flower St., Los Angeles 17, California
(Address)

MAdison 6-7701
(Telephone No.)

HUMBLE OIL & REFINING COMPANY
(Name of Operator)

By James E. Cox
James E. Cox - Dist. Supt.

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Los Angeles, California

February 21 1957

Mr. J E Cox
613 San Fernando Road
Newhall California
Agent for HUMBLE OIL & REFINING CO

DEAR SIR:

Your report of abandonment of Well No. "Newhall Land & Farming Co." 57, Sec. 23, T. 4 N, R. 17 W, S B B. & M., Castaic Junction field, Los Angeles County, dated October 25, 1956, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| Cey 1814 2/28 | vmd 2/28 | | Blanket | | |

E. H. MUSSER
*State Oil and Gas Supervisor*

By R. N. Walling
*Deputy Supervisor*

cc Mr E H Musser
Humble Oil & Refining Co - Newhall (2)
Newhall Land & Farming Co
Conservation Committee
Mr L A Dutton
Fire Prevention Bureau

cs

36120 5-56 6M SPO

Form 100.

DIVISION OF OIL AND GAS
RECEIVED
NOV 15 1956
LOS ANGELES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator Humble Oil & Refg. Co. Well No. "Newhall Land & Farming Company" 57

Sec. 23, T.-4-N, R.-17-W, S.B. B.&M. Castaic Junction Field Los Angeles County

Location 1939' S along Sec. line and 5826' E at right angles to said line from Cor. 11, Rancho San Francisco. Elevation of ground above sea level 1116 feet.

All depth measurements taken from top of Rotary Drive Bushing which is 12.78 feet above ground.

Date October 25, 1956

Rex M. Smith
Geologist

Signed James E. Cox
James E. Cox

Title District Superintendent

Commenced drilling 8-13-56

Completed drilling 10-11-56

Total depth 11,240' Plugged depth 5'

Junk - None

Commenced producing - Dry Hole

Initial production - None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top of Miocene | 8400' |

### CASING RECORD

| Size of Casing | Depth Shoe | Top Csg | Weight | New Used | Seamless Lapweld | Grade | Size Hole | Sax Cemt. | Depth Perf. |
|---|---|---|---|---|---|---|---|---|---|
| 10-3/4" | 820 | 17 | 40.5# | New | SS | H-40&J-55 | 16 | 450 | - |

PERFORATED CASING - None

Electrical Log Depths 10889' & 11,240' (Attach Copy of Log)

RESOURCES AGENCY OF CALIFORNI
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, California
November 30, 1990

L. R. Howard, Agent
EXXON Corp.
P.O. Box 5025
Thousand Oaks, CA. 91359

Your report of abandonment of well "Newhall Land & Farming Co." 78, A.P.I. No. 037-22728, Section 23, T. 4N, R. 17W, SB B.&M., Castaic Junction field, Los Angeles County, dated 11-27-90, received 11-29-90, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | SUP | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|---|
| Map 253 | BH 12/3/90 | — | BB | ✓ | — | ✓ |

cc: Conservation Committee
Update
bb

M.G. MEFFERD, State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear, Deputy Supervisor

OG159

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

ORIGINAL
DIVISION OF OIL AND GAS
RECEIVED
NOV 29 1990
VENTURA, CALIFORNIA

## History of Oil or Gas Well

Operator Exxon Company, U. S. A. Field Castaic County Ventura
Well Newhall Land and Farming # 78, Sec. 23, T 4N, R 17W, S.B. B. & M.
A.P.I. No. 037-22728 Name Scott S. King (Person submitting report) Title Supervisor (President, Secretary or Agent)
Date 11/27, 1990

Signature JRS SSKing

P. O. Box 5025, Thousand Oaks, CA 91359 (Address) 805-494-2283 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

10/10/90 Moved in and rigged up. Installed guylines. Removed wellhead. Rigged up working floor in cellar. Removed flange. Installed Class II BOP and function tested, OK. Closed in well.

10/11/90 Opened well. Rigged up working floor and tubing equipment. Unlanded tubing and worked packer loose. Circulated well for 3 hours. Killed well with 150 bbls of lease water. POOH with 120' of 2-7/8" tubing. Closed in well.

10/12/90 Opened well, no pressure. Continued pulling out of hole measuring 2-7/8" tubing and 7-7/8" loc-set packer. POOH and laid down mandrells. Made up 2-7/8" STC. RIH and tagged fill at 10,945'. Pulled up to 10,918'. Circulated well with clean lease water. Rigged up BJ and tested lines to 200 psi and 2000 psi, OK. Pumped 56 $ft^3$ of water ahead. Mixed and pumped 90 $ft^3$ of Class G cement with 0.5% retarder. Pumped 9 $ft^3$ of fresh water behind. Displace with 332 $ft^3$ of lease water. Pulled up 18 joints to 10,332'. Circulated out 65 bbls of cement. Pulled up 20 joints to 9712'. Closed in well.

10/13/90
through
10/14/90 No well work.

10/15/90 Opened well. RIH and tagged plug at 10,553'. Pumped 48 bbls of 9.8 ppg mud down tubing. Displaced with 53 bbls of lease water. POOH and laid

down 51 joints of 2-7/8" tubing. Circulated well. Rigged up BJ and tested lines to 200 psi and 2000 psi. Pumped 15 bbls of fresh water ahead. Mixed and pumped 25 $ft^3$ of Class G cement with 0.3% retarder. Pumped 9 $ft^3$ of fresh water behind. Displaced with 292 $ft^3$ of lease water. Pulled up 5 joints. Reversed 60 bbls of lease water. Pulled up 10 joints. Closed in well.

10/16/90 Opened well. RIH with 2-7/8" tubing and tagged plug at 9296'. Changed well over to mud, using 373 bbls of 9.8 ppg mud. POOH and laid down 274 joints of 2-7/8" tubing. Rigged up Tiger wireline. Filled hole with mud. Opened hole and bled down 10-3/4" and 13-3/8" casings. Rigged up lubricator. RIH with cavity shot at 900'. POOH. RIH with 2-7/8" tubing to 925'. Rigged up BJ and tested lines, OK. Circulated down 2-7/8" tubing and up 7", 10-3/4" and 13-3/4" casings, OK. Pumped 30 $ft^3$ of fresh water ahead. Mixed and pumped 133 $ft^3$ (116 sacks) of Class G cement with 3% $CaCl_2$. Displaced with 19 $ft^3$ of fresh water. POOH with 925' of 2-7/8" tubing. Rigged up BJ on 2-7/8" pump joint. Pumped 10 $ft^3$ of lease water down 7" casing and up 13-3/8" casing. Closed in well.

10/17/90 Opened well. RIH and tagged plug at 644'. Circulated 9.8 ppg mud in hole. POOH and laid down 30 joints of 2-7/8" tubing. Filled hole. Rigged up Tiger wireline. RIH to 100'. RIH with 3 joints of 2-7/8" tubing open ended to 93'. Rigged up BJ. Unable to pump cement around 13-3/4" casing. No returns, pressure up. Opened 10-3/4" casing and circulated cement to surface. Opened 7" casing and circulated cement to surface, using 50 $ft^3$ (45 sacks) of Class G cement with 3% $CaCl_2$. Rigged out BJ. POOH and laid down 3 joints of 2-7/8" tubing. Removed working floor and BOP. Cleaned location. Rigged down and moved off.

NOTE: S. Mulqueen of Division of Oil and Gas witnessed cement plug at 644', placing of cement in 7" and 10-3/4" casings at 100' and cavity shot at 100'.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No.T290- 312

# REPORT ON OPERATIONS

L.R. Howard, Agent
EXXON Corp.
P.O. Box 5025
Thousand Oaks, CA. 91359

Ventura, California
October 26, 1990

Your operations at well "Newhall Land & Farming Co." 78, API No. 037-22728, Sec. 23, T. 4N, R. 17W, S.B.B.&M. Castaic Junction Field, in Los Angeles County, were witnessed on 10/17/90. Steve Mulqueen, representative of the supervisor, was present from 0900 to 1100. There were also present Chris Ballard.

Present condition of well: 30" cem 49'; 20" cem 844'; 13 3/8" cem 4998'; 10 3/4" cem 14008'; 7 5/8" cem 16720', cp 100', perfs @ int 10660'-10710' & 13045'-15022', cav shot 900', 5" cem 16038'-18856', perfs 17989'-18567' & 18717'-18776'. Junk below 12950'. TD (present hole) 18856'. Bp 10950'. Plugged w/cem 18690'-17550', 15022'-14710', 14545'-13460', 10918'-10553', 9399'-9296', 925'-644' & plugged w/cem 90'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

ljg SURFACE INSPECTION OK 11-7-90 S.MULQUEEN

M.G. MEHRDEN, State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 12 1990
VENTURA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Newhall Land & Farming #78, API No. 037-22728, Sec. 23, T. 4N, R. 17W, S.B. B. & M., Castaic Junction Field, Los Angeles County.

commencing work on _____, 19____

The present condition of the well is:

1. Total depth: see attached

2. Complete casing record, including plugs and perforations:

see attached

3. Last produced 12/27/84 (Date) Ø (Oil, B/D) Ø (Gas, Mcf/D) 60 (Water, B/D)

or

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 900'

The proposed work is as follows:

see attached

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 225 W. Hillcrest Dr. (Street)
Thousand Oaks, CA 91360 (City) (State) (Zip)
Telephone Number (805) 494-2145 (Area Code) (Number)

Exxon Company, U.S.A. (Name of Operator)
By [signature] (Signature) 9/7/90 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (8-75—CSR)—15M)

**Total Depth:** 18856'

**Casing Record:**

49', 30", 310#, cmt shoe to surface
844', 20", 106#, cmt w/1940 c.f. (shoe to surface)
4998', 13-3/8", 72#, cmt w/4991 c.f. (shoe to surface)
14008', 10-3/4", 51#, 55.5#, 60.7#, cmt w/1842 sks (shoe to 6800')
16720', 7-5/8", 45.3#, cmt w/954 sks (shoe to 9000')
16038'-18856', 5" liner, 23.2#, cmt w/560 sks
<u>In 5" liner</u>: Perfs from 17989'-18567', 18717'-18776'; Cmt plug from 17550'-18690'
<u>In 7-3/8" liner</u>: Perfs from 10660'-10710', 13045'-13399', 13461'-13708', 13917'-14003', 14005'-14240'14305'-14545', 14880'-15022'; Cmt plugs from 13460'-14005', 14005'-14545', 14710'-15022'; Pipe stuck in cmt at 12950'; Drillable bridge plug @ 10950'

**Proposed Work:**

1) MI & RU rig
2) ND x-mas tree & RU DOG CLass II 5M BOP's. Test same
3) Attempt to pull tubing and packer
   a) If successful, clean out well to 10950'. Cement plug 9287'-10950' using Class G neat cement.
   b) If unsuccessful, RU ELU and run free point test. Cut tubing at free point. Cement plug 100' above free point or to 9287', whichever is the highest, using Class G neat cement.
4) Tag & test top of cement plug
5) Circulate 9.8 ppg mud into the well
6) Shoot a cavity shot at 900' (fresh water base)
7) Cement the interval 800'-950' with 120 c.f. of Class G neat cement.
8) Tag & test top of cement plug
9) Circulate 9.8 ppg mud into the well
10) Shoot 4 holes at 100'. Spot a cement plug from 5' to 105' using Class G neat cement.
11) Cut casing at 5' and weld a plate over same
12) RD rig & break up cellar location
13) Clean cellar location

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-22728

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: Exxon Company U.S.A. | Well: Newhall Land & Farming Co. #78 |
| Field: Castaic Junction | County: Los Angeles; Sec. 23; T. 4N; R. 17W; B.&M. S.B. |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 3700' South along section line & 90' West at right angles to said line from N.E. corner of section 23 | Elevation of ground above sea level: 1150' |

Commenced drilling (date): 12/27/82

Completed drilling (date): 1/5/84

Commenced producing (date):

☐ Flowing ☐ Pumping
☐ Gas lift

Name of producing zone(s): Never produced commercially

Total depth: (1st hole) 18856' (2nd) (3rd)

Present effective depth: 10950'

Junk:

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| 15 Zone | 11500 |
| 21 Zone | 12350 |

Formation and age at total depth: Modelo FM., Miocene

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | | | | | | |
| Production After 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 30" | 0' | 49' | | | | | | |
| 20" | 0' | 844' | 106 | K-55 | New | 26" | 1940 ft3 | Shoe to surf |
| 13-3/8" | 0' | 4998' | 72 | L-80 | New | 17-1/2" | 4991 ft3 | Shoe to surf |
| 10-3/4" | 0' | 14008' | 60.7/ SS/51.0 | P-110 | New | 12-1/4" | 396 sks | Shoe to 9000 |
| 7-5/8" | 0' | 16720' | 45/47 | P-110 | New | 9-1/2" | 954 sks | 9000' |
| 5" | 16038' | 18356' | 23.2 | P-110 | New | 6-1/4" | 560 sks | 16038' |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

In 5" Liner: 18776'-18717' and 18567'-17989'; CMT Plug from 17550' to 18690'
In 7-5/8" Liner: Perfs at: 15022'-14880',14545'-14305',14240'-14005',14003'-13917',13708'-13461
13399'-13045',10660'-10710'; CMT Plugs from:14005'-14545',14710'-15022',13460'-14005' See Back:

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

Electrical log depths: BTM 15257 TOP 13999, BTM 14183 TOP 13712

Other surveys

DIVISION OF OIL AND GAS
RECEIVED
OCT 5 1987
VENTURA, CALIFORNIA

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | |
|---|---|
| Name: J. M. Schweizer | Title: Division Staff Engineer |
| Address: P.O. Box 5025 | City: Thousand Oaks; Zip Code: 91359 |
| Telephone Number: (805) 494-2357 | Signature: JMS; Date: 10.2.87 |

OG100 (6/81/GSR1/5M)

SUBMIT IN DUPLICATE

DO

037-22728

# CORE FRACTURE STUDY
# OF NEWHALL LAND AND FARM NO. 78 WELL
# CASTAIC JUNCTION FIELD
# LOS ANGELES COUNTY, CALIFORNIA

Prepared For

EXXON COMPANY, U.S.A.

November 1983

DIVISION OF OIL AND GAS
RECEIVED
NOV 14 1983
LONG BEACH, CALIFORNIA

Engineering & Consulting Department
CORE LABORATORIES, INC.
Dallas, Texas

7600 CARPENTER FREEWAY, BOX 47547, DALLAS, TX 75247, USA · 214/631-8270 · CABLE: CORELAB DALLAS · TELEX: 910-861-9000

**CORE LABORATORIES, INC.**
ENGINEERING AND CONSULTING DEPARTMENT

Vice Presidents
C. E. Thomas W. P. Schultz
General Managers
Glenn H. Jones, Jr. J. B. Padgett

November 4, 1983

1022.18

Exxon Company, U.S.A.
P. O. Box 120
Denver, Colorado 80201

Attention: Mr. Bruce Heise

Gentlemen:

Presented in this report are the results of a fracture study of 10 feet of core recovered from Core 1. The cores studied were taken from the Newhall Land and Farm Well 78; which is located in the Castaic Junction field, Los Angeles County, California.

The core was recovered between the depths of 17,933 to 17,943 feet. Fractures induced by the coring process were identified and eliminated from consideration. A total of 60 fractures were noted; of these, 25 were measurable fractures. A glossary of the terms used in this report follows this letter.

The core was described as light-to-dark gray, very fine-to-medium grained sandstone with shale laminations. Slickensides were noted throughout the core, and the plunge angle and azimuth of the striations were measured. A core fracture log, Fig. 1, shows the distribution of lithology, fracture density, fractures with slickensides, plus the core-analysis-measured porosity and permeability values. Two rubble zones were also noted in the core, and are identified on the log.

Bedding was apparent in the core and was used in conjunction with the dipmeter interpretation supplied by Schlumberger to orient the core.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
1983
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator Exxon Company, U.S.A. Field Castaic Junction County Los Angeles
Well NL&F 78, Sec. 23, T 4N, R 17W S.B. B. & M.
A.P.I. No. 037-22728 Name D. E. Young (Person submitting report) Title R&R Actg Sect Head (President, Secretary or Agent)
Date May 20, 1983

Signature D E Young

P. O. Box 5025, Thousand Oaks, CA 91359 (Address) (805) 494-2100 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 5/13/83 | Drilled to 14,798', unable to go back to bottom after making connection. Attempted to survey without kelly and pump, could not move pipe. PU kelly, work pipe, pipe free, circulate and weight up, brake band broke. Rotate pipe on slips while repairing brake band. TOOH for Stratapax bit, WIH and hit fill at 14,490', 308' off bottom. |
| 5/14/83 | Reamed and washed to TD, drilling, Stratapax bit torquing up, circulate, TOOH for new bit, RIH. |
| 5/15/83 | Finished RIH, washed and reamed to bottom, drilling. |
| 5/16/83 | Drilling, circulate, survey, circulate, POOH. Test BOPE. Change out brake band, RIH. |
| 5/17/83 | Finished RIH, reamed last 140' for safety. Drill, shut down for mud pump repairs. Drill to 15,286'. |
| 5/18/83 | Drill to 15,362'. 5000u connection gas at 15,345'. Check for flow. No flow. Drill to 15,380' while raising mud weight. Circulate and condition while raising mud weight to 12.0 ppg. Drill to 15,462'. |
| 5/19/83 | Drilled to 15,472', survey at 15,392'. Circulate and condition mud to 12.2 ppg. R/T for bit #37, washed and reamed from 15,412-15,472'. Drilling to 15,517'. |

JMB:jg

ILWELL RESEARCH

May 20, 1983

Laboratory No.: Sm 931

EXXON COMPANY USA
P O Box 120
Denver, CO 80201

Received: 5-10-83

Marked: NL&F #78
#43 @ 0110
5-8-83

Attention: Mr. Bruce Heise

## REPORT OF GEOCHEMICAL ANALYSIS

| Analyzed for: | Milligrams Per Liter | Grains Per U.S. Gallon | Reacting Value | Percent |
|---|---|---|---|---|
| Sodium | 4,900 | 290 | 214 | 45.47 |
| Potassium | 120 | 7 | 3.09 | 0.66 |
| Ammonium | 55 | 3.2 | 3.05 | 0.65 |
| Calcium | 290 | 17 | 14.5 | 3.07 |
| Magnesium | 8.5 | 0.5 | 0.70 | 0.15 |
| Barium | 1.5 | 0.09 | 0.02 | 0.00 |
| Iron | 6.6 | 0.39 | - | - |
| Sulfate | 1,100 | 64 | 22.5 | 4.78 |
| Chloride | 4,900 | 290 | 139 | 29.54 |
| Iodide | 21 | 1.2 | 0.17 | 0.04 |
| Borate | 230 | 13 | 2.96 | 0.63 |
| Hydroxide | 0 | 0 | 0 | 0.00 |
| Carbonate | 0 | 0 | 0 | 0.00 |
| Bicarbonate | 2,600 | 150 | 43.2 | 9.18 |
| Organic Acids ** | 1,700 | 100 | - | - |
| Silica | 130 | 7.6 | - | - |
| Excess Ionic Strength as: | Cations | | 27.5 | 5.84 |

| | |
|---|---|
| Total Solids | 16,063 |
| Salinity as NaCl | 8,100 |
| Hardness as $CaCO_3$ | 760 |

| | | |
|---|---|---|
| Specific Gravity | 1.014 | @ 60°F |
| Resistivity | 0.53 | ohm m @ 75°F |
| pH Value | 7.3 | |

| GROUPS | | | CHEMICAL CHARACTER | |
|---|---|---|---|---|
| Alkalies | 46.77 | % | Primary Salinity | 80.39 |
| Earths | 3.23 | % | Secondary Salinity | 0.00 |
| Strong Acids | 40.19 | % | Primary Alkalinity | 13.16 |
| Weak Acids | 9.81 | % | Secondary Alkalinity | 6.46 |

*Indicates Less Than
**Calculated as acetic acid

COASTAL DIVISION

OILWELL RESEARCH, IN
COASTAL DIVISION
543-H WEST BETTERAVIA ROAD
SANTA MARIA, CA 93455

# GAS ANALYSIS BY CHROMATOGRAPH

EXXON COMPANY USA — Lab. No. 504

Sample Description: NF & L #78 SAMPLE #5 TEMPERATURE = 86F PRESSURE = 90#

Date 5-8-83 @ 1630 — Area or/ Plant No. Castaic — Meter No. or Sample No.

ANALYSIS REPORT — ROYALTY GAS ☐ — OTHER GAS ☒ — LPG ☐ — GASOLINE

| COMPONENT GAS | MOL % | | G/MCF | | LIQUID VOLUME % |
|---|---|---|---|---|---|
| 0 AIR | | | | | |
| 1 OXYGEN | 4.06 | | | | |
| 2 NITROGEN | 16.05 | | | | |
| 3 CARBON DIOXIDE | 0.41 | | | | |
| 4 HYDROGEN | - | | | | |
| 5 METHANE | 69.40 | | | | |
| 6 ETHANE | 2.29 | | | | |
| 7 PROPANE | 3.36 | | .93 | | |
| 8 iso-BUTANE | 0.89 | + 4.43 | .29 | + 1.63 | + |
| 9 n-BUTANE | 1.24 | | .39 | | |
| 10 iso-PENTANE | 0.67 | + 2.30 | | + .95 | + |
| 11 n-PENTANE | 0.40 | | | | |
| 12 HEXANE | 0.35 | + | | + | |
| 13 HEPTANE | 0.56 | + | | + | |
| 14 OCTANE | 0.24 | + | | + | |
| 15 NONANE | 0.08 | | | | |
| 16 DECANE | Trace | | | | |
| | | | | | |
| | 100.00 | | | | |

| HYDROGEN SULFIDE ppm | SP GR .778 | BTU 1008 |
|---|---|---|

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

**DIVISION OF OIL AND GAS**

# Notice of Intention to Rework Well

RECEIVED
5 1984
SANTA PAULA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | FORMS | |
| | OGD 114 | OGD 121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention

to rework well NL&F #78 (Well designation), API No. 037-22728

Sec. 23, T. 4N, R. 17W, S.B.B. & M., Castaic Junction Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth 18856'

2. Complete casing record, including plugs and perforations 30" conductor at 49'
   20", 106.5# at 844'
   13-3/8", 72# at 4998'
   10-3/4", 51, 55.5, 60.7# at 14008'
   7-5/8", 45.3, 47.1# at 16720', plugged back from 14005' to 14545' and from 14710' to 15022', with BP at 15340' and perfs 15022'-14880', 14545'-14305', 14240'-14005', 14003'-13917', 13708'-13461', and 13399'-13045'
   5", 23.2# liner from 16038' to 18856', plugged back from 17550' to 18690' and perfs from 18776' to 18717' and 18567' to 17989'
3. Present producing zone name ——; Zone in which well is to be recompleted 10-A
4. Present zone pressure ——; New zone pressure 3800 psi
5. Last produced —— (Date) —— (Oil, B/D) —— (Water, B/D) —— (Gas, Mcf/D)
   (or)
   Last injected —— (Date) —— (Water, B/D) —— (Gas, Mcf/D) —— (Surface pressure, psig)

The proposed work is as follows:

1. Plug back well to 11000'±.
2. Rig up lubricator.
3. Perf from 10660'to 10720' to evaluate the potential of the 10-A Zone.
4. Rig down lubricator.
5. Attempt to flow well with gas lift.
6. Acidize zone if necessary.
7. Run production logs.

***It is understood that if changes in this plan become necessary, we are to notify you immediately.***

Address P.O. Box D.O. (Street)
Ventura, California 93002 (City) (State) (Zip)
Telephone Number 805/654-6800

Exxon Company, U.S.A. (Name of Operator)
By J. E. Garrison (Print Name)
J E Garrison 5-3-84 (Signature) (Date)

OG107 (9/82/DWRR/5M)

Form OG123 (11/80/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## SUPPLEMENTARY NOTICE

DIVISION OF OIL AND GAS
DEC 9 1982
SANTA PAULA, CALIFORNIA

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| BOND | FORMS | | EDP WELL FILE |
| | OGD114 | OGD121 | |
| B/a | — | ✓ | |

DIVISION OF OIL AND GAS

Santa Paula Calif.

A notice to you dated November 12, 19 82, stating the intention to

Drill (Drill, rework, abandon), NL&F 78 (Well name and number), API No. Not yet assigned,

Sec. 23, T. 4N, R. 17W, S.B. B. & M., Castaic Junction Field,

Los Angeles County, should be amended because of changed conditions.

The present condition of the well is as follows: Not yet spudded.

Total depth proposed to 25,000 ft.

Complete casing record including plugs and perforations N/A

We now propose to revise the proposed casing program to the following:

| Size | Weight | Grade & Type | TOP | Bottom | Cem. Depths | Calc. Fill Beh. Casing |
|---|---|---|---|---|---|---|
| 30" | 310# | B-Conductor | 0 | 40' | 40'± | Shoe to surface |
| 20" | 106.5# | K-55, BUTT | 0 | 800' | 800'± | " " " |
| 13-3/8" | 72# | L-80, BUTT | 0 | 5000' | 5000'± | " " " |
| 10-3/4" | 51# & 55.5# | L-80, BUTT & STC | 0 | 13000' | 13000'± | Shoe to 7400' |
| 7-5/8" | 33.7# | P-110 | 12500' | 21000' | 21000'± | Shoe to lap |
| 5" | 24.1# | P-110 | 0 | 25000' | 25000'± | Shoe to 20000' |

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

Address 1800 Avenue of the Stars (Street)

Los Angeles (City) CA (State) 90026 (Zip)

Telephone Number (805) 552-5400

Exxon Corporation (Name of Operator)

Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

By Mr. D. E. Young (Name) December 8, 1982 (Date)

Signature Douglas E. Young

Form OG105 (8/80)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS
## Notice of Intention to Drill New Well

| C.E.Q.A. INFORMATION | | | |
|---|---|---|---|
| EXEMPT ☐ CLASS____ | NEG. DEC. ☐ S.C.H. NO.____ | E.I.R. ☐ S.C.H. NO.____ | DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION ☒ |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | | | |
|---|---|---|---|---|---|
| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
| | | ✓ | BB | ✓ | ✓ |

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well "NL&F" 78* API No. 037-22728 (Assigned by Division)

Sec. 23, T. 4N, R. 17W, S.B. B. & M., Castaic Junction Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 2777 acres, is as follows: (Attach map or plat to scale)

See attached plat.* This well is an exploration well; you are requested to keep information confidential.

Do mineral and surface leases coincide? Yes X No____. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 3700 feet south (Direction) along section/~~property~~ (Cross out one) line and 90 feet west (Direction) at right angles to said line from the northeast corner of section/~~property~~ (Cross out one) 23 or n/a

Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: n/a feet (Direction) and ____ feet (Direction)

Elevation of ground above sea level 1150 feet.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table, or Kelly Bushing) that is 30 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES API | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS | CALCULATED FILL BEHIND CASING (Lineor Feet) |
|---|---|---|---|---|---|---|
| 30" | - | Conductor | 0 | 80 | 80'+ | Shoe to surface |
| 13-3/8" | 61# | K-55, LTC BUTT | 0 | 5000' | 5000'± | " " " |
| 10-3/4" | 40.5# | K-55, LTC, | 0 | 13000' | 13000'+ | Shoe to 7400' |
| 7-5/8" | 33.7# | S00-95, LTC | 12500' | 25000' | 25000'± | Shoe to lap |

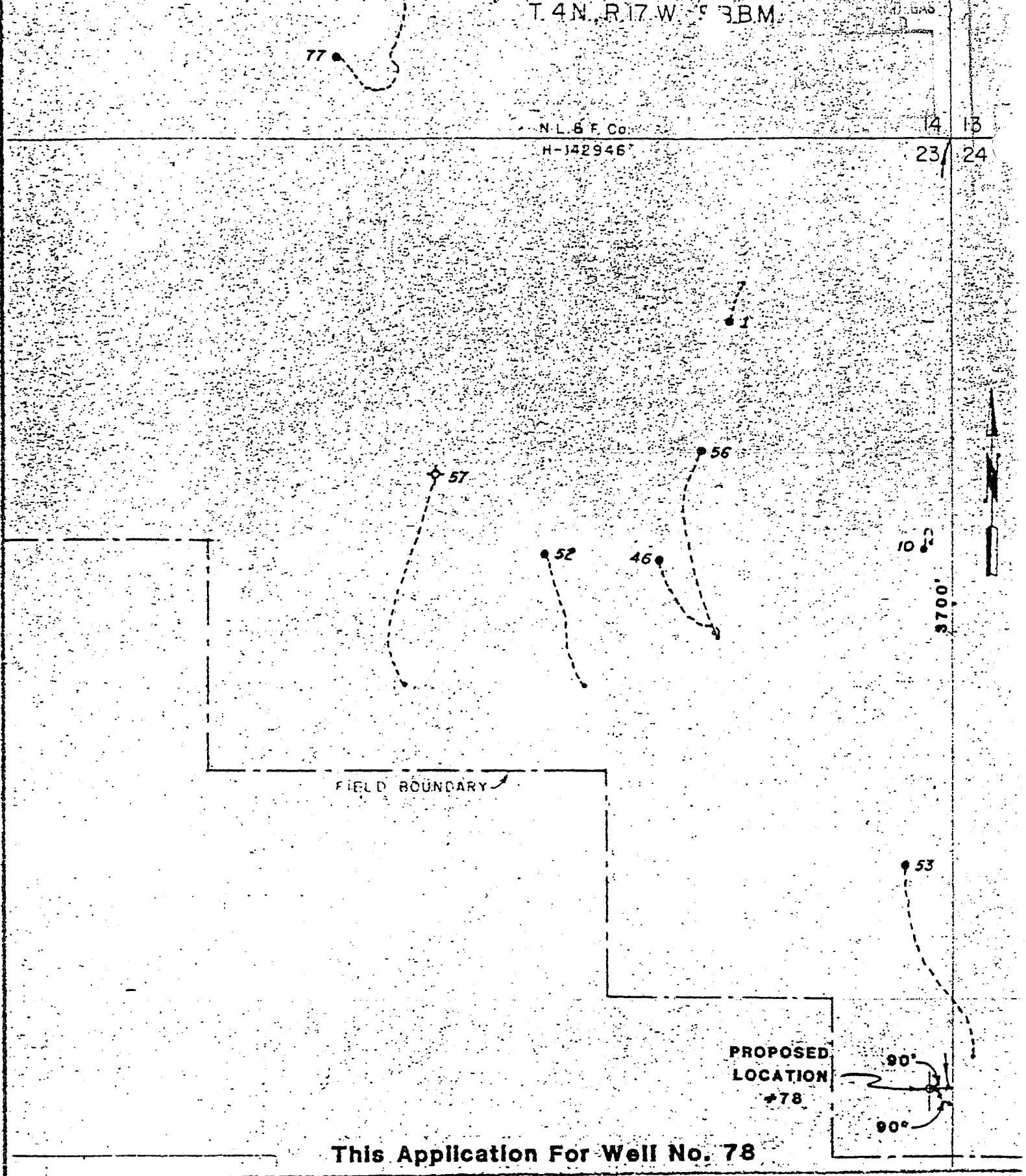
(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Unknown - Wildcat Well (Name, depth, and expected pressure) Estimated total depth 25,000'

It is understood that if changes in this plan become necessary we are to notify you immediately.

| Name of Operator | Type of Organization (Corporation, Partnership, Individual, etc.) | |
|---|---|---|
| Exxon Corporation | Corporation | |
| **Address** | **City** | **Zip Code** |
| 1800 Avenue of the Stars | Los Angeles | 90026 |
| **Telephone Number / Name of Person Filing Notice** | **Signature** | **Date** |
| 213-552-5400 D. E. Young | D E Young | 11-14-82 |

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.




**This Application For Well No. 78**

| | |
|---|---|
| **CASTAIC JUNCTION FIELD**<br>**LOS ANGELES COUNTY, CALIFORNIA** | EXXON COMPANY, U.S.A.<br>PRODUCTION DEPARTMENT |

| | | | | |
|---|---|---|---|---|
| DRAWN G.E.K. | DIVISION SECTION | REVISED 11-9-82 | SCALE 1" = 500' | JOB NO. |
| CHECKED | APPROVED | | DATE 11-5-82 | FILE NO. CAS308-A |

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY Texaco Inc. WELL NO. "Newhall" 1

API NO. 04-037-12660 SEC. 24, T. 4N, R. 17W, S.B. B.&M.

COUNTY Los Angeles FIELD Newhall-Potrero

RBDMS DATA ENTERED: 07/12/99
(DATE)

BY: T. Perez
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

UPDATED 9-24-99 S. MULQUEEN

**WELL CONSTRUCTION DATA ONLY**

FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Inglewood, California

March 30, 1970

Mr. O. W. Chonette, Agent
TEXACO INC.
P. O. Box 3337
Ventura, California 93003

DEAR SIR:

Your report of abandonment of Well No. (037-12660) "Newhall" 1, Sec. 22, T. 4 N., R. 17 W. S. B. B. & M., Newhall-Potrero field, Los Angeles County, dated March 17, 1970, received March 27, 1970, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

MM:es

cc - Mr. F. E. Kasline
Mr. H. J. Smith (2)
Production Dept.
Conservation Comm.
Fire Prevention Engineer
Fire Prevention Bureau

F. E. KASLINE
*State Oil and Gas Supervisor*

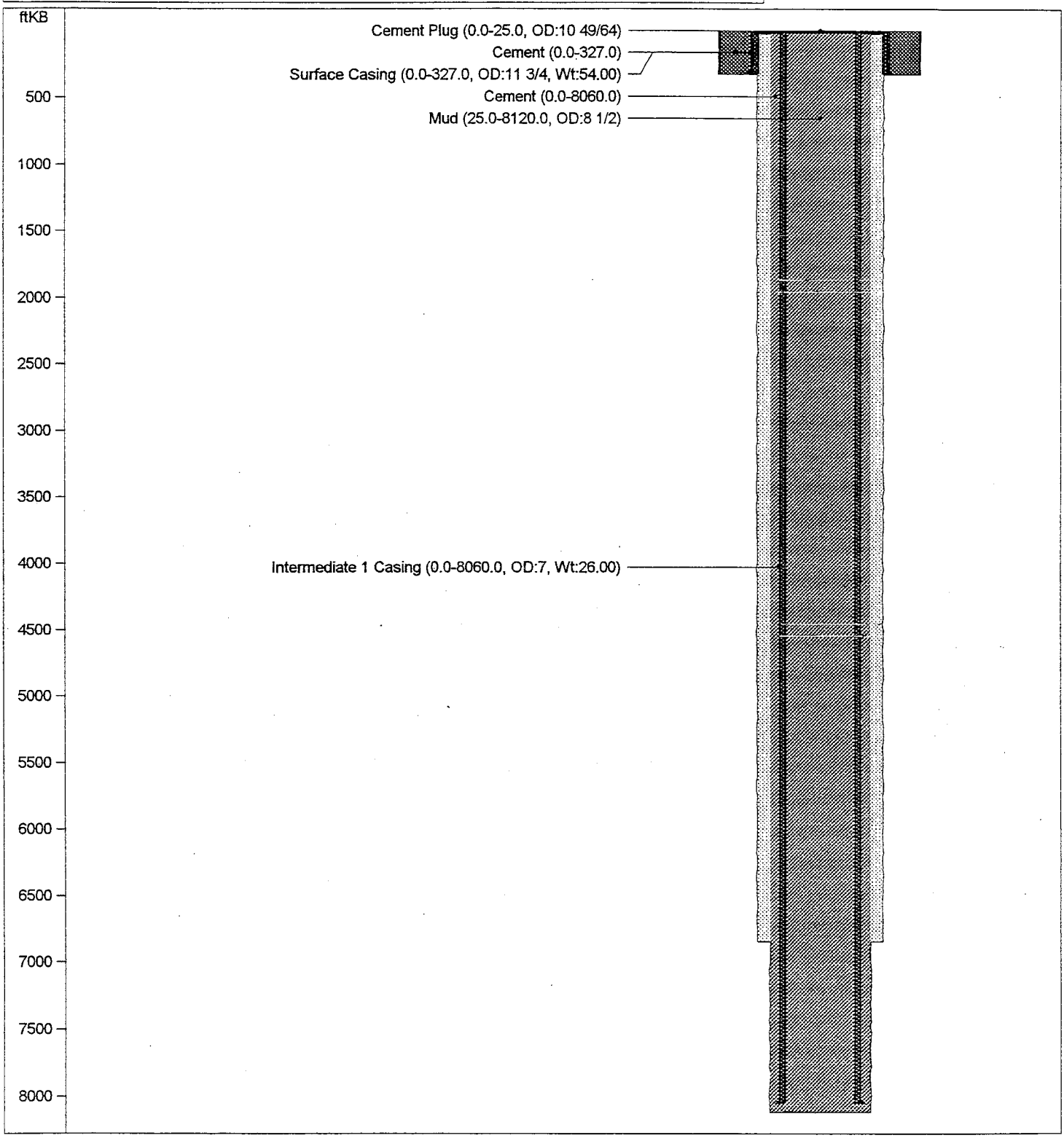
BLANKET BOND.

By [signature]
*Deputy Supervisor*

31486-705 4-69 10M OSP

| 04037126600000 | |
|---|---|
| Well Name | NEWHALL 1 |
| Operator | TEXACO E & P INC |
| Field Name | NEWHALL-POTRERO |
| TD | 8120.0 ftKB |
| PBTD | 0.0 ftKB |
| Approval Date | 07-Oct-42 |
| Spud Date | 25-May-42 |
| TD Date | 29-Sep-42 |
| Production Date | |
| Injection Date | |
| P/A Date | 26-Mar-69 |

Division of Oil & Gas Conservation




7/15/99

FORM 109-D

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 169-266

Mr. O. W. Chonette, Agent
TEXACO INC.
P. O. Box 3337
~~Agent for~~ Ventura, California 93003

Inglewood, Calif.
April 2, 1969

DEAR SIR:

Operations at well No. (037-12660) "Newhall" 1, Sec. 22, T. 4 N, R. 17 W, S.B. B & M. Newhall-Potrero Field, in Los Angeles County, were witnessed on March 20, 1969. Mr. G. Ledingham, Engineer, representative of the supervisor was present from 1:00 a.m. to 1:45 a.m. There were also present G. Leight, Cement Operator

Present condition of well: 11-3/4" cem. 327'; 7" cem. 8060', cp7720', perf. 7725' WSO, perf. 7812'-7878'. TD 8120', plugged w/cem. 7990'-7900' & 7848'-7612'.

The operations were performed for the purpose of witnessing the plugging operations in the process of abandonment.

Mr. ---------- reported:

MR. G. LEDINGHAM, ENGINEER, WAS PRESENT AT THE WELL FROM 9:30 P.M. TO 11:00 P.M. ON MARCH 19, 1969 AND NOTED THAT 66 cubic feet of cement was pumped into the hole through 2-1/2" tubing hung at 7848'.

MR. G. LEDINGHAM, ENGINEER, WAS PRESENT AT THE WELL FROM 1:00 A.M. TO 1:45 A.M. ON MARCH 20, 1969 AND NOTED THAT the cement plug at the reported depth of 7612' supported 1/6 of the weight of the tubing.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 7612' ARE APPROVED.

AT LOCATION 12-31-69
GRADED OVER
NO EVIDENCE OF OIL,
GAS, OR WATER LEAKAGE

GL:nw

cc H. J. Smith (2)
Prod. Dept.

F. E. KASLINE
State Oil and Gas Supervisor

By [signature] Deputy

21022-705 5-68 15M ② OSP

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS No. P 169-304

Mr. O. W. Chonette, Agent
TEXACO INC.
P. O. Box 3337
Ventura, California 93003

Inglewood, Calif.
March 24, 1969

DEAR SIR:

(037-12660)

Your proposal to abandon Well No. "Newhall" 1, Section 22, T. 4 N, R 17 W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County, dated 3/11/69, received 3/19/69, has been examined in conjunction with records filed in this office.

**RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE.**
**7" cp 7720'**

**With reference to your notice our decision is as follows:**

**DECISION**
**THE PROPOSAL IS APPROVED PROVIDED:**

1. **Heavy rotary mud shall be used to replace any oil or water in the hole and to fill all portions of the hole not plugged with cement.**
2. **THIS DIVISION SHALL BE NOTIFIED:**
   a. **To witness the location and hardness of the cement plug at 7700'.**
   b. **To witness the mudding of the hole.**
   c. **To inspect the completed surface plug.**

**WLI:nw**

**cc H. J. Smith (2)**

**Blanket Bond**

F. E. KASLINE, State Oil and Gas Supervisor

By [signature], Deputy

26437-705 11-68 20M ① △ OSP

FORM 108. 64284-705 2-66 10M ⓢ OSP

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 19 1969
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Ventura Calif. March 11, 19 69

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. "Newhall" ~~Land & Farming~~ #1, Sec. 22, T. 4N, R. 17W, SB B. & M., Newhall - Potrero Field, Los Angeles County, commencing work on March 15 19 69

DIVISION OF OIL A
RECEIVED
MAR 20 196
INGLEWOOD, CALIF.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 8120', PD 7900'

2. Complete casing record, including plugs:
Casing: 11-3/4", 54#, J-55 from surface to 327'.
7", 26#, N-80 & J-55 from surface to 8060'.

Perfs: 2 holes/ft. from 7812' to 7878'.
WSO's: 7725' (approved)

3. Last Produced 2-1-68 (Date) 3 (Oil, B/D) - (Gas, Mcf/D) 13 (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

5. Stratigraphic markers and depths:

6. Formation at bottom:

7. Base of fresh water sands:

THE PROPOSED WORK IS

1. Place a cement plug from 7900' to 7700'.
2. Fill hole with drilling fluid.
3. Place a 25' cement plug at the surface.
4. Cut off casing and restore the location.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | ARG | B | ARG | ARG |

P. O. Box 3337, Ventura, Calif.
(Address)

(805)-642-6781
(Telephone No.)

TEXACO Inc.
(Name of Operator)

By O. W. Chonette
O. W. Chonette, Dist. Supt.

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator The Texas Company Field Newhall-Potrero (Del Valle)

Well No. Newhall #1, Sec. 22, T. 4N, R. 17W, S.B. B. & M.

Signed J. H. Puls

Date September 25, 1943 Title Division Engineer
(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. **Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production.** Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

| 1942 Date | |
|---|---|
| 5-25 | T. P. Pike Drilling Company, contractor for The Texas Company, spudded in at 7:00 P.M., drilling a 17" hole. |
| 5-27 | Drilled a 17" hole to 330'. Ran and cemented 337.45', 12 joints, of 11-3/4" O.D., S.H., T. & C casing at 327' with 275 sacks of Colton Construction cement. Bumped plugs. Found cement outside casing at 120' Pumped in 125 sacks cement at 120' and 75 sacks cement at 60. |
| | Cementing operations as reported to the D.O.G. by Mr. Beck of Halliburto Oil Well Cementing Company were approved. |
| 5-28 | Landed casing, installed blow-out prevention equipment and tested contro gates at 1000# pressure for 15 minutes without loss. Drilled out cement from 298 to 330' and drilled ahead in 10-5/8" hole. |
| 7-6 | Drilled a 10-5/8" hole to 5875' and twisted off. Took hold of fish with socket and started out of hole. Stuck pipe with 29 stands in hole Released from fish and pulled out. |
| 7-7 | Jarred fish loose. Fish stuck again with 16-1/2 stands in hole. |
| 7-8 | Spotted 50 barrels of oil around fish. Jarred fish loose. |
| 7-9 | Cleaned out to bottom, conditioned mud and resumed drilling in a 10-5/8" hole. |
| 7-14 | Drilled a 10-5/8" hole to 5989'. Cored and drilled ahead in 10-5/8" hol |
| 7-21 | Drilled and cored in 10-5/8" hole to 6290'. |
| 7-22 | Ran Lane Wells electric log and resumed drilling and coring in a 10-5/8" |
| 7-24 | Cored in 10-5/8" hole to 6356 and stuck drill pipe 34 stands down while pulling out. Backed off safety joint leaving 2 joints of drill pipe, reamer, drill collars and core barrel in hole. |
| 7-27 | Recovered fish, reamed hole, conditioned mud and resumed drilling and coring in 10-5/8" hole. |
| 7-28 | Pulled into crown block and dropped pipe. Rigged up again. |

RECEIVED
OCT 1 1943

The Texas Company
Newhall #1

Newhall-Potrero
Del Valle
22 4N 17W S.B.

7-29 Worked pipe, spotted oil and pipe came loose. Laid down 33 stands of crooked pipe. Tried to recover bit cutter assembly.

7-30 Could not recover bit cutters. Tried to sidetrack cutters with Zublen

7-31 Recovered 1/2 of cutter assembly with junk basket.

8-1 Sidetracked bit cutters and resumed drilling and coring in 10-5/8" hole.

8-4 Drilled and cored in 10-5/8" hole to 6494'. Stuck drill pipe 26 stands off bottom. Bumper sub broke leaving 2 singles, bumper sub, safety join and 2 drill collars in hole.

8-5 Recovered fish and repaired equipment.

8-6 Resumed drilling in 10-5/8" hole.

8-7 Repaired equipment.

8-8 Repaired equipment.

8-9 Repaired equipment and resumed drilling in 10-5/8" hole.

8-16 Drilled a 10-5/8" hole to 6850' and cored ahead in 8-5/8" hole to 6864'.

8-17 Started drilling and coring ahead in 8-1/2" hole.

8-25 Drilled and cored in 8-1/2" hole to 7217' and ran Lane Wells electric log and survey to 7215'.

8-26 Resumed drilling and coring in 8-1/2" hole.

8-29 Drilled and cored in 8-1/2" hole to 7406'. Ran Lane Wells electric log. Stuck drillpipe while going in hole with 82 stands in. Worked pipe loose and resumed drilling and coring in 8-1/2" hole.

9-1 Drilled and cored in 8-1/2" hole to 7502'.

9-2 Reamed 8-1/2" hole to 10-5/8" from 6850 to 7012'.

9-3 Reamed 8-1/2" hole to 10-5/8" from 7012' to 7200'.

9-4 Repairing rig.

9-5 Repairing rig.

9-6 Resumed drilling and coring in 8-1/2" hole.

RECEIVED
OCT 1949

The Texas Company
Newhall #1

Newhall-Potrero
Del Valle
22 4N 17W S.B.

9-16 Cored in 8½" hole to 7843' and ran Lane Wells electric log. Reamed 8½" hole to 10-5/8" from 7200' to 7521'.

9-18 Resumed coring in 8-1/2" hole.

9-19 Cored in 8½" hole to 7875'.

9-20 Reamed 8½" hole to 10-5/8" hole from 7531 to 7764'.

9-21 Ran Halliburton Hole Caliper log. Resumed drilling and coring in 8-1/2"h

9-29 Cored in 8-1/2" hole to 8120'. Total depth.

9-30 Ran Lane Wells electric log and survey. Reamed 8-1/2" hole to 9-5/8" from 7764 to 7826'.

10-1 Reamed 8-1/2" hole to 9-5/8" from 7826' to 8050'.

10-2 Ran and cemented 7" O.D., Seamless casing at 8060' D.F. as follows:

| | | | |
|---|---|---|---|
| Bottom 37 jts | 1,504.95' | of 26#, | N 80, J & L, 8rd thrd., L.C. Csg. |
| 1 jt. | 19.16 | of 26#, | C-55, S.H., 8rd thrd pin & 10 V thrd coll |
| 12 jts | 462.72 | of 26#, | C-55, Bethlehem, 10 V thrd. S.C., Csg. |
| 44 jts | 1,697.48 | of 26#, | C-55, S. H., 10 V Thrd, S.C. Csg. |
| 1 jt. | 40.12 | of 26#, | C-55, S. H., 10 V Thrd pin & 8rd thrd col |
| 35 jts | 1,426.39 | of 26#, | C-55, S.H. 8rd Thrd., S.C., Csg. |
| Top 74 jts | 2,924.37 | of 26#, | C-55, Bethlehem, S.C., Csg. |
| 204 jts | 8,075.19' | | |

Bottom joint had Baker down whirler cement shoe on bottom and a Baker float collar on top. Stepp guides were spotted at 7867 and 7826'.

10-3 Cemented casing with 400 sacks of Slow Colton cement. Mixing time 15 min plug time 7 min., displacement time 41 min., circulating pressure 600#, final pressure 1500#. Average slurry weight 120#. Halliburton power and bulk cementing equipment. Landed casing with natural weight on slips. Started laying down 4-1/2" drill pipe.

10-5 Finished laying down 4-1/2" drill pipe and installed blowout prevention equipment.

10-6 Made up 2-1/2" tubing and checked plug at 7996'.

10-7 Tested casing and blowout prevention equipment at 1000# for 1/2 hour without loss. Perforated 4 ½" holes at 7720' with McCullough gun. Ran Halliburton tester on 2-7/8" tubing with packer set at 7696' with tailpipe extending to 7717'. Used 3/8" choke, 2 pressure bombs and 1009' of water cushion. Valve open 2 hours. Had a light steady blow for one hour 24 minutes then dead for balance. Recovered a net rise of 5391' of very viscous rotary mud with a trace of cement in the bottom 1700'. Initial flow pressure 247#. final pressure 3800#.

RECEIVED
OCT 1 1965
LOS ANGELES, CALIFORNIA

The Texas Company
Newhall #1

Newhall-Potrero
Del Valle
22 4N 17W S.B.

10-8 Broke circulation from 7720' to surface. Pumped away an estimated 113 sacks of Slow Colton cement through holes at 7720' with a final pressure of 4000#. Used Halliburton cementer set at 7416'.
Laid down 72 joints of tubing, filled with cement.

10-9 Cleaned out from 5447 to 7006'.

10-10 Drilled out cement from 7006 to 7407'.

10-11 Drilled out cement from 7407 to 7726, cleaned out from 7726 to 7760' and drilled out cement from 7996' to 7799'.

10-12 Perforated 4 1/2" holes at 7725 with Mc Cullough gun. Ran Halliburton tester on 2-7/8" tubing with packer set at 7705' and tailpipe extending to 7726'. Tailpipe included 2 pressure bombs, 3/8" choke and 8' of perforated. Used 1005' of water cushion. Valve open for 2 hours and 2 minutes. Had a light steady blow for less than two minutes than dead for balance of test. Recovered 92' of frothy rotary mud. Sample tested 157 G/G. Flow pressure was 525#. The water shut-off was approved as reported to the D.O.G. by Mr. J. H. Reinhart, Engineer of the Standard Oil Co.
Perforated 4 1/2" holes at 7923 using Mc Cullough gun. Gun checked bottom at 8002'.

10-13 Ran Halliburton tester on 2-7/8" tubing with packer set at 7854' with tailpipe extending to 7875'. Used 2 pressure bombs, 3/8" choke and 1020' of water cushion. Valve open 2 hours 28 minutes with a light steady blow for less than 2 minutes then dead for balance. Recovered 30 stands, 2600', of fluid, including 18 stands of oily mud and 12 stands of water. The mud tested 107 G/G and the water tested 161 G/G. The flow pressure was 1700# and still building up.

10-14 Could not squeeze any fluid away with Halliburton shoe squeeze tool set at 7903' using 5500# pressure or at 7813' using 5000# pressure.

10-15 Ran Halliburton tester on 2-7/8" tubing with packer set at 7854' and tailpipe extending to 7875'. Used two pressure bombs, a 3/8" choke and no water cushion. Opened valve at 4:45 A.M. Had a slow steady blow. Commenced flowing at 12:30 P.M. at a rate of 3 to 4 barrels per hour gross cutting 90% muddy water.

10-16 Flowed by heads, producing approximately 120 barrels gross in 24 hours cutting 50%. Gravity 28.2 °.

10-17 Flowed by heads, producing 109 barrels gross in 24 hours, with a 48% cut. Salinity ranged from 147 to 252 G/G.

10-18 Produced a total of 326 barrels gross in 72 hours with an average cut of 48%. Shut in pressure on tubing for 30 minutes was 195#. Pressure-bomb charts did not record.

RECEIVED
OCT 1 1943
LOS ANGELES, CALIFORNIA

The Texas Company
Newhall #1

Newhall-Potrero
Del Valle
22 4N 17W S.B.

10-19 Cleaned out from 7947 to 8002. Shot 4 1/2" holes at 7990 using Mc Cullough gun.

10-20 Set Halliburton shoe squeeze tool at 7957'. Could not break circulation from 7923' to 7990 at 3800'. Squeeze tool failed at 3800#.

10-21 Set Halliburton shoe squeeze tool at 7955 and squeezed with 25 sacks cement. Estimated 14 sacks cement away at 5500# final pressure.

10-22 Set Halliburton shoe squeeze tool at 7900'. Pumped in 50 sacks Colton Hi Temp cement with an estimated 25 sacks squeezed into formation at 6000# final pressure. Backscuttled an estimated 20 sacks of cement. Cleaned out to 7900'.

10-23 Perforated 7878 to 7812 with 132 5/8" holes, 6" centers using Mc Cullough gun.

Ran Halliburton tester on 2-7/8" tubing with packer set at 7698' and tail-pipe extending to 7720'. Used two pressure bombs, 1/2" choke and 491 of water cushion. Valve open at 11:44 P.M. Had a good blow.

10-24 Commenced to flow at 1:26 A.M. Turned to tank at 2:40 A.M. Flowed 314 barrels in 24 hours, 0.4% to 0.6% L.L. cut, 30.2 to 30.9 gravity, 40/64" bean, 40 to 75# tubing pressure and 300 MCF gas.

10-25 Flowed 270 bbls. in 21 hours, 40/64" bean, 40 to 75# tbg. press. Total production during test was 662 bbls., 29.9 gravity, 3.2% cut.

10-26 Pulled tester loose at 5:00 A.M. Laid down 2-7/8" O. D. tubing.

10-27 Made up 2-3/8" O.D. tubing.

10-28 245 joints of 2-3/8" tubing hung at 7809 with pump shoe on bottom and a Lane Wells type B.O. packer at 7576'. Opened bean at 8:00 A.M. Turned to tank at 11:15 A.M.

10-29 322 gross, no cut, 40/64" bean 40 to 75 tbg. pressure. Cut est. 3%.

10-30 299 gross, no cut, 40/64" bean 40 to 75 tbg. pressure.

10-31 254 net, 30.4° gravity, 2% cut, 40/64" bean.

Flowed 4719 barrels net, 31.6° gravity, 0.4% cut, with 3419 Mcf in 30 days of November 1943 for an average of 157 barrels per day.

MAP | MAP CODE | CARDS | BOND | FORMS (1) (2)

FORM 103

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVIS RECEIVED MAR 27 1970 SANTA PAULA, CALIFORNIA

26535-705 7-64 25M △ OSP

## History of Oil or Gas Well

OPERATOR TEXACO INC. FIELD Newhall - Potrero

Well No. Newhall Land & Farming #1 Sec. 22, T. 4N, R. 17W, S. B. & M.

Date March 17, 1970 Signed O. W. Chonette

P.O. Box 3337
Ventura, Calif. 93003 (805) 642-6781 Title District Superintendent

(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

1969 The purpose of this work was to abandon the well.

MECHANICAL CONDITIONS PRIOR TO THE WORK:

NOTE: All measurements refer to original Derrick Floor elevation which was 9.5' above ground level.

T.D. - 8120' P.D. 7900'

Casing: 11-3/4", 54#, J-55 from surface to 327'.
7", 26#, N-80 & J-55, surface to 8060'.

Perforations: Two 5/8" holes per foot from 7812' to 7878'.

WSO: 7725' (approved).

Tubing: 254 joints of 2-1/2" equipped with anchor and drain.

Sucker Rods: 55 joints of 1" rods, 57 joints of 7/8" rods and 145 joints of 3/4" rods.

Well Status: Shut In - 2-1-68 3 BO/D 0 Gas MCF/D 13 BW/D

SUMMARY OF WORK

3-18-69 California Production Service Inc. moved a rig on location at 12:30 p.m. and rigged up. Pulled and layed down 1" sucker rods.

3-19-69 Pulled 7/8" and 3/4" sucker rods, pump, tubing, anchor and chain. Ran open end tubing and located top of fill at 7876'. With open end tubing hung at 7848', Dowell pumped in 66 cu.ft. of Class "G" cement followed by 175 cu.ft. of water. Pulled tubing up 500± and let cement set for 3-1/2 hours.

DIVI
R E C E I V E
MAR 27 1970
SAN MARIA, CALIFORNIA



SUMMARY OF WORK (Cont'd)

3-20-69 Ran and located top of cement at 7612'. Hardness and location of cement was witnessed and approved by a representative from the office of D.O.G. Pulled and layed down tubing.

3-21-69 Filled hole with drilling mud to within 25' of surface. Placed a cement plug from 25' to surface. Cut off 7" casing and welded a steel plate over stub. D.O.G. didn't approve the abandonment at this stage due to water flowing from between 7" and 11-3/4" casing. Released rig at 12:00 p.m.

3-22-69 Idle

3-23-69 Idle

3-24-69 Idle

3-25-69 Company crew cleaned up location

3-26-69 Installed a 2" valve on top of the 11-3/4" casing. Pumped in 250 sacks of Class "G" cement between 7" and 11-3/4" casing filling annulus with cement to 2" valve. Well considered abandoned at completion of this work.

Note: Mr. Bill Ingram of the D.O.G. informed Mr. B. L. Graham of Texaco Inc. by phone on March 24, 1969 that a representative from the office of D.O.G. would observe the cementing off between 7" and 11-3/4" casing through the 2" valve at a later date.

HTT:mc

RECEIVE
MAY 2 9 1942

ERLE P. HALLIBURTON, PRESIDENT

JNO. C. HALLIBURTON, VICE PRESIDENT
A. D. STODDARD, VICE PRESIDENT
C. P. PARSONS, VICE PRESIDENT

JAY TAYLOR, VICE PRESIDENT
H. T. CRAIN, SECRETARY-TREASURER
L. D. CAMPBELL, ASS'T SECY-TREAS.

Halliburton
PATENTED PROCESS
Oil Well Cementing Co.
DUNCAN, OKLAHOMA

Ventura Calif.
May 28, 1942.

Division Of Oil and Gas
629 So. Hill Street
Los Angeles Calif.

Dear Sir:

The Texas Co. Newhall #1 cemented 330' of 11-3/4" 54# casing in 17" hole, using 275 sacks of cement. The mixing time was i2 minuates, displaced with 201 cu.ft. of mud in 6 minuates to bump plugs. Approximately 7 hours later pumped in 221 sacks of cement on outside of casing to fill to the top. Job completed 3-30 pm 5/27/42.

Halliburton Oil Well Cementing Co.

By. T C Beck

Subscribed and sworn, before me this 28th day of May, 1942.

S H Hammons
Notary Public in and for the County of Ventura, State of California.

Mr. Miles — J.L.W 6-1-42 Phone.
Mr Miles stated: Texas Co representative was W.E.L.
Depth of hole 330'
Final pressure 200 lb.

FORM 123 35390 8-36 10M
CALIFORNIA STATE PRINTING OFFICE

RECEIVED
OCT 9 - 1942

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Supplementary Notice

Los Angeles, Calif. October 1, 1942

DIVISION OF OIL AND GAS

Los Angeles, Calif.

Our notice to you dated May 12, 1942, stating our intention to

drill (Drill, deepen, redrill, abandon) well No. Newhall #1,

Sec. 22, T. 4-S, R. 17-W, S.B. B. & M. (Newhall Potrero) Del Valle Field,

Los Angeles County, must be amended on account of changed or recently discovered conditions.

The new conditions are as follows:

11-3/4" csg. cmtd. @ 327'

Depth 8120'

Good showings of oil and gas encountered between depths of 7720-7905'.

Solid shale body 7905-8038'.

Gray water sands 8038-8120'.

We now propose to

Cement 7" casing at 8050' w/400 sacks cement.
Shoot 4 holes at 7720' and test for effectiveness of water shut-off.
Shoot 4 holes at 7895' and test for effectiveness of water shut-off.
After effectiveness of water exclusion is demonstrated at both 7720' and 7895', perforate 7810-7890' and test.

Supp Drill

| Maps | | | | Records | |
|---|---|---|---|---|---|
| | | | | | |

BLANKET BOND

THE TEXAS COMPANY
(Name of Operator)

By [signature]

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12660

RECEIVED MAY 1 3 1942 LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles, Calif. May 12, 1942

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Newhall #1, Sec. 22, T. 4 S., R. 17-W., S.B. B. & M., (Newhall-Potrero) Del Valle Field, Los Angeles County.

Lease consists of

The well is 340 feet N. ~~or S.~~, and 340 feet E. ~~or W.~~ from S.W. cor. Lot 21 Rancho San Francisco
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~derrick floor~~ ground above sea level is 885 feet. U.S.G.S. (SW Cor Sec 22 4N)

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 11-3/4" | | | 300' | Cmtd. |
| | | | | |
| Balance of casing program will be determined from results obtained | | | | |
| through electrical logging and core sampling. | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Los Angeles, California

Telephone number TRinity 9271

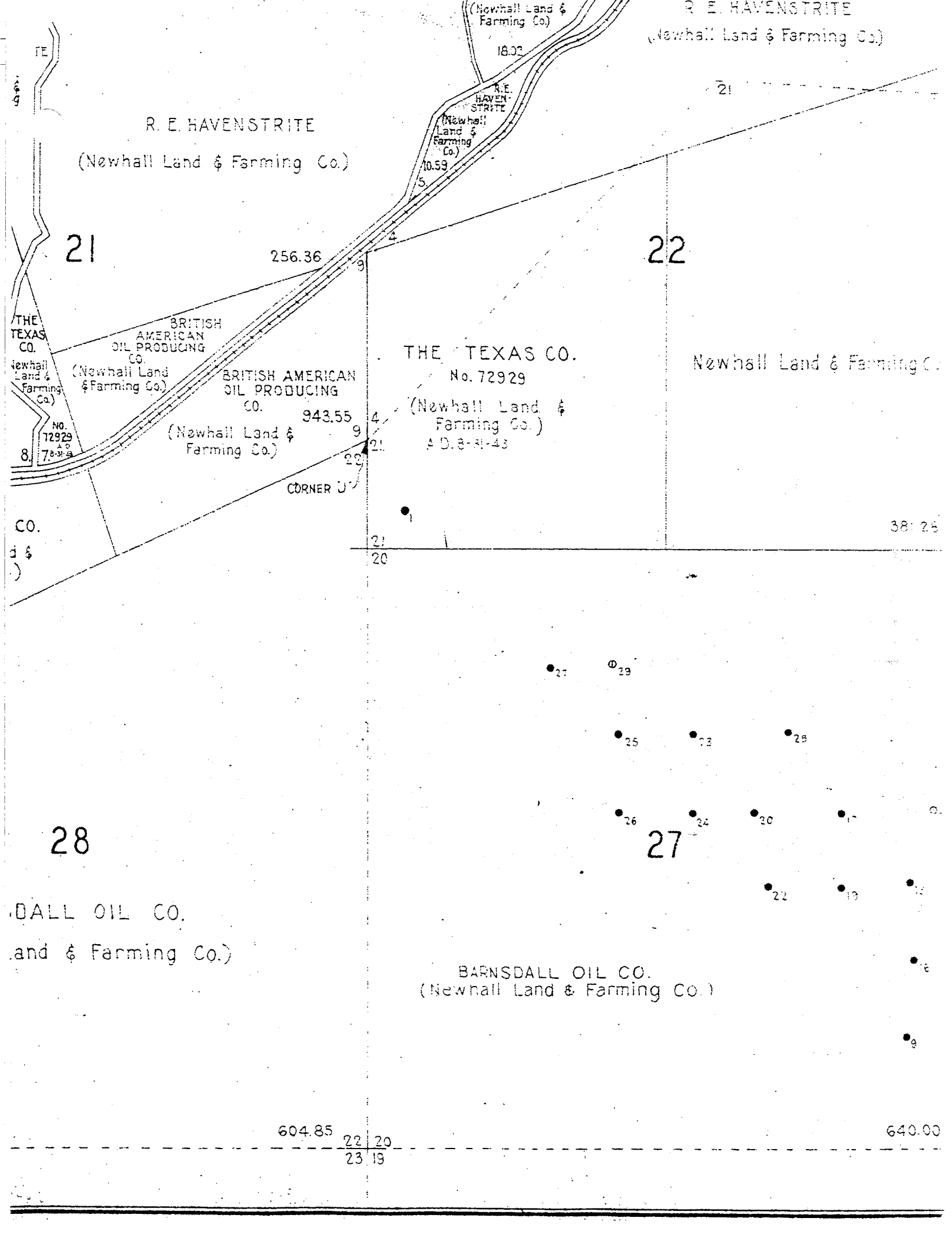
THE TEXAS COMPANY
(Name of Operator)

By J. H. Pulz

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18 JLW.

Book 5-14-42 JLW.



R. E. HAVENSTRITE
(Newhall Land & Farming Co.)
R. E. HAVENSTRITE
(Newhall Land & Farming Co.)
(Newhall Land & Farming Co.)
18.02
R.E. HAVENSTRITE
(Newhall Land & Farming Co.)
10.59
21
256.36
22
THE TEXAS CO.
BRITISH AMERICAN OIL PRODUCING CO.
(Newhall Land & Farming Co.)
BRITISH AMERICAN OIL PRODUCING CO.
(Newhall Land & Farming Co.)
943.55
THE TEXAS CO.
No. 72929
(Newhall Land & Farming Co.)
A.D. 8-31-43
Newhall Land & Farming Co.
NO. 72929
CORNER
CO.
38.25
28
27
DALL OIL CO.
and & Farming Co.)
BARNSDALL OIL CO.
(Newhall Land & Farming Co.)
604.85
640.00

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California
August 6, 1993

EXXON Corporation
Attn: Env. & Reg. Affairs
P.O. Box 1600
Midland, Texas 79702

Your report of plugging and abandonment of well "Newhall Land & Farming Co." 18, A.P.I. No. 037-16489, Section 24, T. 4N, R. 17W, SB B.&M., Castaic Junction field, Los Angeles County, dated June 18, 1992, received June 23, 1992, has been examined in conjunction with operations witnessed and records filed in this office. We have determined that all of the requirements of this Division have been fulfilled.

tkc
cc: Conservation Committee
Update

WILLIAM F. GUERARD, Jr.
Acting State Oil and Gas Supervisor

By
Patrick J. Kinnear, Deputy Supervisor

OGD159 (6/92)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUN 16 1995
VENTURA, CALIFORNIA

## History of Oil or Gas Well

Operator Exxon Corporation Field Castaic Junction County Los Angeles
Well Newhall Land & Farming Co. 18, Sec. 24, T 4N, R 17W, S.B.B. & M.
A.P.I. No. 037-16489 Name Stephen Johnson (Person submitting report) Title Regulatory Spec. (President, Secretary or Agent)
Date June 10, 19 93

Signature D. Johnson 6/14

Environmental & Regulatory Affairs, P.O. Box 1600, Midland, TX 79702 915/688-7875
(Address) (Telephone Number)

**History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

Date

05/17/93 Move rig from NL&F 25. Spot rig & mat. Spot tanks & rig pump. RU kill lines. RU pump & hoses. RU Lee Archer slick line. RIH to 350' & set 2.375 tbg plug. POOH. Rig out slick line. Close well in. Tbg press 375#.

05/18/93 Open well. Tbg 0 psi, csg 50 psi. Bleed dwn csg. MIRU. Fill out Exxon entry permit for cellar. N/D prod tree. N/U Class III BOP & choke manifold. Punch test ok. Change pipe rams to 2.75. RU working floor & tbg equip. RU Lee Archer slick line. RIH to 350'. Retrieve tbg plug. Attempt to circ dwn tbg, 800# - 1 BPM. Reverse circ 400 BBLs fresh water dwn csg to Baker tank. Well lying dead. Unland tbg & work stuck tbg @ 80,000# max - no movement. Work 4 hrs. Closed well in. EOT.

05/19/93 Open well (no psi). Take stretch on tbg, show stuck below 9000'. RU MMI. RIH w/1-11/16 chemical cutter. Pump dwn tools from 100' to 3000' due to thick oil & sludge. Cut tbg @ 10,245'. POOH. Rig out MMI. Work tbg loose. Estimate 90' fill above cut. POOH LD 150 jts 2.375 tbg on trailers. Closed well in. EOT.

05/20/93 Open well (no psi). Continue POOH LD 2.375 tbg. LD 320 jts total. Change out trailers. Haul in 320 jts 3.785 N-80 work string. PU 5.75 washover pipe (32'). Make up 4.75 mill collars & 6" tungston carbide shoe. PU 4 drill collars & jars & accelerator. Measure & PU 50 jts 2.785 N-80 tbg. Closed well in. EOT.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS
AND GEOTHERMAL RESOURCES

No.T293-133

# REPORT ON OPERATIONS

EXXON Corporation
Attn: Env. & Reg. Affairs
P.O. Box 1600
Midland, Texas 79702

Ventura, California
June 18, 1993

Your operations at well "Newhall Land & Farming Co." 18, API No. 037-16489, Sec. 24, T. 4 N, R. 17W, S.B.B.&M. Castaic Junction Field, in Los Angeles County, were witnessed on 6-15-93. Pete Wygle, representative of the supervisor, was present from 0800 to 0930. There were also present D. Morris, Operator's Representative.

Present condition of well: 10 3/4" cem 803'; 7" cem 10,568, perf 10,260' WSO (sqz off), perf 120', 792'-812', @ ints 10,292'-10,470', perf & sqz 10,510'. TD 12,365'. Plugged w/cem 12,240'-12,060', 11,230'-11,030' 10,568'-10,495', 10,468'-10,149', 810'-600' +/- & 124'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as reported and witnessed are approved.

PK:PW:nr

WILLIAM F. GUERARD, Jr.
Acting State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# NOTICE OF INTENTION TO ABANDON WELL

This notice must be given at least five days before work is to begin.

RECEIVED
JUN 2 5 1992
VENTURA, CALIFORNIA

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well No.** Newhall Land and Farming - Well No. 18 (Well designation), **API No.** 04-037-16489

**Sec.** 24, **T.** 4N, **R.** 17W, SB **B. & M.,** Castaic Junction **Field,** Los Angeles **County.**

**commencing work on** about 3rd Q, 19 92.

**The present condition of the well is:**

1. **Total depth** 12,365' original depth (prior to plug back)

2. **Complete casing record, including plugs and perforations**

   See Attached Detail

3. **Last produced** 8/87 (Date) 1 BOPD (Oil, B/D) 1 BWPD (Water, B/D) 360 MCF/D (Gas, Mcf/D)

   **OR**

4. **Last injected** -- (Date) -- (Water, B/D) -- (Gas, Mcf/D) -- (Surface pressure)

**Additional Data for dry hole (show depths)**

5. **Oil or gas shows:** N/A

6. **Stratigraphic markers:** N/A

7. **Formation and age at total depth:** N/A

8. **Base of fresh water sands:** 793'

**The proposed work is as follows:**

See Attached Detail

**It is understood that if changes in this plan become necessary, we are to notify you immediately**

**Address** 225 W. Hillcrest Drive (Street)

Thousand Oaks, (City) CA (State) 91360 (Zip)

**Telephone Number** 805-494-2000

Exxon Company, USA (Name of Operator)

**By** R.W. Romere (Name-Printed)

R.W. Romere 6/18/92 (Name-Signature) (Date)

**Type of Organization** Corporation

Forms\Abandon.DOG

DIVISION OF OIL AND GAS
RECEIVED
JUN 27 1975
SANTA PAULA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well



OPERATOR EXXON CORPORATION FIELD CASTAIC JUNCTION

Well No. N L & F Co. 18, Sec. 24, T. 4N, R. 17W, S.B. B. & M.

Date June 20, 1975. Signed [signature]

P.O. Box 7033, Long Beach, CA 426-8844 Title Operations Superintendent
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

| Date | |
|---|---|
| 5-24-75 | Moved in, rigged up, unbolted Xmas tree & flow lines. Pulled tbg. to 96000# and attempted to rotate pipe to release latch in Model "D" packer. Unable to release same. Pumped hot oil down tbg. at 4000# and hole started taking fluid, pressure dropped to 2200# at 23 bbl/hr rate. Pressure went to 2700#; pumped in 60 bbls hot salt water. Ran a 2¼" Impression Block. Hit wax at 527'. Ran a 2" Imp Block, wax at 500'. Unable to get down. |
| 5-25-75 | Pumped 50 bbls hot oil down tbg. at 3000 max pressure. Ran 2¼" Imp Block and stopped at 510'. Ran wax cutter to 1000'. Ran 2¼" Imp Block to 4545'. Ran in w/ spear and recovered 5700 feet of wire & tools. Ran shifting tool and was unable to shift sleeve at 10,214'. Ran Kinley gun & shot 2 1/2" holes at 10,193'. Unable to circ. at 1700'. |
| 5-26-75 | Rigged Halliburton pump truck & displaced rotary mud from annulus w/ lease injection water (2700 psi). Installed Class IV BOPE. Division of Oil and Gas waived test. |
| 5-27-75 | Rigged up McCullough & ran in hole w/ chem cutter, cut tbg off at 10230' (wireline measurement). Pulled out of hole w/ tbg & gas valves & equipment. Set 2 cup packer at 14'. Pressure tested pipe rams & blind rams at 3000 psi for 20 min, OK. Laid down packer. Made up 5-3/4" fishing tool w/ 2-7/8" slips, bumper subs, 2-4-3/4" drill collars on 2-7/8" tbg. Went in hole to 7500'. |
| 5-28-75 | Continued to run in to 10,228'. Circ. hole clean. Took hold of fish and tried to unlatch from Baker Model "D" packer at 10,245'. Jar quit working. Released socket from fish and pulled out of hole. Changed out jars, slips & 2-7/8" socket. Went in hole to fish at 10,230'. Jarred on fish from 80-90000#. Released & recovered fish and pulled out of hole. |
| 5-30-75 | Ran in hole w/ 2-3/8" tbg to 10,345'. Backscuttled hole clean. Rigged up Halliburton w/ tbg. hung at 10,345', pumped in & spotted 200 gal. Gel mud acid, 12% HCl & 3% HF between packers at 10,381' & 10,245'. Rigged down Halliburton. Pulled out of hole w/ tbg. |

DIVISION OF OIL AND GAS
RECEIVED
JUN 27 1975
SANTA PAULA, CALIFORNIA



5-31-75 Rigged up Dresser Atlas and ran Neutron PFC log from 10,380' to 10,245'. Perfed w/ 2 SPF from 10370'-10292' using 2-7/8" Hollow Carrier Slim Dikone Gun Jet w/ NCF III charges, 11 gms/ charge & 180° phasing. Rigged down Dresser Atlas. Made up seals of Baker Model "D" packer and started in hole w/ 2-3/8" and 2-7/8" tbg. and gas lift equipment. Hydrotested gas lift tubing in hole.

6- 1-75 Finished running & hydrotesting gas lift tubing in hole. Spaced out tubing string and latched into Model D packers at 10,245' (w/ 2 seal units) and 10,381' (w/ 10 seal units) w/ 3000# wt. on top of packer.

TUBING STRING ASSEMBLY:

| | | | | | | |
|---|---|---|---|---|---|---|
| Merla N-14R | valve | | 3/16 | port | 1520 psi | 2520' |
| " | " | " | " | " | 1420 psi | 4420' |
| " | " | " | " | " | 1390 psi | 6002' |
| " | " | " | " | " | 1360 psi | 7413' |
| " | " | " | " | " | 1320 psi | 8603' |
| " | " | " | 1/4 | " | 1300 psi | 9604' |
| " | " | " | 1/2 | " | 1450 psi | 10183' |
| Standing valve shoe w/ 2.252 ID w/o valve | | | | | | 10215' |
| Baker seals (2 units) & latched into Model D packer at 10245' w/ 3000# wt. | | | | | | 10247' |
| 2-3/8" Otis X-landing nipple 1.35 ID | | | | | | 10315' |
| 2-3/8" Baker Model R non-parted No-Go seating nipple | | | | | | 10347' |
| Baker seals (10 units) in Model D packer at 10381' | | | | | | 10388' |
| Stringer 45° Bottom | | | | | | 10390' |

Stripped out Hydrotest and BOPE. Landed tbg. & installed Xmas tree.

6- 2-75 Removed rig, hooked up gas lift lines, put well on production.

vlf

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS No. P 275-154

Mr. ~~C. E. Granberry, Agent~~
Exxon Corporation
P.O. Box 7033
Long Beach, Calif. 90807

Santa Paula, Calif.
May 7, 1975

DEAR SIR:

Your proposal to ~~alter casing~~ Well No. (037-16489) "Newhall Land & Farming Co." Section 24, T. 4N, R. 17W, S.B. B. & M., Castaic Junction Field, Los Angeles County, dated 4/28/75, received 5/6/75, has been examined in conjunction with records filed in this office.

THE PROPOSED OPERATIONS ARE APPROVED.

Blanket Bond
ALL:b

Thomas E. Gay, Jr., Acting Chief
~~JOHN F. MATTHEWS, Jr., State Oil and Gas Supervisor~~

By [signature], Deputy

25476-705 7-74 50M ⓓD OSP
OG 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
MAY 6 1975
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework operations are begun. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | FORMS | |
| | 114 | 121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3. Public Resources Code, notice is hereby given that it is our intention to rework well No. Newhall Land & Farming Co. 18, API No. _____, Sec. 24, T. 4N, R 17W, S.B.B. & M., Castaic Junction Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 12,365'
   PBD 10,495'

2. Complete casing record, including plugs and perforations:
   10-3/4", 40.5# J-55 cemented at 803'
   7", 23-29#, N-80 & P-110 cemented at 10,568' (top of cement at 9500'± per temperature survey).
   Open perforations (10,400'-10,470'). Squeezed perfs (10,360'-10,292') and at 10,510'.
   Approved WSO at 10,260' (squeezed).

3. Present producing zone name 10A Zone in which well is to be recompleted Same

4. Present zone pressure 4600 @ 10,100' New zone pressure Same

5. Last produced Producing (Date) 2 (Oil, B/D) 9 (Water, B/D) 5 (Gas, Mcf/D)

   or

6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

1. Install DOG Class IV BOPE and test for DOG witness.
2. Pull the tubing.
3. Perforate the 7" at 10,370' to 10,292'±.
4. Run the tubing and return to production.

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

Address 2755 Orange Avenue (Street)
Long Beach, California 90807 (City) (State) (Zip)
Telephone Number (213) 426-8844

EXXON CORPORATION (Name of Operator)
By [signature] (Name) 4/28/75 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

ORM 105

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
12 JAN 8 1953
LOS ANGELES, CALIFORNIA

037-16489

## Notice of Intention to Drill New Well

**This notice and surety bond must be filed before drilling begins**

Los Angeles Calif. January 6, 19 53

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "NEWHALL LAND & FARMING CO." #18, Sec. ~~Proj.~~ 24, T. 4 N, MB, R. 17 W, S.B. B. & M., Castaic Junction Field, Los Angeles County.

Legal description of lease See attached plat
(Attach map or plat to scale)

Location of Well: 2944.49 feet South (Direction) along section line and 8538.39 feet East (Direction) at right angles to said line from ~~the~~ Corner 11, Rancho San Francisco ~~corner of section~~ ~~property~~

Los Angeles County, California

Elevation of ground above sea level 1182 feet M.S.L. datum.

All depth measurements taken from top of Kelly bushing which is 14 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 10-3/4" | 41.85# | "B" | 0 | 800 | Cemented to surface |
| 7" | 23, 26 29,32,35 | N-80 | 0 | 12000 | Cemented 12000-9500' |
| | | | | | |
| | | | | | |

Intended zone or zones of completion: Zone 21 - 11900-12000'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | MBA | EB | [illegible] | [illegible] | EB |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 612 So. Flower Street
Los Angeles 17, California
Telephone Number MAdison 6-7701

HUMBLE OIL & REFINING COMPANY
(Name of Operator)
By [signature]

RWV/vm

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

September 21, 1994

EXXON Corporation
Attn: Env. & Reg. Affairs
P.O. Box 1600
Midland, TX 79702

Your report of the plugging and abandonment of well "Newhall Land & Farming Co." 53, A.P.I. No. 037-06358, Section 24, T. 4N, R. 17W, S.B. B.& M., Castaic Junction field, Los Angeles County, dated 08-30-93, received 09-09-93, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

svl

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By Patrick J. Kinnear
Patrick J. Kinnear
*Deputy Supervisor*

cc: Conservation Committee
Update

Modified OG159 (4/94)

OPERATOR EXXON CORP
WELL NO. "N.L.&F" 53
MAP

A.P.I. 037-06358
SECTION 24, T. 4 N, R. 17 W

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | ABANDON | | | | | |
| NOTICE DATED | — | | | | | |
| P-REPORT NUMBER | 293-213 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 2-19-94 SPM | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 7-2-93 | | | | | | | | | | | |
| HISTORY | 9-9-93 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | ✓ | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE _____

FINAL LETTER OK _____
MAILED _____
RELEASED BOND _____

INJECTION BOOK _____
IDLE WELL LIST _____
SURFACE INSP. CARD _____

REMARKS: SFC INSP OK 4-12-94 PRW

OK TO RELEASE FROM CONFIDENTIAL _____
ABANDONED-REMOVED FROM E.D.P. _____

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS
AND GEOTHERMAL RESOURCES

No. T293-207

# REPORT ON OPERATIONS

EXXON Corporation
Attn: Env. & Reg. Affairs
P.O. Box 1600
Midland, Texas 79702

Ventura, California
September 3, 1993

Your operations at well "Newhall Land & Farming Co." 53, API No. 037-03658, Sec. 24, T. 4N, R. 17W, S.B.B.&M. Castaic Junction Field, in Los Angeles County, were witnessed on 8-18-93. P. Wygle, representative of the supervisor, was present from 0900 to 1200. There were also present Ken Kennedy, Pool Toolpusher.

Present condition of well: 10 3/4" cem 811'; 5 1/2" cem 10,847', perf 10,620' WSO, perf 119'-121', 791'-811', & @ ints 10,658'-10,795'. TD 10,870'. Plugged w/ cem 10,870'-10,461', 810'-640'±, & 124'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

WILLIAM F. GUERARD, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

126
80
05
10-A

# NOTICE OF INTENTION TO ABANDON WELL

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | 7-2-93 | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well No. Newhall Land & Farming Co. 53 (Well designation), API No. 037-06458 3

Sec. 24, T. 4N, R. 17W, S.B. B. & M., Castaic Junction Field, Los Angeles County.

commencing work on 6/29, 1993.

The present condition of the well is:

1. Total depth 10,870'

2. Complete casing record, including plugs and perforations
   10 3/4" 40.5# casing @ 0'-811'
   5 1/2" 17/20# casing @ 0'-10,847'
   Plug back T.D.10,840' perfs: 10,840'-10,658' WSO: 10,620'

3. Last produced _____ (Date) (Oil, B/D) (Water, B/D) (Gas, Mcf/D)

   OR

4. Last injected 6/75 200 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Addtional Data for dry hole (show depths)

5. Uppermost oil or gas shows

   Top of Zone 10 : 10,658'

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 801'

DIVISION OF OIL AND GAS
RECEIVED
JUL 2 1993
NEWHALL, CALIFORNIA

5. Is this a critical well according to Section 1720(a), California Code of Regulations? Yes [X] No [ ]

The proposed work is as follows:

1 MIRU. Install and test a DOG class II 5M BOPE.
2. Clean to the bottom of the P.B.T.D. 5 1/2" casing @ 10,840'.
3. Place class "G" cement plug from 10,840'-10,520' cementing the 5 1/2" casing perfs, to 100' above WSO at 10,620', with TOC at 10,5 DOG to witness.
4. Shoot 4 SPF in the 5 1/2" casing @ 801'to 791' and place a class "G" cement plug from 801' to 701',squeezing the 5 1/2" x 10 3/4" annulus. DOG to witness.
5. Shoot 4 holes in the 5 1/2" casing @ 100' and circulate a class "G" cement plug from 100' to the surface getting returns in the casing/conductor annulus. DOG to witness.
6. Cut of casing @ 5' and weld plate with well identifier.
7. Clean location. DOG will inspect.

It is understood that if changes in this plan become necessary, we are to notify you immediately

Address 25 Desta Drive P.O. Box 1600 (Street)
Midland, Tx. 79702 (City) (State) (Zip)
Telephone Number 915-688-7888

Exxon Corporation (Name of Operator)
By Stephen Johnson (Name-Printed)
S. Johnson (Name-Signature) (Date)
Type of Organization Corporation

OG108

# HUMBLE OIL & REFINING COMPANY

SOUTHWEST REGION

P. O. Box 1600, Midland, Texas 79701

WELL HISTORY

WELL NO "Newhall Land & Farming Co." #53 FIELD Castaic Junction COUNTY Los Angeles STATE California SEC 24 T 4N R 17W S.B

| DATE | DEPTHS FROM | DEPTHS TO | FORMATION | REMARKS |
|---|---|---|---|---|
| | Redrill into Aquifer-Convert to Water Injection - Zone 10-A - Notice dated 4-25-67 | | | |
| 6-19-67 | | | MIRU. Unflanged tree, pulled pkr. loose, cir. w/lease SW. Installed & tes BOP. Pulled 2-3/8" tbg., laid down G/L valves and pkr. Ran sawtooth colla on 2-3/8" tbg. to clean out. | |
| 6-20,21-67 | | | Cir. @ 10,795, added 75 gal. Corexit to salt water. Pulled out. Ran 350 j (10,657.56') of 2-3/8" OD N-80 tbg., removed BOP, installed tree. Set Bak "F" pkr. @ 10,632' w/10,000#, Camco "D" nipple set @ 10,669'. Tested csg. w/1000# for 30 mins., O.K. Released rig @ 6:30 p.m. 6-21-67 FRR | |
| 6-22-67 | | | Well completed as an injection well. Well idle.=Injection will commence a soon as installation of power plant is completed. FRW 6-22-67. | |

Approved: D. L. Clemmer
D. L. Clemmer
Agent

DLC/saj
8-30-67

DIVISION OF OIL AND
RECEIVED
SEP 1 1967

FORM 107

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
APR 27 1967
INGLEWOOD, CALIFORNIA

## Notice of Intention to [redacted], Redrill, [redacted] INTO AQUIFER AND COMPLETE AS A WATER INJECTION WELL FOR THE ZONE 10-A WATERFLOOD EXPANSION PROJECT.

This notice must be given before work begins; one copy only

Long Beach, Calif. 25 April 19 67

DIVISION OF OIL AND GAS 830 No. La Brea, Inglewood, Calif. 90302

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. "Newhall Land (and) Farming Co." 53 (037-06358)
(Cross out unnecessary words)

Sec. 24, T. 4N, R. 17W, S.B. B. & M.

Castaic Junction Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 10,870'

2. Complete casing record, including plugs:

Cement Plug 10,870 - 10,815'

811' - 10-3/4" 40.5# J-55 Cmtd w/500 sacks
10,847' - 5-1/2" 15.5#, 17#, 20# J-55 and N-80 Cmtd w/400 sacks

Approved WSO @ 10,620'

3. Last produced. December, 1957 (Date) 48 (Oil, B/D) 1 (Water, B/D) 20 mcf (Gas)

The proposed work is as follows:

1. Kill well and install BOE.
2. Pull tubing and retrievable packer.
3. Run 2-3/8-inch N-80 tubing with retrievable packer. Set packer at 10,635 feet and prepare for injection.

Convert to Water Flood

| MAP | MAP BOOK | CARDS | BOND | FORMS 114* | FORMS 121 |
|---|---|---|---|---|---|
| | | as | Blanket | as | as |

(*not redr as)

P. O. Box 7033
Long Beach, Calif. 90807
(Address)

(213) GA 4-8121
(Telephone No.)

HUMBLE OIL & REFINING COMPANY
(Name of Operator)

By [signature]
District Superintendent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

86853 3-63 10M ② SPO

12

037-06358

~~037-06358~~

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

RECEIVED

OCT 13 1955

LOS ANGELES, CALIFORNIA

Los Angeles Calif. October 12, 1955

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. Co[redacted] "Newhall Land & Farming Proj." (No.) 53, Sec. 24, T. 4-N, Ry

R. 17-W, S.B. B. & M., Castaic Junction Field, Los Angeles County.

* correction letter 6-6-56 ys

Legal description of lease See attached Plat

(Attach map or plat to scale)

* 3,395 feet South along section line and 8,047 feet East from corner 11, Rancho San Francisco, Los Angeles County, California.

Location of Well: ~~**3395 feet South along section line and 8047 feet East~~ (Direction)

~~from corner 11~~

~~Rancho San Francisco, Los Angeles County, California~~

Elevation of ground above sea level _____ feet To be submitted later. datum.

All depth measurements taken from top of Kelly Bushing which is 12 feet above ground.

(Derrick Floor, Rotary Table or Kelly Bushing)

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 10-3/4 | 40.5 | J-55 | 0 | 800 | Cemented to surface |
| 5-1/2 | 20, 17 15.5 | N-80 | 0 | 10,900 | Cemented 1000' above shoe |
| | | | | | |
| | | | | | |

Intended zone or zones of completion: Zone 10, 10,900 feet

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A Ry | Ry | [illegible] | [illegible] | [illegible] | [illegible] |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 612 South Flower Street Los Angeles 17, California

Humble Oil & Refining Company (Name of Operator)

Telephone Number MAdison 6-7701

By [signature]

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

August 31, 2000

Bradford A. DeWitt, Agent
Medallion California Properties Company
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 44,

A.P.I. No. 037-12775, Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated 8-14-2000, received 8-28-2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on 12-1-99.

2. Site inspection made and approved 8-15-2000.

Willaim F. Guerard, JR.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion Calif Properties Co  Field Newhall-Potrero  County Los Angeles
Well Rancho San Francisco No. 44  Sec. 26  T. 4N  R.17W  S.B.B.&M.
A.P.I. No. 037-12775  Name S. W. VanNatta (Person submitting report)  Title Director of Reservoir Engineering (President, Secretary, or Agent)

Date Aug. 14, 2000 (Month, day, year)

Signature S.W. Van Natta

Address 7130 S. Lewis Ave, Suite 700, Tulsa, Oklahoma 74136  Telephone Number 918/488-8283

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| | After 12-1-99, gas bubbles appeared at the surface. Therefore, the first P&A was not approved by the DOGGR. |
| 6/14/2000 | **RE-ENTRY TO P&A.** MI & RU a Service Rig. Drilled cement from surface to 50', fell through and tagged bottom at 111'. |
| 6/15/2000 | Could not drill below 111' with 6 1/8" bit. POOH. WIH with 2 7/8" saw tooth collar. Could not drill below 111'. POOH. RD & MO. |
| 6/21/2000 | MI a Coiled Tubing unit. WIH with coiled tubing to 110'. Mixed and circulated 67 CF of class "G" cement from 110' to surface. POOH. Mixed and pumped in 31 CF of class "G" cement. Pumped cement in 7" casing and out the 9 5/8" by 7" annulus. Had good cement returns. RD & MO Coiled Tubing Unit. This P&A was approved by the DOGGR. |

RECEIVED AUG 28 2000

OG103 (6/97/GSR/5M)
Printed on recycled paper.

**SUBMIT IN DUPLICATE**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion Calif Properties Co  Field Newhall-Potrero  County Los Angeles

Well Rancho San Francisco No. 44  Sec. 26  T. 4N  R. 17W  S.B.B.&M.

A.P.I. No. 037-12775  Name S. W. VanNatta (Person submitting report)  Title Director of Reservoir Engineering (President, Secretary, or Agent)

Date Aug. 14, 2000 (Month, day, year)

Signature S. W. VanNatta

Address 7130 S. Lewis Ave, Suite 700, Tulsa, Oklahoma 74136  Telephone Number 918/488-8283

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 11/9/99 | MI & RU a Service Rig. Pulled tubing OOH and laid down. RD & MO Service Rig. |
| 11/12/99 | MI a Coiled Tubing Unit. WIH with coiled tubing to 9245'. Mixed and pumped in 182 CF of 50/50 POZMIX cement with 2% gel. POOH. Estimated TOC at 8420'. |
| 11/15/99 | WIH and tagged TOC at 8442'. Pulled end of coiled tubing to 8432. Circulated 281 barrels of 72# mud from 8442' up to 1100'. POOH to 3500'. |
| 11/16/99 | POOH. WIH on wireline with 30# charge and detonated at 1115'. WIH with coiled tubing to 1110'. Well flowed oil (approximately 20 barrels) and gas for 30 minutes and died. PI 5 barrels of water and 102 CF of 50/50 POZMIX cement with 2% gel into 7" casing and circulated out the 9 5/8" by 7" annulus. POOH. Estimated TOC inside 7" casing at 960'. |
| 11/29/99 | WIH with coiled tubing and tagged TOC at 966'. |
| 11/30/99 | Tagged TOC again at 966'. Mixed and circulated 31.5 barrels of 72# mud from 966' up to 100'. POOH. |
| 12/1/99 | Perforated 20 holes at 109'. WIH with coiled tubing and established circulation out the 9 5/8' by 7" annulus and the 13 3/8" by 9 5/8" annulus. Mixed and pumped in 89 CF of 50/50 POZMIX cement with 2% gel. Had good cement returns in both annuluses and filled 7" casing with cement to surface. Shut in well and both annuluses. RD & MO. |

Note: After 12-1-99, gas bubbles appeared at the surface. Therefore, this first P&A was not approved by the DOGGR.

RECEIVED
AUG 28 2000
VENTURA, CALIF.

OG103 (6/97/GSR/5M)
Printed on recycled paper.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-113**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
July 26, 2000

Your operations at well **"Rancho San Fernando" 44,** API No. **037-12775,** Sec. **26,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **6-21-2000. Anneliese Anderle,** representative of the supervisor, was present from **1100** to **1230.** There were also present **Mr. Richie McGowan & Mr. Alex Iwasiw.**

Present condition of well: **13 3/8" cem 239'; 9 5/8" cem 7703'; 7" cem 11099', perf 8615' wso, perf 9660' wso, cp 107', 9664', 9835', 9836', 9840', 10042', 10044', 10074', 10076', 10078', 11085', 11086', & cp 11087', perfs @ int 9085'-9192' & 9668'-10025', perf @ 10740', tight @ 9226'. Junk below 10050'. TD 11230'. Bp @ 10780', ret @ 10690', w/ cem 10690'-10646', plugged w/ 20 sx cem below ret @ 10052', plugged w/ 25 sx cem below ret @ 10050', packer @ 10035', Bp @ 10125', Bp 9825', packer @ 9607', Bp @ 9245', plugged w/ cem 9245'-9240', 9225'-8442', 1110'-966' & 107'-0'.**

The operations were performed for the purpose of **re-abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT TESTED WITH GAS DETECTOR, OK
7-27-2000 S. MULQUEEN

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY MEDALLION CALIF. PROP. WELL NO. "RANCHO SAN FRANCISCO" 44

API NO. 037 - 12775 SEC. 26, T. 4N, R. 17W, SB B.&M.

COUNTY LOS ANGELES FIELD NEWHALL POTRERO

RBDMS DATA ENTERED: 2 - 2 - 00
(DATE)

BY: S. MULQUEEN
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ✓
BOND BB
OGD114 ✓
OGD121 ✓

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "Rancho San Francisco" #44 **API No.** 03712775 **Sec.** 26 **T.** 4N **R.** 17W **S.B. B.&M.**

Newhall-Potrero **Field** Los Angeles **County, starting work on** 10/22/99

***The present condition of the well is***

**1. Total depth:** 11,230 ft; PB TD 9,240 ft

**2. Complete casing record, with plugs and perforations (present hole):**

**13-3/8" 54# J-55 csg cmt'd @ 239 ft w/275 sx.**
**9-5/8" 40#, 43.5#, 47# J-55 & N-80 csg cmt'd @ 7,703 ft w/400 sx. TOC @ 6,325 ft.**
**7" 23#, 26#, 29# & 32# N-80 csg cmt'd @ 11,099 ft w/350 sx. TOC @ 7,925 ft. CP 9,664 ft, 9,835 ft, 9,836 ft to 9,838 ft, 9,840 ft to 9,842 ft, 10,042 ft, 10,044 ft, 10,074 ft, 10,076 ft, 10,077 ft, 10,078 ft, 11, 085 ft, 11,086 ft and 11,087 ft (continued below).**

**3. Date last produced or injected:** Pre-1992

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

Note: Well was a 5th Zone producer.

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**
☐ Yes ☒ No

**The proposed work is as follows:**

Please see attached program.

RECEIVED
OCT 12 1999
D. GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

Continuation of casing record:

WSO @ 8,615 ft, perforations 9,668 ft to 9,722 ft, 9,741 ft to 9,761 ft, 9,782 ft to 9,807 ft, 9830 ft, 9,845 ft to 9,935 ft, 9,947 ft to 10,004 ft, 10,015 ft to 10,025 ft & 10,740 ft. BP @ 10,780 ft, cement plug 10,690 ft to 10,646 ft, cement plug 10,050 ft to 10,077 ft. Baker BP @ 9,245 ft capped w/1 sx cmt. Est TOC @ 9,240 ft. Please see attached schematic.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 Rosedale Highway (Street)
Bakersfield, CA 93308 (City) (State) (Zip)
Telephone Number 661-635-0465 (Area Code) (Number)

Medallion California Properties Company (Name of Operator)
By C. D. Fiddler (Print Name)
(Signature) 10/6/99 (Date)

OG108 (8/97)

**PROPOSED ABANDONMENT PROGRAM**
**RANCHO SAN FRANCISCO WELL #44**
**SECTION 26, T4N, R17W, SBB&M**
**NEWHALL-POTRERO FIELD, LOS ANGELES COUNTY**

1. RU Coil Tubing Unit (CTU); install Class II BOPE. RIH and lay a Class "G" cement plug in the 7" casing from 9,240 ft to 8,515 ft. Tag cement plug. DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay based mud from 8,515 ft to 1,100 ft.

2. RU perforators, RIH with cavity shot gear to 1,100 ft, make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,100 ft to 1,000 ft. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72# mud from 1,000 ft to 100 ft.

4. RU perforators and shoot eight (8) 1/2" holes at 100 ft. RD perforators. RIH with coil tubing and circulate surface plug into 7" x 13-3/8" casing annulus and 7" casing. Check 13-3/8" x 9-5/8" annulus for cement. If necessary, do top cmt job in that annulus. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear surface location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make inspection of location after restoration.

CDF 10/6/99

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county<br>Newhall-Potrero | | District<br>2 Ventura |
| Former owner<br>DKM Offshore Energy, Inc. | Operator code<br>D0230 | Date<br>10-1-94 |

Name and location of well(s)

All wells previously owned by DKM Energy, Inc.
in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Except:
"Rancho San Francisco" 152 (037-12654)

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>10-1-94 | New owner<br>Medallion California Properties Company | Operator code<br>M4805 | Type of organization<br>Corporation |
| | Address<br>1400 Easton Dr., #133<br>Bakersfield, CA. 93309 | | Telephone No.<br>(805) 395-3029 |

Reported by
Medallion California Properties Company

Confirmed by
DKM Offshore Energy

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent |
| Old operator new status (status abbreviation) | Remarks |

| | |
|---|---|
| Deputy Supervisor<br>Patrick J. Kinnear | Signature<br>Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252+253 | PC | 1-3099 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county<br>Newhall-Potrero | | District<br>2 Ventura |
| Former owner<br>Tidelands Oil Production Company | Operator code<br>T2975 | Date<br>11-1-92 |

Name and location of well(s)

All wells previously owned by Tidelands Oil Production Company, in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>11-1-92 | New owner<br>DKM Offshore Energy, Inc. | Operator code<br>D0230 | Type of organization<br>Corporation |
| | Address<br>1100 Louisiana, Ste.4550<br>Houston, Texas 77002 | | Telephone No.<br>(713) 739-0312 |

Reported by
DKM Offshore Energy, Inc.

Confirmed by
Tidelands Oil Production Company

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent |
| Old operator new status (status abbreviation) | Remarks |

| | | |
|---|---|---|
| | Deputy Supervisor<br>Patrick J. Kinnear | Signature<br>Patrick J. Kinnear / PJK/1 |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

FORM AND RECORD CHECK LIST

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252+253 | PC | 1-30-99 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| Newhall Potrero | 2 |
| **Former owner** | **Date** |
| Oryx Energy Company | May 15, 1991 |

Name and location of well(s)

Sec. 26, T. 4N., R. 17W., SBB&M (Continued)

| | | | |
|---|---|---|---|
| "Rancho San Francisco" 2 | (037-12621 | "Rancho San Francisco" 52 | (037-12865) |
| "Rancho San Francisco" 7 | (037-12626) | "Rancho San Francisco" 53 | (037-00070) |
| "Rancho San Francisco" 10 | (037-12629) | "Rancho San Francisco" 54 | (037-12866) |
| "Rancho San Francisco" 12 | (037-12631) | "Rancho San Francisco" 55 | (037-12867) |
| "Rancho San Francisco" 14 | (037-12633) | "Rancho San Francisco" 60 | (037-12872) |
| "Rancho San Francisco" 18 | (037-12637) | "Rancho San Francisco" 65 | (037-13245) |
| "Rancho San Francisco" 44 | (037-12775) | "Rancho San Francisco" 69 | (037-12348) |
| "Rancho San Francisco" 50 | (037-12863) | "Rancho San Francisco" 71 | (037-13250) |
| "Rancho San Francisco" 51 | (037-12864) | "Rancho San Francisco" 72 | (037-13251) |

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 1-1-91 | Tidelands Oil Production Co.<br>Address<br>925 Harbor Plaza<br>Long Beach, CA 90801 | Co.<br>Telephone No.<br>213-436-9918 |

Reported by
Oryx Energy Company

Confirmed by
Tidelands Oil Production Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| PA | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD158 (6/90/GSR1/2M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| | |
|---|---|
| Field or county<br>NEWHALL-POTRERO | District<br>2 |
| Former owner<br>Sun Oil Company | Date<br>Mar. 31, 1983 |

Name and location of well(s)

Sections 21, 22, 25, 26, 27, 28, 35, 36, T4N. R. 17W.

ALL WELLS

Description of the land upon which the well(s) is (are) located

| | | |
|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>1/1/82 | New owner<br>Sun Exploration & Production Co.<br>Address<br>P.O. Box 55060<br>Valencia, Ca. 91355 | Type of organization<br>Company<br>Telephone No.<br>(805) 257-6200 |

Reported by
Sun Oil Company

Confirmed by
Sun Exploration & Production Co.

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent<br>on file |
| Old operator new status (status abbreviation)<br>Ab | Remarks<br>NAME CHANGE ONLY |

| | |
|---|---|
| Deputy Supervisor<br>Murray W. Dosch | Signature<br>Murray W. Dosch |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

SUNRAY DX OIL COMPANY

SOUTHWESTERN DIVISION — NEWHALL DISTRICT

PR-4

# WELL SUMMARY REPORT

Field NEWHALL-POTRERO

•Well No. RANCHO SAN FRANCISCO #44-6 5, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Location 3371.03' S & 5655.27' E from Corner "J", Los Angeles County, California

Elevation of K.B. above sea level 1229'.

K.B. above ~~Ground~~ Concrete Mat 9.0'.

Date April 25, 1966

Signed J. R. Hinkle, District Engineer

Contractor California Production Service

Type Rig "D" Hopper Hoist

Commenced Workover : 2/26/66 (Date)

Completed Workover : 3/1/66 (Date)

**WELL CONDITIONS PRIOR TO WORK**

Total Depth 11,230' Plugged Depth 10,050'

See Attached

**WELL CONDITIONS AFTER WORK**

Total Depth 11,230' Plugged Depth 9240'

See Attached

DIVISION OF OIL AND GAS
RECEIVED
APR 26 1966
INGLEWOOD, CALIFORNIA

Commenced Producing 3/3/66 (Date) ~~Flowing~~/gas lift/~~pumping~~

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production 3/4/66 | *4 | - | 2 | 0 | - | - |
| Production after 24 days | *0 | - | 0 | 111 | 0 | - |

Electrical Log Depths * Well still owes wash oil. (Attach copy of Log)

WELL SUMMARY REPORT

FORM 157

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North La Brea Avenue
Inglewood, California 90302

February 21, 1966

Mr. John R. Hinkle
23928 Lyons Avenue
Newhall, California
Agent for SUNRAY DX OIL COMPANY

DEAR SIR:

Your notice request dated February 17, 1966, relative to change in designation of well(s) in Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero field, Los Angeles County, District No. 1, has been received;

and in accordance with Section 3203, Public Resources Code, reading in part as follows:

> "* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

Well No. "Rancho San Francisco" 44-6 will hereafter be known as your well No. "Rancho San Francisco" 44-5.

| Corrections Made as Follows: | By Whom |
|---|---|
| Form 114 | |
| " 115 | |
| " 121 | JEB |
| " 143 | |
| Cards | |
| Production Reports | Prod Dept |
| Well Records ( Folders | |
| ( Reports | |
| Field Maps | ✓ |
| Map Book | ✓ |
| Electricity | ✓ |

JLZ:eb
CC- Mr. E. R. Murray-Aaron
Prod. Dept.
Conservation Committee

E. R. MURRAY-AARON
*State Oil and Gas Supervisor*

By _____
*Deputy Supervisor*

△ SPO

FORM 107

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

RECEIVED
FEB 21 1966
INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Inglewood Calif. February 17 19 66

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. Rancho San Francisco #44-6
(Cross out unnecessary words)

, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11,230'
   PBTD 10,050'

2. Complete casing record, including plugs:
   ~~(See Attached Sheet)~~

3. Last produced. November, 1965 (Date) 4 (Oil, B/D) 1 (Water, B/D) 709 (Gas)

The proposed work is as follows:

1. Set Baker Model "N" CI Bridge Plug @ 9220'
2. Dump 1 sk. cement on top of Bridge Plug @ 9220'
3. Perf. w/4-1/2" Super Dyna Jet Holes per foot (4L and 5th zones) fr/(8580-8630') (8660-8682') (9085-9110') (9120-9130') (9145-9192').
4. Complete Well

Rancho San Francisco #44-6 will hereafter be referred to as Rancho San Francisco #44-5

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

23928 Lyons Ave., Newhall, Calif.
(Address)

805-259-2440
(Telephone No.)

Sunray DX Oil Company
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

71443 8-62 10M ② SPO

DIVISION OF OIL AND GAS
RECEIVED
MAR 14 1961
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

THIS NOTICE MUST BE GIVEN BEFORE WORK BEGINS; ONE COPY ONLY

Newhall, Calif. March 10, 19 61

DIVISION OF OIL AND GAS

Inglewood, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening~~, ~~redrilling~~, ~~plugging~~ or altering casing at Well No. _____
(CROSS OUT UNNECESSARY WORDS)

Rancho San Francisco #44-6, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. ~~Total depth.~~
   11,230'
2. Complete casing record.
   (See Attached Sheet)

3. Last produced. Feb. 1961 (DATE) 27 B/D (NET OIL) 37.9 (GRAVITY) 1.7 (CUT)

The proposed work is as follows:

1. Mill out Model 'D' packers at 9640' & 9820'.
2. Squeeze cement holes @ 10,042'.
3. Drill out cement.
4. Shoot four holes at 10,044' for W.S.O.
5. W.S.O. test:
   a. Use 1500' water cushion.
   b. Leave open one hour.
6. Complete well

| MAP | MAP BLOCK | | | | |
|---|---|---|---|---|---|
| | | | | | |

Sunray Mid-Continent Oil Company
(NAME OF OPERATOR)

By J. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

C.7.

(36)

LL ☐ COMPLETION SUMMARY
☒ WORKOVER SUMMARY

S-114 A

Completion: April 6, 1961

DATE: October 8, 1962

| LEASE | WELL NO | SEC | TWP | RGE | COUNTY OR PARISH | STATE |
|---|---|---|---|---|---|---|
| Rancho San Francisco | 44-6 | 26 | 4N | 17 | Los Angeles | California |

| FIELD | SURVEY | LOCATION |
|---|---|---|
| Newhall-Potrero | - | 3371.03' S & 5665.27' E from Corner "J" |

| DATUM POINT | ELEVATION | TD / PBTD | TOP OF Collar | CONTRACTOR | |
|---|---|---|---|---|---|
| ☐ GD ☐ DF ☒ KB | 1220.47' | TD 11230' / PBTD | 9.00 FT ☐ ABOVE ☒ BELOW D.P. | Calif. Prod. Service | $ - /DAY; $ - /FT |

## HOLE AND CASING RECORD

| HOLE DRILLED SIZE | HOLE DRILLED DEPTH | CSG | SET AT | DESCRIPTION (WT. THREADS - MAKE - TYPE - GRADE - COND.) |
|---|---|---|---|---|
| No Changes | | | | |
| See previous Well Summary dated 9-15-57. | | | | |

## CEMENTING RECORD

| SACKS USED | SACKS TOP PLUG | REMARKS |
|---|---|---|
| | | |

JAN 28 1963

## FORMATION RECORD

| NAME | TOP | BOTTOM | CONTENT OIL - GAS WATER |
|---|---|---|---|
| None | | | |

## DRILL STEM TESTS

| DATE | INTERVAL FROM | INTERVAL TO | TIME OPEN | RECOVERY |
|---|---|---|---|---|
| | | | | |

## COMPLETION ZONE

| DATE | INTERVAL FROM | INTERVAL TO | ZONE |
|---|---|---|---|
| | | | |

## PRODUCTION PERFORATIONS

| NO OF HOLES | INTERVAL FROM | INTERVAL TO | PURPOSE & RESULTS |
|---|---|---|---|
| 4 at | 10044 | | Formation Test |
| 4 at | 10078 | | Squeeze Job #12 |
| 4 at | 10740 | | Formation Test |
| 4 at | 10077 | | Formation Test #13 |
| 480 | 10015 | 9895 | Production |
| 100 | 9895 | 9845 | Production |
| 278 | 9807 | 9668 | Production |

## TREATMENT RECORD

| DATE | PRODUCTION BEFORE | PRODUCTION AFTER | TREATMENT SIZE AND KIND | INTERVAL FROM | INTERVAL TO | REMARKS |
|---|---|---|---|---|---|---|
| | | | | | | |

## PRODUCTION RECORD (GIVE ALL PRODUCTION DATA FOR FIRST FEW DAYS AFTER COMPLETION OR WORKOVER)

| DATE | OIL BARRELS | GAS MCF | WATER BARRELS | HRS | METHOD | PRESSURES CASING | PRESSURES TUBING | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 3/27/61 | 10* | 927 | 7 | 24 | Gas Lift | 325 | 200 | All wash oil |
| | Note: Well shut-in 3/30/61 to stimulate and perforate. | | | | | | | |
| 4/9/61 | 31* | 1442 | 2 | 24 | Flowing | 1140 | 700 | All wash oil |

ENGINEER: J. McDonald

SUPERINTENDENT:

*SEE DETAILED REPORT.

THIS FORM TO BE SUBMITTED ALONG WITH [illegible] NO. 114 NOT LATER THAN 10 DAYS AFTER WELL C[illegible]ETION OR ABANDONMENT IF A DRY HOLE. SHOW HISTORICAL DETAILS IN CHRONOLOGICAL O[illegible]ER WITH DATE, CONDITION AND DEPTH OF HOLE. SH[illegible] CHANGES IN TYPE OF MUD WITH REASONS. LOST CIRCULATION, BLOWOUTS, SURVEYS FOR DEVIATION FROM VERTICAL, DRILL STEM TESTS, CORING DEPTHS, ELECTRICAL SURVEYS, DESCRIPTION OF POSSIBLE PRODUCING ZONES CASED OFF, DESCRIPTION OF CASING JOBS SHOWING TYPES OF SHOES AND FLOAT EQUIPMENT, DETAILS OF CASING PULLED PRIOR TO COMPLETION, SIDETRACKED FISH SHOT AND ACIDIZING RECORDS PLUGS, ETC

USE TYPEWRITER

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE Rancho San Francisco WELL NO. 44-6
SEC. 26 T. 4N R. 17W COUNTY Los Angeles
STATE California FIELD Newhall-Potrero
A.F.E. NO.

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

1961 All measurements are taken from original Kelley Bushing which is 9.00' above concrete mat

3/14 California Production Service moved in and rigged up.

Commenced work-over operation at 1:00 PM (3-14-61).

Pulled tubing, dropped Baker "DR" packer plug. Tested Casing to 2500# for 15 min. OK

3/15 Retrieved Baker "DR" packer plug with Baash-Ross socket. Ran Baker milling tool, conditioned mud.

3/16 Milled up Baker Model "D" packer at 9640', recovered same. Ran Baker milling tool, milled over packer #2 at 9820'.

Pulled out, did not recover packer and did not have packer mill on stinger. Ran new milling tool, chased packer to 10,050'.

3/17 Pulled Baker milling tool, did not recover Model "D" packer. Ran wire line feeler to 10,037'.

Ran 5 7/8" bit to 10,037', drilled on junk from 10,037' to 10,041'. Ran wire line feeler to 10,042'.

3/18 Ran 6" bit, junk sub and scraper, cleaned out from 10,041' to 10,051'.

Set Baker Model "K" retainer at 10,030' with McCullough Wire Line, to squeeze former shut-off holes at 10,042'.

Squeeze Job #1 on Holes at 10,042'

Circulated to surface with 1000# surface pressure.

Had 10,030' of 2 7/8" 10.40# RIF drill pipe on hook. Left drill pipe latched into retainer while mixing and pumping cement, (Had circulation to surface) when water ahead at tool closed B.O.P.E. and squeezed to formation. Pumped 20 cu. ft., water ahead of 25 sacks Victor API "A" with 5# HR-7 retrader at 116# per cu. ft., followed by 5 cu. ft., water. Displaced with 248 cu. ft., mud, bled back 2 cu. ft., maximum Sq. pressure 4700#, final pressure 1500#. Pulled out of retainer and reversed circulated at 10,026'. Reversed circulated 5 cu. ft., of water and 5 sacks cement. Estimated 17 sacks to formation.

Drilled out cement at 10,024', retainer at 10,030', cleaned out hole to 10,045'.

3/19 Shot 4 - 3/8" Jet Holes at 10,044' with Cook gun and tester.

CORRECT J. M. Donell
ENGINEER

APPROVED
SUPERINTENDENT

FORM 103. 62984 9-46 47,500
[CALIFORNIA STATE PRINTING OFFICE]

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 26 1957
LOS ANGELES, CALIFORNIA

## HISTORY OF OIL OR GAS WELL

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero, Los Angeles County

WELL NO. "Rancho San Francisco" 44-6, SEC. 26, T. 4N, R. 17W, S.B. B. & M.

SIGNED O. A. Graybeal

DATE November 15, 1957 TITLE O. A. Graybeal AGENT
(PRESIDENT, SECRETARY OR AGENT)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

DATE

WORKOVER

1956
8/17 Started workover at 9:00 am.

Circulated crude oil to kill well. Displaced oil with mud.

8/18 Removed christmas tree and pulled tubing.

Hooked up B.O.P.E. and put sub-base into position. Tested B.O.P.E. to 1800 psi. Held O.K.

8/20 Ran in hole with 5 7/8" bit on 2 3/8" and 2 7/8" drill pipe.

Found fill at 9814' and cleaned out to C.I. bridge plug at 9833'. Drilled out bridge plug and cleaned out to 9906'.

Stuck drill pipe. Worked pipe loose.

8/21 Cleaned out hole to top of magnesium retainer at 10,052'.

Circulated and conditioned mud.

8/22 Shot four 1/2" bullet holes at 10,042'.

TEST #1 ON HOLES AT 10,042'.
Ran Halliburton Hydro-spring tester on 2 3/8" and 2 7/8" drill pipe. Set packer at 10,005' with tail piece to 10,022'. Used 1488' water cushion and 3/4" bottom bean. Tester open for one hour. Had weak blow for 2 minutes and dead remainder of test (occasional very weak breathing). Recovered 732' (2 1/3 barrels) net rise of oily, gassy mud in a fluffy non-fluid state. First two stands blew dry. BHP charts showed plugging action with pressure buildup which relieved itself several times. PRD bomb showed initial pressure of 900 psi, final pressure of 1550 psi; maximum plugged pressure 2300 psi. All bombs below valve. Approved by Sunray.

8/23 Displaced mud with oil base mud.

RECEIVED
NOV 26 1957
LOS ANGELES, CALIFORNIA



ce
1956
8/24 Shot four 1/2" holes per foot with B. J. combination bullet and perfo-jet gun from 9845'-9855'; 9863'-9883'; 9886'-9906'; 9911'-9921'; 9925'-9935'; 9947'-9977'; 9984'-10,004'; and 10,015'-10,025'.
Found bottom at 10,045' with wire line.

8/25 Set Baker Model "D" Production Packer at 9820'.

Set Baker Model "D" Production Packer at 9640'.

8/26 Ran and landed 2 3/8" and 2 7/8" tubing with five Camco valves on packer at 9820'.

Removed sub-base and B.O.P.E.

Installed christmas tree. Displaced oil base mud with crude oil.

Rig released at 11:00 pm.

## PRODUCTION DATA

| Date 1956 | Gross | Net | Cut | Gravity | Bean | PRESSURE Tubing | PRESSURE Casing | GAS Gross | GAS Net | G.O.R. | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 348 | 343 | 1.4 | | | 1400 | 1000 | 1190 | 690 | 2011 | Wash oil On for 8 hours. |
| 8/29 | 188 | 182 | 0.6 | 32.6 | 40 | 190 | 540 | 647 | 647 | 3554 | Wash oil on for 16 hours - flowing. |
| 8/30 | 302 | 286 | 5.3 | 31.6 | 40 | 175 | 540 | 999 | 999 | 3493 | Includes 273 bbls wash oil. |
| 8/31 | 265 | 253 | 4.5 | 32.2 | 40 | 175 | 525 | 962 | 962 | 3630 | |
| 9/1 | 237 | | 2.1 | 32.5 | 40 | 180 | 520 | 937 | 937 | 4039 | |
| 9/2 | 240 | 233 | 3.2 | 33.3 | 40 | 175 | 510 | 880 | 880 | 3776 | |
| 9/3 | 239 | 230 | 3.9 | 33.9 | 40 | 175 | 500 | 825 | 825 | 3586 | |

LC

ORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL TH ANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 2 2 1947
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Barnsdall Oil Company Field Newhall Potrero

Well No. Rancho San Francisco 44-6 Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Location 3371.03'S. & 5655.27'E. from Cor. "J" Elevation of K.B. 1229' derrick floor 1226' ground above sea level 1220.47' feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date February 25, 1947 Signed R. E. Ford

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 7-22-44 Completed drilling 3-27-45 Drilling tools ~~Cable~~ Rotary

Total depth 11,230 Plugged depth 9833'

Junk None

GEOLOGICAL MARKERS DEPTH

Commenced producing 3-28-45 (date) Flowing/~~pump~~/~~gas lift~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 577 | 36.2 | 5.0% | 505 | 510 | 530 |
| Production after 30 days | 665 | 38.7 | 0.1% | 753 | 1150 | 2500 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementin if through perforatic |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8 | 239 | Surface | 54.50 | New | Smls. | J55 | 17½ | 275 | |
| 9 5/8 | 7703 | " | 40,43.5,47 | " | " | J55, N80 | 12¼ | 400 | |
| 7 | 11,099 | " | 23,26,29,32 | " | " | N80 | 8½ | 350 | |
| | | G.P. at | 11,085'-11,087; 10,074-10,076'; 9830-9842'; 9660-9664'. | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 9807 ft. | 9782 ft. | 3/8" - 150 holes | | 2" | Gun |
| | 9761 ft. | 9741 ft. | " 120 " | | " | " |
| | 9722 ft. | 9702 ft. | " 120 " | | " | " |
| | 9698 ft. | 9668 ft. | " 180 " | | " | " |
| | ft. | ft. | | | | |

BOND

Electrical Log Depths 237' - 11,213' (Attach Copy of Log)

CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 28 1947
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Barnsdall Oil Company FIELD Newhall Potrero

Well No. Rancho San Francisco 44-6, Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fox

Date March 5, 1947 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1944 | |
| 7-22 | Spudded in. Drilled to 270' with 11" bit. |
| 23 | Opened 11" hole to 17½" to 239'. Cemented 241' of 13 3/8" 54.50# casing at 239', with 275 sx. cement. Cement returned to surface. |
| 24 | Found top of cement at 226'. Drilled out and drilled ahead with 12¼" bit. |
| 9-11 | Depth 7585'. Cored 10 5/8" hole ahead. |
| 13 | Depth 7612'. Core barrel hung up while pulling out of hole. Dropped core barrel and two - 6" drill collars. |
| 14 | Found top of fish at 7510'. Fishing and washing over fish. |
| 10-12 | Recovered all of fish except 3 core head legs and cutters. |
| 17 | Finished milling up iron at 7635'. Drilling 12¼" hole ahead. |
| 18 | Depth 7704'. Ran electric log 239-7703'. |
| 20 | Cemented 9 5/8" 40, 43.5 and 47# casing at 7703', with 400 sx. cement. |
| 26 | Found top of cement at 7658'. Drilled out and drilled 8½" hole to 7708'. Ran Johnston tester. Drill pipe leaked. |
| 27 | Reran Johnston tester. Set packer at 7677', with tailpiece to 7690'. Valve open 37½ mins. through 3/8" bottom bean. Light steady blow 7½ mins; dead remainder of test Recovered 20' of heavy drilling mud. Test witnessed and WSO approved by Inspector G.W. LaPeire of DO&G. Drilled 8½" and cored 6" hole ahead. |
| 11-12 | Depth 8357'. 8½" hole to 8283', 6" hole to 8357'. Set Johnston formation tester at 8283', with tailpiece to 8304'. Tester open 30 mins. through 3/8" bottom bean. Fair steady blow 25 mins; weak steady blow 5 mins; Recovered 15 stands, 1375 lineal feet, or 18 bbls. of muddy water and gassy water. Salinity of bottom sample 280 G/G. Drilled 8½" and cored 6" hole ahead. |
| 11-16 | Depth 8440'. Ran electric log. |
| 20 | " 8570'. " " " |
| 12- 5 | " 9234'. " " " |
| 12-21 | " 9678'. " " " |
| 12-26 | " 9790'. " " " |
| 1945 | |
| 1- 2 | " 10062'. " " " |
| 15 | " 10622'. " " " |
| 1 | " 11209'. " " " |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-43065

Los Angeles 14, Calif. July 28, 1944

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

121

DEAR SIR: "Rancho San Francisco"

Operations at your well No. 44 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by J. L. White, Inspector, representative of the supervisor, on July 26, 1944. There was also present Chris Fylling, Driller; M. E. Bretton, Helper.

Casing Record 13-3/8" cem. 239'. T.D. 1138'. | Junk xxxx

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

~~The inspector arrived at the well~~ xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx ~~reported.~~

THE INSPECTOR ARRIVED AT THE WELL AT 11:35 A.M. AND NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer ram-type gate for closing in the well with the drill pipe out of the hole.
2. A Shaffer ram-type gate for closing around the 5" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line, with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.
5. A Hosmer type blowout preventer with packer to fit the 5" drill pipe.
6. An 8" shut-off gate on the mud discharge line.

The inspection was completed at 11:45 a.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

JLW:OH
R/W

cc- Company

R. D. BUSH
State Oil and Gas Supervisor
By E. H. Musser Deputy

28381 10-43 15M
STATE PRINTING OFFICE

FORM 105
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

20

037-12775

## Notice of Intention to Drill New Well

5

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. March 13 1944

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 44, Sec. ~~27~~ 26, T. 4 N, R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3371.03 feet ~~N.~~ or S., and ~~5565.27~~ 5655.27* feet E. or ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the Kelly Bushing / derrick floor / ground above sea level is 1229 / 1226 / 1220.47 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7300 feet.

*Correction letter 4-23-45. my

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8 | 61 | Smls.slip jt. | 300 | Cemented |
| 9 5/8 | 47 - 43 - 40 | N-80, J-55 | 7600 | " |
| 7" | To be determined by coring and/or electric log. | | | Cemented |
| 5½" | | " | | Hung |

Well is to be drilled with rotary ~~xxxxx~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles, 15, Calif.

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number Richmond 5171

By [signature]
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18A 3.20.44

Blanket bond dated 8-25-41

25 50

# SCHLUMBER

WELL SURVEYING CORPORATIO

037-12775

COMPANY: BARNSDALL OIL COMPANY

FIELD: NEWHALL-POTRERO "Rancho San Francisco"

WELL: (R. S. F.) 44 5

SEC. 26 T. 4 N R. 17 W

COUNTY: LOS ANGELES STATE: CALIFORNIA

ELEV.: 1230'

MEDALLION CALIFORNIA PROPERTIES CO.

[redacted] "Rancho San Francisco" 44-X

Sec. 26-4N-17W. NEWHALL-POTRERO

| RUN | 1 | 2 | 3 | 4 | 12-21-44 |
|---|---|---|---|---|---|
| Date | 10-13-44 | 11-16-44 | 11-20-44 | 12-5-44 | |
| Csg. shoe | 237 | 7702 | -- | -- | 7703 |
| Total depth | 7704 | 8440 | 8570 | 9234 | 9678 |
| Depth rchd. | 7703 | 8438 | 8567 | 9234 | 9678 |
| Ft. Meas. | 7466 | 735 | 129 | 667 | 444 |
| Mud Nat. | Chemical | Baroid | Baroid | Chemical | Baroid |
| Dens | 77 | 77# | 77½# | 78# | 75# |
| Visc. | 30 | 55 | 81½ | 55 | 45 |
| Res. | 2.1 @ 76°F | 2.3 @ 62°F | 5.1 @ 80°F | 4.8 @ 80°F | 2.5 @ 85°F |
| Max. Temp. | 165° | 152° | 210° | -- | 241°F |
| Meas. from | Kelly Bush | Kelly Bush | Kelly Bush | Kelly Bush | Kelly Bush |
| Tension | -- | -- | -- | -- | -- |
| Rig. Time | 3 hrs. | 2 1/4 hrs. | 2 hrs. | 5 hrs. | 1½ hrs. |
| Mileage | 80 mi. | 80 mi. | 80 mi. | 80 mi. | 80 mi. |
| Observer | V. T. Fant | B. Pugsley | R. Forsythe | W. H. Dale | B. Pugsley |
| Witnessed by: | | | | | |

| RUN | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|
| Date | 12-26-44 | 1-2-45 | 1-10-45 | 1-1-45 | |
| Csg. shoe | 7703 | 7703 | 7703 | 7703 | |
| Total depth | 9792 | 10062 | 10622 | 11209 | |
| Depth rchd. | 9792 | 10062 | 10623 | 11213 | |
| Ft. Meas. | 114 | 270 | 561 | 590 | |
| Mud Nat. | Baroid | Baroid | Baroid | Baroid | |
| Dens | 78½# | 75# | 80# | 78# | |
| Visc. | 50 | 45 | 48 | 48 | |
| Res. | 2.7 @ 87°F | 1.8 @ 82°F | 2.5 @ 79°F | 3.5 @ 60°F | |
| Max. Temp. | 222° | 214° | 223°F | -- | |
| Meas. from | Kelly Bush | Kelly Bush | Kelly Bush | Kelly Bush | |
| Tension | -- | -- | -- | -- | |
| Rig. Time | 1½ hrs. | 1 hr. | 1½ hrs. | 3 1/4 hrs. | |
| Mileage | 80 mi. | 80 mi. | 80 mi. | 80 mi. | |
| Observer | B. Pugsley | B. Pugsley | B. Pugsley | V. T. Fant | |
| Witnessed by: | | | | | |

OPERATOR [illegible]
WELL NO. [illegible]
MAP

A.P.I. [illegible]
SECTION 26, T. [illegible] N, R. [illegible] W

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | plug & abandon | | | | |
| NOTICE DATED | 10-6-99 | 4/28/00 | | | | |
| P-REPORT NUMBER | 299-1162 | 200-104 | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-11-99 | | 5/11/00 | | | | | | | | | |
| HISTORY | | | 8-28-00 | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. OK | | 8-15-00 SM | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE _____ _____ _____ _____

FINAL LETTER OK _____
MAILED _____
RELEASED BOND _____

INJECTION BOOK _____
IDLE WELL LIST _____
SURFACE INSP. CARD _____

REMARKS: _____

OK TO RELEASE FROM CONFIDENTIAL _____
ABANDONED-REMOVED FROM E.D.P. _____

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

December 7, 1994

James R. Weddle, Agent
DKM Offshore Energy
1400 Easton Drive, Suite 113
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 50, A.P.I. No. 037-12863, Section 26, T. 4N, R. 17W, S.B. B.& M., Newhall Potrero field, Los Angeles County, dated June 28, 1994, received July 25, 1994, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

svl

By Patrick J. Kinnear
Patrick J. Kinnear
*Deputy Supervisor*

cc: Conservation Committee
Update

Modified OG159 (4/94)

OPERATOR Tidelands Oil Production Co. A.P.I. 037- 12863

WELL NO. "Rancho San Francisco" 50 SECTION 24, T. 4 N, R. 17 W

MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | — | | | | | |
| P-REPORT NUMBER | 094-93 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 10/24/94 | | | | | |
| SYMBOL | ⊕ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 4-1-94 | | | | | | | | | | | |
| HISTORY | 7-25-94 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. OK | 12-2-94 SPM | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE 12-2-94 SPM

FINAL LETTER OK 12-2-94

MAILED

RELEASED BOND

INJECTION BOOK

IDLE WELL LIST

SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL

ABANDONED-REMOVED FROM E.D.P.

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T294-201

# Report on Operations

James R. Weddle, Agent
DKM OFFSHORE ENERGY, INC.
1400 Easton Dr., Ste. 133
Bakersfield, CA 93309

Ventura, California
August 12, 1994

Your operations at well "Rancho San Francisco" 50, API No. 037-12863, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 5-13-94. Fariba Neese, representative of the supervisor, was present from 1230 to 1330. There were also present Lyle Bowen

Present condition of well: 13 3/8" cem 214'; 7" cem 7380' WSO, cp 100' & 710'; 5 1/2" ld 7347'-7655', perfs @ int 7419'-7655'. TD 7669'. Plugged w/cem 7658'-6992', 710'-478' & 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

svl

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

STATE OF CALIFORNIA—THE RESOURCES AGENCY

PETE WILSON, *Governor*

DEPARTMENT OF CONSERVATION

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

1000 SOUTH HILL ROAD, SUITE 116
VENTURA, CALIFORNIA 93003-4458
(805) 654-4761
TELEFAX (805) 654-4765

August 3, 1994

James R. Weddle, Agent
DKM OFFSHORE ENERGY, INC.
1400 EASTON DRIVE, SUITE 133
BAKERSFIELD, CA 93309

RE: Surface Inspections
Newhall Potrero Field

Dear Mr. Weddle:

On July 29, 1994, surface inspections were conducted on the wells listed below:

| | |
|---|---|
| "Rancho San Francisco" | 50 |
| " | 55 |
| " | 20 |
| " | 22 |
| " | 41 |
| " | 27 |
| " | 31 |
| " | 33 |
| " | 36 |
| " | 38 |
| " | 42 |

The surface inspections for these wells are not approved. The cellars, flow lines, wellheads and scrap metal must be removed and the well sites return to grade. Any contaminated soils must be removed and disposed of properly.

Please notify this office when the surface work has been completed so that a re-inspection can be scheduled. A "Final Letter", which documents approval of the abandonment work will be issued for each of these wells after the surface work has been approved.

Sincerely,

Patrick J. Kinnear
Deputy Supervisor

PJK:SPM

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator DKM Offshore Energy, Inc. Field or County Newhall Potrero - Los Angeles
Well RSF #50, Sec 26, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-12863 Name Claude D. Fiddler (Person submitting report) Title Agent (President, Secretary or Agent)
Date June 28, 19 94

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

**History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

**Date**

4/15/94 MIRU. N/D tree, N/U BOPE, laid down 2-7/8" tubing, ran 2-7/8" working string to 7,658 ft tagged fill, POOH to 7,298 SIW.

4/18/94 Filled well with lease water RIH to 7,658 ft reverse circulated well clean. POOH laid down 2-7/8" tubing, N/D BOPE N/U tree.

5/2/94 MIRU coil tubing unit (CTU). Ran in hole W/CT to 7,658 ft. Set class "G" cement plug with 85 SX (98 CF). POOH W/CT SIW.

'3/94 RIH W/CT tagged sement at 6,992 ft. Pumped 249 bbls mud into hole. Displaced with 13-3/4 BBLS water. Had returns to surface. RD CTU. SIW (Steve Mulqueen of DOGGR witnessed CMT tag and mud operation.)

5/5/94 MIRU perforating mast and lubricator. Jet perforated interval 710 ft to 712 ft with eight (8) 1/2" holes. POOH. RD perforators SIW.

5/11/94 MIRU CTU. RIH to 710 ft established 1/2 BPM injection rate at 600 psi. Displaced 109 SX class "G" cement (125 CF) through perforation. Pulled up hole to 50 ft down SQZD 80 CF class "G" CMT at 3/4 BPM rate into annulus final pressure 700 psi. POOH W/CT RD CTU SIW.

5/12/94 RUCTU. RIH tagged CMT at 707 ft. Steve Fields (DOGGR) approved 200 ft spot plug in 7" casing. Ran in well 50 CF class "G" CMT. Displaced with lease water. Returns to surface. POOH RD CTU. RU perforating mast and lubricator shot eight (8) 1/2" holes at 100 ft. POOH RD perforator SIW.

5/13/94 RUCTU. RIH W/CT tagged CMT at 478 ft. Pumped 15 BBC mud to 100 ft. Faciba Neese (DOGGR) witnessed tag and mud. Pumped 126 SX (145 CF) class "G" CMT. Returns to surface. WOC. Filled hole with CMT to surface. RD CTU.

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GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P294-93

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
-- (new pool code)
05 (old pool code)

James R. Weddle, Agent
DKM Offshore Energy
1400 Easton Drive, Suite 133
Bakersfield, CA 93309

Ventura, California
April 4, 1994

Your _____ proposal to abandon well "Rancho San Francisco" 50, A.P.I. No. 037-12863, Section 26, T. 4N, R. 17N, S.B. B.&M., Newhall-Potrero field, -------- area, 3 pool, Los Angeles County, dated -------, received 4/1/94, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 7655'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs./cu. ft and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. This office shall be consulted before deviating from the proposed abandonment program.
6. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plugs at 7247'.
   b. To witness the mudding of the well.
   c. To witness the squeeze-cementing of the 7" casing through the perforations at 710'.
   d. To witness the location and hardness of the cement plugs at 610'.
   d. To witness the placing of the surface plug inside the 7" casing and the plug in the 7" x 13 3-8" casing annulus.

SAF:sf
Blanket Bond

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (Modified 1993)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

500/00/05 1-2-3

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well RSF #50, API No. 037-12863, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall Potrero Field, Los Angeles County, commencing work on April 26, 19 94.

The present condition of the well is:

1. Total depth 7669'
2. Complete casing record, including plugs and perforations (present hole)

   See Attached Wellbore Sketch

3. Last produced 4/78 (Date) 123 (Oil, B/D) 120 (Gas, Mcf/D) 0 (Water, B/D)

   or

4. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of fresh water sands 710'

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

See Attached Abandonment Work Program

RECEIVED
APR 01 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 7130 S. Lewis, Ste. 700 (Street)
Tulsa (City) OK (State) 74136 (Zip)
Telephone Number (918) (Area Code) 491-4114 (Number)

DKM Offshore Energy, Inc. (Name of Operator)
By Lee C. Francis (Print Name)
Cover letter signed (Signature) (Date)

OG108 (5/90/GSR1/5M)

DKM OFFSHORE ENERGY, INC.
ABANDONMENT WORK PROGRAM
RSF #50
SECTION 26, T4N R17W S.B.B.&M.
NEWHALL-POTRERO FIELD
LOS ANGELES COUNTY, CALIFORNIA

(1) Move in abandonment rig and equipment. Bleed pressure off casing. Nipple up BOP. Notify the CDOG that work has commenced.

(2) Pickup 3¾" bit and tubing. TIH and clean out liner to 7655'. TOOH. If problems arise in cleaning out liner, notify CDOG and Tulsa Office immediately. RD Abandonment rig move to next well.

(3) RU Fleet cementers Coil Tubing Unit. RIH to bottom of liner. Mix and pump to circulate 85 sx Class G cement (15.6 ppg, yield 1.15) top of cement should be 7200' based on a calculated volume of 80 cubic feet with 20% excess.

(4) Pull up to top of cement plug and reverse circulate clean . POOH and RD Fleet CT Unit and move to next well.

(5) RU KFE, Inc. Wireline truck and mast pole. RIH and perforate 8 holes (3/8") @ 710'.

(6) RU Fleet CT Unit. TIH and tag cement plug @ 7200' (witnessed by CDOG). Circulate to fill casing above cement plug to 710' with CDOG approved plug mud.

(7) Pull CT up to 800'. Mix and circulate to spot 125 sx Class G (15.6 ppg, yield 1.15). Volume is calculated to fill 200' in 7"/11" annulus and leave 200' in casing. Pull up above cement and circulate casing full of CDOG approved plug mud. Pump mud to braden head squeeze to raise 200' of cement in annulus. (Ensure annulus is full of mud so that plug will balance).

(8) Rig down fleet coil tubing and move to next well.

(9) After WOC, RU KFE, Inc. and RIH and perforate 8 holes @ 100'.

(10) RU Fleet coil tubing RIH and tag cement plug at 510' (witnessed by CDOG).

(11) Mix and pump 85 sx Class G (15.6 ppg, yield 1.15). Circulate to surface in 13 3/8"/7" annulus and leave 100' cement plug in 7" casing.

(12) Cut off casing 4' below grade and cap in accordance with CDOG regulations.

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12863

11

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. June 19, 1945

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #50 -, Sec. 26, T. 4 N, R. 17 W, SB & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3953.50 feet ~~N~~ S., and 6708.17 feet E. or ~~W~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is Kelly Bushing 1240 / 1237 feet.
~~ground~~ Concrete mat 1231.25

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7400 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.50 | Smls.slip jt. | 240' | Cemented |
| 7" | 23 & 30 | J-55 & N-80 | 7400 | " |
| 5½" | 17 | N-80 | 7620 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

Barnsdall Oil Company
(Name of Operator)

Telephone number RI 5171

By R. E. Foss,
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

CC PAW

18A 6-25-45
JLW.

FORM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off
(FORMATION TESTER)

No. T 1-45041

Los Angeles 14, Calif. March 7, 1946

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:
Your well No. "Rancho San Francisco" 58, Sec. 26, T. 4 N., R. 17 W., S.B. B. & M. Newhall-Potrero Field, in Los Angeles County, was tested for water shut-off on March 4, 1946. Mr. Paul Betts, Inspector, designated by the supervisor, was present as prescribed in Sec. 3222 and 3223, Ch. 93, Stat. 1939; there were also present E. Herring, Drilling Foreman, and J. R. Brinley, Driller.

Shut-off data: 7 in 23 & 26 lb. casing was cemented at 7380 ft. on February 28, 1946 in 11" hole with 600 sacks of cement of which 18 sacks was left in casing.
Casing record of well: 13-3/8" cem. 214'; 7" cem. 7380', W.S.O.

Reported total depth 7385 ft. Bridged with cement from xxx ft. to xxx ft. Cleaned out to 7385 ft. for this test. A pressure of xxx lb. was applied to the inside of casing for xxx min. without loss after cleaning out to xxx ft. A Johnston tester was run into the hole on 3-1/2 in. drill pipe, with xxx ft. of water cushion, and packer set at 7349 ft. with tailpiece to 7367 ft. Tester valve, with 3/8" bean, was opened at 1:45 p.m. and remained open for xxx hr. and 33 min. During this interval there were light puffs for 6 minutes; dead for the balance of the test.

THE INSPECTOR ARRIVED AT THE WELL AT 6:00 P.M. AND MR. HERRING REPORTED:

1. An 11" rotary hole was drilled from the surface to 214', opened to 17-1/2" from the surface to 214'.
2. On January 16, 1946, 13-3/8", 52.74 lb. casing was cemented at 214' with 250 sacks of cement.
3. An 11" rotary hole was drilled from 214' to 7385'.
4. Seven inch casing was run and cemented as noted above.
5. A Johnston tester was run as noted above.

THE INSPECTOR NOTED:

1. When the drill pipe was removed 25' of medium drilling fluid was found in the drill pipe above the tester, equivalent to 0.1 bbl.
2. The recording pressure bomb chart showed that the tester valve was open for the duration of the test.

The test was completed at 7:00 p.m.

THE SHUT-OFF IS APPROVED.

PWB:OH

cc- Company

R. D. BUSH, State Oil and Gas Supervisor

By H Mussen, Deputy
ma

50045 10-45 12,500 SPO

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL ANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator Barnsdall Oil Company Field Newhall Potrero

Well No. Rancho San Francisco #50-3 Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Location 3953.50'S.&6708.17'E.from Cor."J" Elevation of derrick floor K.B. 1240, ground 1237, above sea level 1231.25 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 9-23-46 Signed R. E. Foss

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 1-14-46 Completed drilling 3-15-46 Drilling tools ~~Cable~~ Rotary

Total depth 7669 Plugged depth - GEOLOGICAL MARKERS DEPTH

Junk None

Commenced producing 3-18-46 (date) ~~Flowing~~/gas lift ~~/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 95 | - | 1.0% | - | 110#-1650# | 570#-167 |
| Production after 30 days | 176 | 32.6 | 0.2 | 252 | 60# | 420# |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemen if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 214 | Surface | 52.74# | New | Smls. | J55 | 17½" | 250 | |
| 7" | 7380 | " | 23-26# | " | " | J55&N80 | 11" | 600 | |
| 5½" | 7655 | 7347 | 15.87# | " | " | N80 | 7" | - | |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 7419 ft. | 7454 ft. | 100 H x 2" | 6 | 6" | Shop |
| | 7509 ft. | 7655 ft. | " | 6 | 6" | " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Electrical Log Depths 214' to 7669' (Attach Copy of Log)

FORM 103.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Barnsdall Oil Company FIELD Newhall Potrero

Well No. Rancho San Francisco 50-3 Sec. 36, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Ford

Date 9-23-46 Title Agent
(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. **Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production.** Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

| Date | |
|---|---|
| 1946 | |
| 1-14 | Spudded in. Drilled 11" hole. Depth 244'. Opened 11" hole to 17½" to 214'. Cmtd. 13 3/8" 52.74# csg. at 214' with 250 sacks Colton Const. cmt. containing 2% gel. All treated. |
| 1-17 | Drilled out with 11" bit. Found top of cement at 201'. |
| 2-27 | Depth 7307'. Ran electric log. |
| 2-28 | " 7380'. Cemented 7" 23# and 26# casing at 7380' with 600 sacks Victor Modified oilwell cmt. |
| 3- 3 | Found top of cmt. at 7279'. Drilled out with 6 1/8" bit to 7385'. |
| 3- 4 | Ran Johnston tester - set at 7349' with tailpc. to 7367'. Valve open 35 mins. thru 3/8" btm. bean. Puff 1 min. Very occ. lt. head 5 min., Dead 27 mins. Recovered 25' drilling fluid. Test witnessed and WSO approved by Paul Betts of DO&G. |
| 3- 5 | Drilled and cored ahead with 6 1/8" bit. |
| 3-11 | Depth 7669'. Ran electric log. Underreamed 6 1/8" to 7", 7383-7663'. |
| 3-15 | Hung 5½" 16.87# N80 liner at 7655' with top of hanger at 7347'. 100 M perf. intervals 7419 to 7454', and 7509 to 7655'. |
| 3-16 | Ran 2½" E.U. tubing landed at 7645'. Changed from mud to water to oil. |
| 3-17 | Reran 2½" E.U. & 2½" F.J. tubing with packer, side hole choke and 4 Guiberson gas-lift valves. Packer at 7275', and bottom at 7615'. |
| 3-18 | Kicked well over with gas. |

| | Rate | Cut | Grav. | Bean | T.P. | C.P. | G.O.R. |
|---|---|---|---|---|---|---|---|
| Strt. Gas-Lift | 94 B/D | 1.6% | - | - | 110-1650# | 570-1675# | - |
| 3-19" " " | 153 | 10.0 | 33.6 | 22/64 | 440-550# | 620-700# | - |
| 4-18 Intermtng. | 176 | 0.2 | 32.6 | 60/64 | 60# | 420# | 1432 |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

James R. Weddle, Agent
DKM OFFSHORE ENERGY
1400 Easton Drive, Ste. 133
Bakersfield, CA 93309

Ventura, California
May 18, 1994

Your report of plugging and abandonment of well "Rancho San Francisco" 52, A.P.I. No. 037-12865, Section 26, T. 4N, R. 17W, SB B.&M., Newhall Potrero field, Los Angeles County, dated November 27, 1992, received November 30, 1992, has been examined in conjunction with operations witnessed and records filed in this office. We have determined that all of the requirements of this Division have been fulfilled.

tkc
cc: Conservation Committee
Update

WILLIAM F. GUERARD, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear, Deputy Supervisor

OGD159 (6/92)

LSE & NO "Rancho San Francisco" 52-33A
MAP 250

DKM

| | (1) | (2) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | DRILL | CONVERT TO W.F. | Abd. | Abd | | |
| NOTICE DATED | 1-11-46 | 6-28-74 | 4-5-92 | 11-27-92 | | |
| P-REPORT NUMBER | 1-41614 | 274-274 | 292-117 | 292-389 | | |
| CHECKED BY/DATE | | | | | Spot Loc | |
| MAP LETTER DATED | 1-14-46 | 10-25-75 | | 8-7-93 | 9-11-04 | |
| SYMBOL | | | | + | DKM | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 1-14-46 | | 7-5-74 | | 4-24-92 | | 11-30-92 | | | | | |
| HISTORY | 12-3-47 | | 10-16-74 | | | | 7-15-93 | | | | | |
| SUMMARY | 12-3-47 | | | | | | | | | | | |
| IES/ELECTRIC LOG | 5-2-46 | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | 6-1-46 | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | ✓ | | | | | | ✓ 7-15-93 | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: Sfc insp OK 4-14-94 FRW

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 15 1993
VENTURA, CALIFORNIA

## History of Oil or Gas Well

**Operator:** DKM Offshore Energy, Inc. **Field:** Newhall-Potrero **County:** Los Angeles
**Well:** "Rancho San Francisco" 52 **Sec.** 26 , T 4N , R 17W , S.D. B.&M.
**A.P.I. No.:** 037-12865 **Name:** Bradford A. DeWitt **Title:** Agent
**Date:**

**Signature** Bradford A. DeWitt

1400 Easton Drive, Suite 133 Bakersfield, CA 93308 (Address)

805/395-3029 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

1993

02-02 MIRU. Remove tree. Install and test BOPE. Build floor. Pull and lay down 10 joints 2-7/8 inch tubing. Make up 2-3/8 inch 45° mule shoe on 2-3/8 inch Hydrill tubing. RIH (measuring) with 750 ft of 2-3/8 inch Hydrill tubing.

02-03 Pick up and RIH (measuring) with 2-7/8 inch tubing with 750 ft of 2-3/8 inch Hydrill on bottom. Run through junk packer at 7,488 ft. Tagged fill at 8,004 ft in 5-1/2 inch liner. Circulated well clean to 8,171 ft (bottom of liner). Rig up B.J. Services and pump 97 sacks (112 cu ft) of Class G neat cement from 8,171 ft to 7,486 ft. Pull tubing up to 6,800 ft and reverse circulate tubing clean.

02-04 RIH with workstring, tag top of cement at 7,787 ft (witnessed and approved by DOG representative Fariba Neese). RIH with workstring to 7,787. Pump 60 sacks (69 cu ft) Class G neat cement with 2% CaCl from 7,787 ft to 7,448 ft. Pull tubing up to 7,000 ft and reverse circulate tubing clean. WOC. RIH with workstring, tag top of cement at 7,408 ft (witnessed and approved by DOG representative Fariba Neese). Pressure tested 7 inch casing to 1,200 psi O.K. Spot 244 bbls of 9.6 ppg clay base mud from 7,408 ft to 1,200 ft.

02-05 POOH with 2-7/8 inch and 2-3/8 inch tubing. Rig up Grayson, shoot 6 jet holes in 7 inch casing at 146 ft (mat) and cavity shot in 7 inch casing at 1,200 ft (KB). RIH with 2-7/8 inch tubing to 1,211. Pump 58 sacks (62 cu ft) of Class G neat cement with 3% CaCl from 1,211 ft to 900 ft. Pull workstring up to 476 ft and reverse circulate clean. WOC. RIH with workstring, no tag. Reverse circulate approximately 15 cu ft contaminated cement out of hose. Pump 58 sacks (67 cu ft) Class G neat cement from 1,211 ft to 900 ft. Pull workstring to 476 ft and reverse circulate tubing clean.

02-08 RIH with workstring, tag top of cement at 951 ft (witnessed and approved by DOG representative Steve Mulqueen). Spot 31 bbls 9.6 ppg clay base mud from 951 ft to 154 ft. RIH with workstring to 181 ft. Pump 144 sacks (166 cu ft) Class G neat cement through holes at 146 ft filling 7 inch x 13-3/8 inch annulus from 181 ft to surface (pumping witnessed by DOG representative Steve Mulqueen). RDMO.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS
AND GEOTHERMAL RESOURCES

No. T293-037

# REPORT ON OPERATIONS

James R. Weddle, Agent
DKM Offshore Energy, Inc.
1400 Easton Drive, Suite 133
Bakersfield, CA. 93309

Ventura, California
March 2, 1993

Your operations at well "Rancho San Francisco" 52, API No. 037-12865, Sec. 26, T. 4N, R. 17W, S.B.B.&M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 2-8-93. Stephen Mulqueen, representative of the supervisor, was present from 0800 to 1030. There were also present Von Fortenberry.

Present condition of well: 13 3/8" cem 257'; 7" cem 7750' WSO, cp 154', cav shot @ 1500'; 5 1/2" ld 7736'-8171', perf 7700'-8138'. TD 8173'. Plugged w/cem 8171'-7408', 1211'-951' & 155'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

SF:SM:nr

WILLIAM F. GUERARD, Jr.
Acting State Oil and Gas Supervisor

By
Patrick J. Kinnear
Deputy Supervisor

OG109

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | BB | 12-7-92 ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Rancho San Francisco" 52, API No. 037-12865, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

commencing work on _____, 19____.

The present condition of the well is:

1. Total depth 8173'; PBTD 7790'

2. Complete casing record, including plugs and perforations (present hole)

13-3/8", cem @ 257'; 7", 23 & 26# cem @ 7750';
5-1/2", 17# 7736' to 8171'; 1 1/4" HPF 7770' to 8138'

3. Last produced January 1974 (Date) 16/NM/19 (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected Unknown (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows

6. Stratigraphic markers

7. Formation and age at total depth

8. Base of fresh water sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

1. Pull tubing from 310'.
2. Set cement retainer at 7440'. Squeeze 108 sacks cement* below junk packer at 7448'.
3. Place 90 sacks of cement on top of retainer at 7440'.
4. Shoot 8 1/2" holes at 1200'. Cement squeeze 68 sacks into annulus. Place cement plug from 1000' to 1200'.
5. Recover 7" casing from surface to 157' to facilitate future grading. Place cement plug from 167' to surface.
6. Cut off 13-3/8" casing at cellar floor. Weld 3/8" steel plate on top of 13-3/8" casing. Backfill and grade location.

* DOG to witness all cementing and mudding operations.
* All cement will be API Class G with 50% sand.
* All portions of hole not cemented will be filled with clay or water base mud with 25 lb/100 sq. ft. gel shear and minimum density of 72 lb/cu ft.

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1400 Easton Drive, Suite 133 (Street)
Bakersfield, CA 93309 (City) (State) (Zip)
Telephone Number ( ) 805/395-3029 (Area Code) (Number)

DKM Offshore Energy, Inc. (Name of Operator)
By Bradford A. DeWitt (Print Name)
Bradford A. DeWitt 11/27/92 (Signature) (Date)

OG108 (10/85/DWRR/5M)

TIDELANDS OIL PRODUCTION COMPANY
PROGRAM TO ABANDON WELL NO. 052-RSF

April 16, 1992

**TO:** W. H. Garrison

**FROM:** C. C. Phillips

**SUBJECT:** Well No. 052-RSF, Third Zone, Newhall Potrero Field. Recommendation to Abandon.

**PROBLEM:**

Well No. 052-RSF is currently idle, uneconomic.

**RECOMMENDATION:**

It is recommended that the surface site be abandoned.

**DISCUSSION:**

Well 052-RSF was originally completed in April, 1946, as a Third Zone producer. The well produced, flowing, without any major problems until April, 1964, when rod pumping equipment was installed. In January, 1974 the well was converted to water injection.

This well is in a ridge area that is to be graded at least 100′ below the current elevation. To accommodate future construction, Newhall Land and Farming requested that the surface plug be placed to at least 25′ below the expected grade. There is a 7" collar at 148′ below the mat. The casing will be recovered to that depth and the plug will be placed from 10′ inside the 7" casing to the surface.

# PROGRAM TO ABANDON WELL NO. 052-RSF

(All depths refer to derrick floor, 8.5′ above mat)

**LOCATION:**

Surface Site (Legal Coordinates): 3241′ South and 6153′ East from corner "J".

**CASING RECORD:**

| | | |
|---|---|---|
| 13-3/8", 54.50 lb. | | cemented at 257′. |
| 7", 23.00 lb. | | from 19′ to 1162′, N-80 and from 1162′ to 4838′ is J-55 and 4838′ to 6848′ is N-80. From 6848′ to shoe at 7750′ is 7", 26.00#, N-80. Calculated TOC is estimated at 6035′. Top joint is 26.00#. |
| 5-1/2", 17.00 lb. | | landed at 8171′, top at 7736′. **Plugged with gravel to 7990′**. |
| Blank: | 7736′ to 7770′ | Includes Baash-Ross "Spring type" liner hanger (no seal). |
| Perfs: | 7770′ to 8138′ | 192, 1/4" round holes per foot, 16 rows, 1" centers under cut to 13/32" by Western perforating. |

**BAKER RETRIEVA "D" PACKER SET IN 7", 26# CASING AT 7448′.**

**BASE OF FRESH WATER SANDS:** 1167′

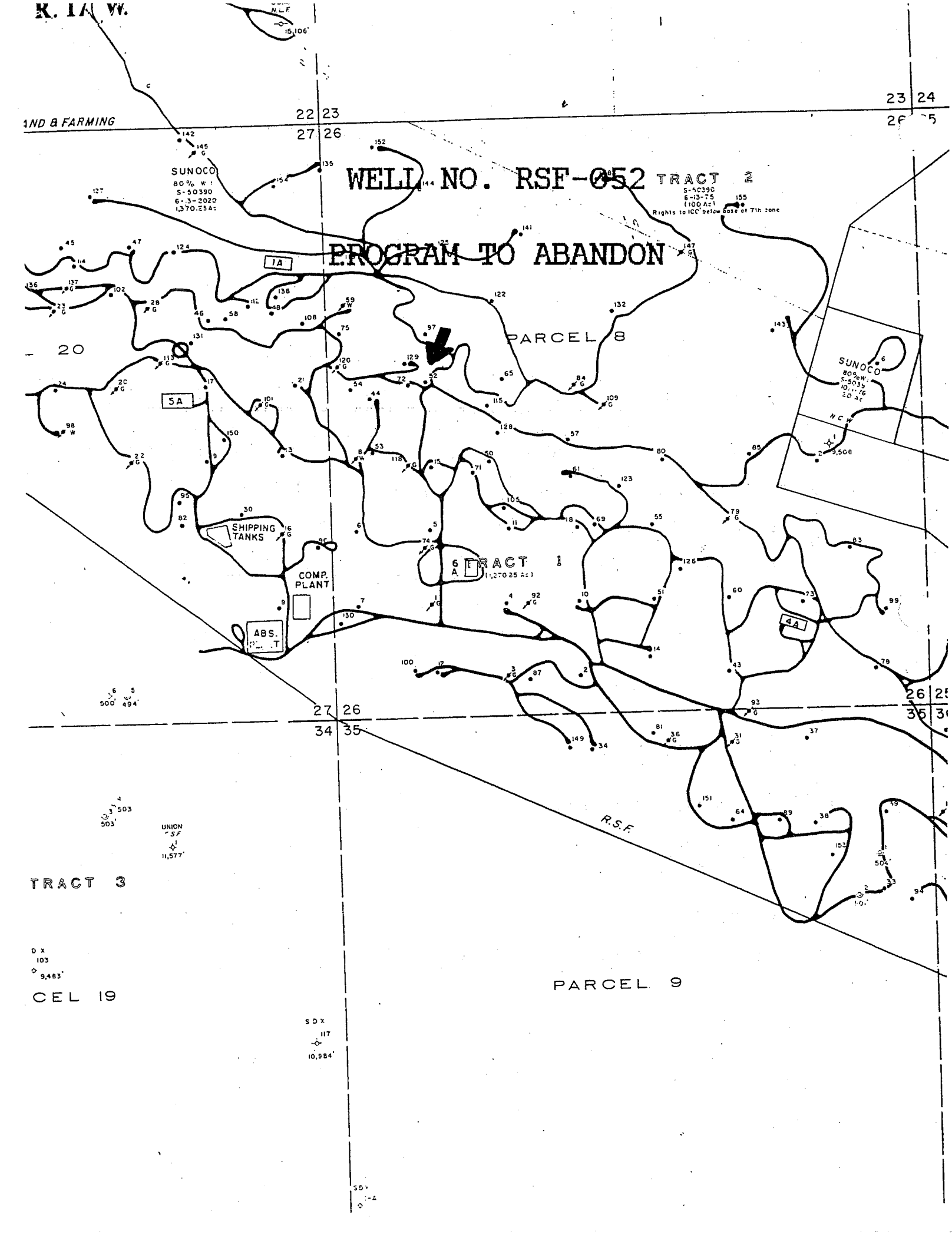
**TOP OF 123 ZONE:** 7087′

**TUBING RECORD:** See attached tubing record.

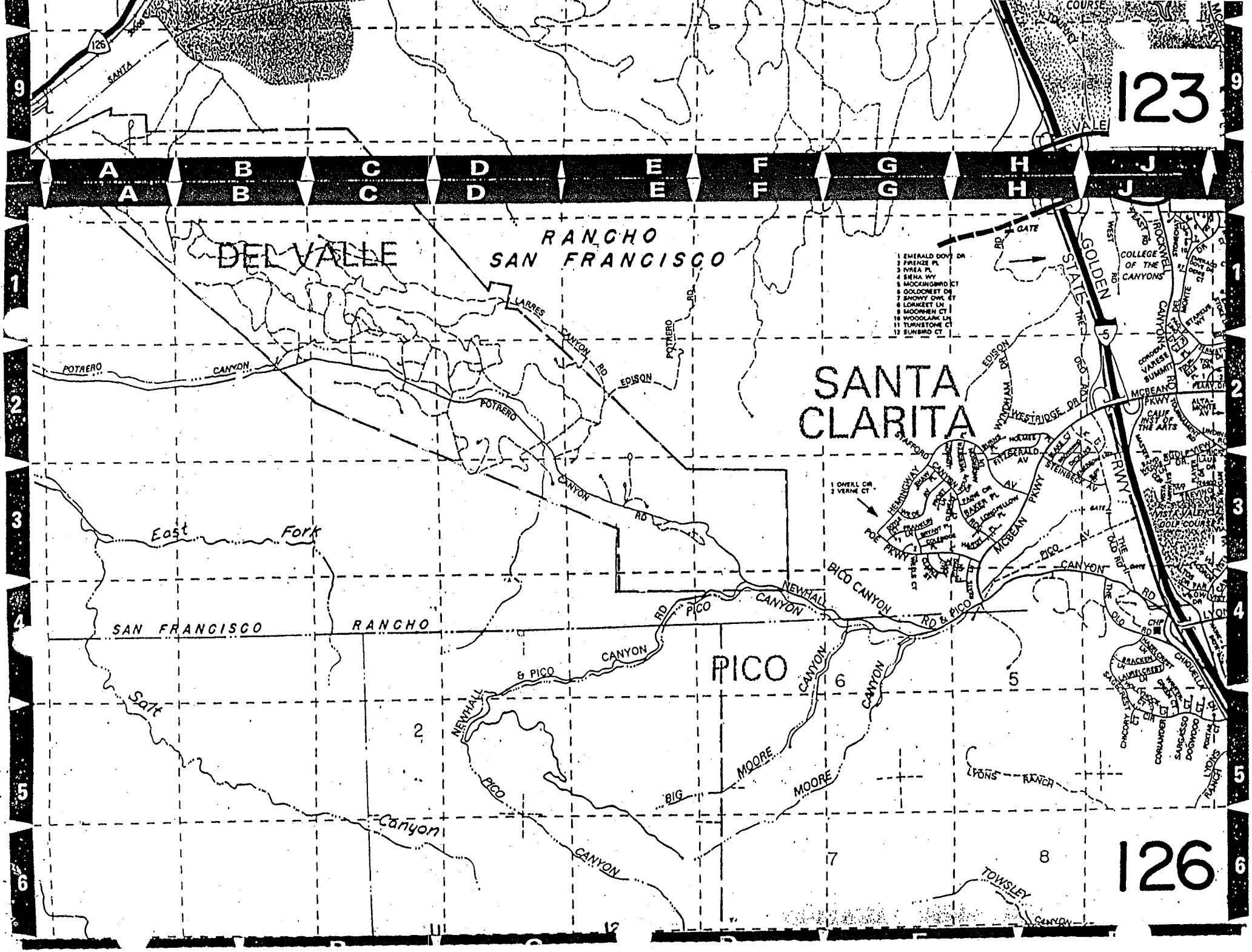
**TOTAL DEPTH:** 8173′

**HOLE SIZE:**

0′ to 257′ is 17-1/2" hole.
257′ to 8173′ is 11" hole.



R. 17 W.
WELL NO. RSF-052
PROGRAM TO ABANDON
AND & FARMING
SUNOCO
80% W
S-50390
6-3-2020
1,370.25 Ac
TRACT 2
S-50390
6-13-75
(100 Ac)
Rights to 100' below base of 7th zone
PARCEL 8
SUNOCO
80% W
S-5039
10-1-76
20 Ac
SHIPPING TANKS
COMP. PLANT
ABS. PLANT
TRACT 1
(1,370.25 Ac)
R.S.F.
TRACT 3
UNION
PARCEL 9
CEL 19


123
126
DEL VALLE
RANCHO SAN FRANCISCO
SANTA CLARITA
PICO
SAN FRANCISCO RANCHO
East Fork
Salt Canyon
POTRERO CANYON
LARRES CANYON RD
EDISON
POTRERO RD
NEWHALL CANYON
PICO CANYON RD & PICO
BIG MOORE CANYON
MOORE CANYON
LYONS RANCH
TOWSLEY CANYON
GOLDEN STATE FRWY
COLLEGE OF THE CANYONS
CALIF INST OF THE ARTS
VISTA VALENCIA GOLF COURSE
1 EMERALD DOVE DR
2 FIRENZE PL
3 IVREA PL
4 SIENA WY
5 MOCKINGBIRD CT
6 GOLDCREST DR
7 SNOWY OWL CT
8 LORIKEET LN
9 MOORHEN CT
10 WOODLARK LN
11 TURNSTONE CT
12 SUNBIRD CT
1 ONEILL CIR
2 VERNE CT
A B C D E F G H J
1 2 3 4 5 6 7 8 9

FORM 103

SUBMIT IN DUPLICATE

△ OSP

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
OCT 16 1974
SANTA PAULA, CAL.

## History of Oil or Gas Well

OPERATOR SUN OIL COMPANY (DELAWARE) FIELD Newhall-Potrero

Well No. Rancho San Francisco #52-33A, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Date October 15, 19 74 Signed S M Burns

S. M. Burns, Dist. Prod. Mgr.

23928 Lyons Avenue
Newhall, California 91321 (805) 259-2440 Title Agent

(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

| Date | |
|---|---|
| | Conversion to WIW |
| 1974 | |
| 7/13 | MIRU. Pulled rods. Set BOE. Pulled tbg, made up Baker scraper. Ran scraper to 7489'. Scrapped to 7637'. POH. |
| 7/14 | Rigged up McCollough. Ran Baker Retrieva "D" packer at 7448'. Rig out McCollough tested tbg in hole w/4500#. RD. Drop from report pending water injection. |
| 7/16 | Pressure tested annulus. Packer held. Test approved by DOG. |
| 9/3 | Geotex ran RA tracer, temperature, spinner, injection profile survey. Injection was confined below 7770'. Approved by DOG. |

FORM 109

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Report on Operations

No. T 274-315

Mr. Phillip T. Wall, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, California 91321
(037-12865)

Santa Paula, Calif.
September 13, 1974

DEAR SIR:

Operations at well No. "Rancho San Francisco" 52-33A, Sec. 26, T. 4N, R. 17W, S.B. B & M. Newhall-Potrero Field, in Los Angeles County, were witnessed on Sept. 3, 1974. Mr. L. Bright, representative of the supervisor was present from 1600 to 1630. There were also present Mr. K. Lyon, engineer

Present condition of well: No additions to casing record since Report No. T274-267.

The operations were performed for the purpose of demonstrating that the injected fluid is confined to strata below 7770'.

Mr. _____ reported:

THE OPERATIONS WITNESSED ARE APPROVED AS INDICATING THAT THE INJECTED FLUID IS CONFINED TO STRATA BELOW 7770' AT THIS TIME.

b

JOHN F. MATTHEWS, JR.
State Oil and Gas Supervisor

By [signature] Deputy

59471-705 1-72 20M ② OSP

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
JUL 5 1974
SANTA PAULA, CAL

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. June 28 19 74

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San Francisco 52-3~~5~~4 (Cross out unnecessary words), Sec. 26, T. 4N, R. 17W, SB B. & M.

Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 8173

2. Complete casing record, including plugs:
   13 3/8" x 52.74 # J-55 at 257' w/250 sx
   7" x 23 # 826 # N-80 & J-55 at 7750 w/ 600 sx
   5½" x 16.87 # N-80 & J-55 Liner 7735' to 8171"
   PERFS: 7770-7820, 7850 - 7977, 7792 - 8012,
   8820 - 8138 w/ 192 x ¼" holes 1 ft.
   16 rows, 1" centers

3. Last produced. 1-26-74 (Date) 16 (Oil, B/D) 19 BD (Water, B/D) (Gas Mcf/D)

The proposed work is as follows:

1. Pull production tubing
2. Run tbg w/ injection packer, set packer 100' above liner.
3. Connect to WI system. Begin injection.
4. After well has stabilized, run ratracer & spinner survey.
5. If profile is okay, load annulus w/ treated water.
6. If profile is not okay, spot cement plug 8088 to 7977'.
7. Run ratracer & Spinner survey.
8. Load annulus with treated water.

| MAP | MAP BOOK | CARDS | BOND | FORM 114 | |
|---|---|---|---|---|---|
| | | | B B | ✓ | ✓ |

23928 Lyons Avenue
Newhall, California 91321
(Address)
(805) 259-2440
(Telephone No.)

SUN OIL COMPANY (DELAWARE)
(Name of Operator)
By J M Burns

24226-705 8-68 15M OSP

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL T LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA NLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 3 - 1947
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco 52-3 Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Location 3240.91'S.&6152.74'E.from cor."J" Elevation of ground or kelly bushing above sea level 1280' / conc. mat 1271.50' feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 11-28-47 Signed R. E. Fors.

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 1-18-46 Completed drilling 4-12-46 Drilling tools Rotary

Total depth 8173' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 4-19-46 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 403 | | 1.2 | | 175 | 1275 |
| Production after 30 days | 269 | 32.8 | 6.4 | 193 | 340 | 1010 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforations |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8 | 257 | Surface | 52.74 | New | Smls. | J 55 | 17½ | 250 | |
| 7 | 7750 | " | 23 & 26 | " | " | N80 & J55 | 11 | 600 | |
| 5½ | 8171.00 | 7735.53 | 16.87 | " | " | " " | " | | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 7735.53 ft. | 8171.00 ft. | 192-¼" holes per ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 121

Electrical Log Depths 8173' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
DEC 3 - 1947
LOS ANGELES, CALIFORNIA

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL POTRERO

Well No. Rancho San Francisco 52-3, Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Signed R. C. Fries

Date December 1, 1947 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1946 | |
| 1-18 | Spudded in with 11" bit. |
| 19 | Depth 275'. Opened hole to 17½" from o' to 257'. Cemented 13 3/8" 52.74#, J55 Smls. slip jt. casing at 257' with 250 sacks Colton const. cement with 2½% Aquagel. |
| 20 | Found top of cement at 246'. Drilled ahead with 11" bit. |
| 3-16 | Depth 7741'. Ran Schlumberger electric log to 7741'. |
| 28 | Depth 8044'. Ran Schlumberger electric log to 8044'. |
| 4-1 | " 8173'. " " " " " 8173'. Cemented 7" 23# & 26# casing at 7750', with 600 sacks VMOW cement 118# slurry. Laid 20' running plug to 7770' |
| 7 | Found top of cement at 7701.40', Float at 7704'. Drilled out to 7755'. |
| 8 | Ran Johnston tester. Packer set at 7743'. Tailpiece at 7726'. Valve open one hour thru 3/8" btm. bean. Light blow 5 min., strong blow 12 min., and moderate, steady blow 43 min. Recovered 7 stands med. drilling fluid and 28 stands oily gas cut mud.<br>Test witnessed and WSO approved by Paul Betts of DO&G.<br>Ran Sperry-Sun survey.<br>Drilled out cement and cleaned out to 8173'. |
| 9 | Depth 8173'. Hung 435.47' of 5½" 16.87# N80 & J55 Flush jt. liner at 8171', with top at 7735.53'. Perf. 7700.06' - 8137.83', with 192 - ¼" round holes per foot. |
| 11 | Hung 2½" production tubing at 8154.28'. |

| | GROSS | CUT | NET | GRAV. | BEAN | T.P. | C.P. | G/O |
|---|---|---|---|---|---|---|---|---|
| 4-12 | 408 B/D | 1.2% | 403 B/D | | | 175# | 2175# | 702 |
| 5-12 | 287 | 6.4 | 269 | 32.8° | 15/64" | 340 | 1010 | 717 |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12865

## Notice of Intention to Drill New Well

5

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. January 11, 19 46

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 52-3, Sec. 26, T. 4 N, R. 17 W, SB B. & M., Newhall Potrero Field, Los Angeles County.

Lease consists of

The well is 3240.91 feet ~~N.~~ or S., and 6152.74 feet ~~E.~~ or ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the K.B. / derrick floor / ground above sea level is 1280 / 1277 / 1271 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7500 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.50# | Smls.Slip Jt. | 240 | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 7500 | " |
| 5½" | 17 | N-80 | 7750 | Hung |
| | | | | |

Well is to be drilled with ~~X~~ rotary / ~~XXXX~~ cable tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.
Los Angeles, Calif.

Telephone number RI 5171

Barnsdall Oil Company
(Name of Operator)

By R. E. Foss
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18-A | 1-14-46 | | | | |

dupl

# SCHLUMBERGER

## WELL SURVEYING CORPORATION

037-12865 MEDALLION CALIFORNIA PROPERTIES CO.

COMPANY: [redacted]

FIELD: NEWHALL-POTRERO

WELL: R. S. F. 52-3

SEC. 26 T. 4 R. 17

COUNTY: LOS ANGELES STATE: CALIFORNIA

ELEV.: 1277' G. L.

RECEIVED
MAY 2- 1946
ERNEST K. PARKS

COMPANY: BARNSDALL OIL COMPANY
FIELD: NEWHALL-POTRERO
WELL: R. S. F. 52-3
COUNTY: LOS ANGELES
FILING NO.:

| RUN | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Date | 3-16-46 | 3-28-46 | 4-1-46 | | |
| Csg. shoe | 257 | 257 | 257 | | |
| Total depth | 7741 | 8044 | 8173 | | |
| Depth rchd. | 7741 | 8045 | 8173 | | |
| Ft. Meas. | 7484 | 304 | 128 | | |
| Mud Nat. | Mojave | Mojave | Chemical | | |
| Dens | 78# | 77# | 76# | | |
| Visc. | 30 | 35 | 27 | | |
| Res. | 2.8 @ 58°F. | 2.3 @ 66°F. | 2.7 @ 54°F. | | |
| Max. Temp. | -- | -- | -- | | |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | | |
| Tension | -- | -- | -- | | |
| Rig. Time | 1 1/4 hrs. | 5½ hrs. | 2 hrs. | | |
| Mileage | 102 mi. | 102 mi. | 102 mi. | | |
| Observer | F. Pehoushek | F. Pehoushek | B. Pugsley | | |
| Witnessed by: | | | | | |

### DIAMETER OF HOLE

13 3/8" - 257' 11"

### REMARKS

Little Gem Curve
Short Lateral OA : 9'
Long Lateral OA : 18'

Note: Below 3673' (0-80 ohms) scale

### RESISTIVITY

——— NORMAL CURVE ····· THIRD CURVE

20 -ohms m2m

### SELF-POTENTIAL

100

OPERATOR MEDALLION CALIF PROPERTIES A.P.I. 037-00070
WELL NO. "RANCHO SAN FRANCISCO" 53 SECTION 26, T. 4 N, R. 17 W
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | PLUG + ABD | | | | | |
| NOTICE DATED | 03/03/2003 | | | | | |
| P-REPORT NUMBER | P203-39 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 7-12-03 | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 03/03/03 | | | | | | | | | | | |
| HISTORY | 7-28-03 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | 7-10-03 | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE 8-4-03

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
TITLE WELL LIST
SURFACE INSP. CARD
REMARKS:

OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

25 59

# SCHLUMBERG

WELL SURVEYING CORPORATION

037-00070

COMPANY [illegible] OIL [illegible]

FIELD [illegible]

WELL [illegible]

SEC. 26 T. 4N R. 17W 12

COUNTY [illegible] STATE: CALIFORNIA

ELEV. [illegible]

DIVISION OF OIL AND GAS
RECEIVED
JUL 16 1948
LOS ANGELES, CALIFORNIA

MEDALLION CALIFORNIA PROPERTIES CO.
"Rancho San Francisco" 53-4
Sec. 26-4N-17W NEWHALL-POTRERO

25 59

| | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Date | [illegible] | [illegible] | 5-29-48 | |
| Distance | [illegible] | 7512 | 7512 | |
| Total Depth | 7512 | [illegible] | 8970 | |
| Depth Chd | 7511 | [illegible] | 8969 | |
| Fl. Meas. | 7285 | 948 | 509 | |
| Mud Nat. | Natural | Natural | Natural | |
| Gels | 30.5# | 35.5# | 84.5# | |
| Visc. | 44 | 38 | 30 | |
| Res. | — | 2.0 63°F. | 1.4 68°F. | |
| Max Temp | — | [illegible]°F. | 212°F. | |
| Measured from | Kelly Bush. | Kelly Bush. | Kelly Bush. | |
| Tension | — | — | — | |
| Rig Time | 4 1/2 hrs. | 1 3/4 hrs. | [illegible] hrs. | |
| Mileage | 102 mi. | 102 mi. | 102 mi. | |
| Observer | F. Pehoushek | F. Pehoushek | F. Pehoushek | |
| Witnessed by | | | | |

## DIAMETER OF HOLE

12 3/8" - 241'

7 3/8"

12 1/4" - 7512'

## REMARKS

Little Gem Curve
Short Lateral OA : 9' - - - - - - - - -
Long Lateral OA : 1[illegible]' . . . . . .

Note: (0-40 ohms) Scale below 5048'

| MAP | MAP BOOK | CARDS | BOND | FORMS |
|---|---|---|---|---|
| | | | | 20 |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

August 5, 2003

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 53,

A.P.I. No. 037-00070, Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field Los Angeles County,

dated July 16, 2003, received July 28, 2003, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:**

1. Surface plugging completed on July 8, 2003.
2. Site inspection made and approved July 10, 2003.

Hal Bopp
*State Oil and Gas Supervisor*

tkc

By
*(Signature of Deputy Supervisor)*

Bruce H. Hesson
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion Calif Properties Co  Field Newhall-Potrero  County Los Angeles
Well Rancho San Francisco No. 53  Sec. 26  T. 4N  R. 17W  S.B.B.&M.
A.P.I. No. 037-00070  Name S. W. VanNatta (Person submitting report)  Title Vice President of Engineering (President, Secretary, or Agent)

Date July 16, 2003 (Month, day, year)

Signature S. W. VanNatta

Address 7130 S. Lewis Ave, Suite 700, Tulsa, Oklahoma 74136  Telephone Number 918/488-8283

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 3/25/03 | MI & RU Service Rig. NU BOP's. WIH with 2 3/8" tubing to 5545'. |
| 3/26/03 | Finished GIH and tagged at 8924'. (PBD at 8968'.) DOGGR waived witness of clean-out. Mixed and circulated a 205 CF (50/50 POZMIX) cement plug on bottom. POOH to 4000'. |
| 3/27/03 | WIH with tubing to 6200'. Shut down rig due to high winds. |
| 3/28/03 | WIH and tagged TOC at 7270'. Pulled EOT to 7260'. Mixed and circulated a 205 CF (50/50 POZMIX) cement plug on bottom. Estimated TOC at 6013'. |
| 3/31/03 | WIH and tagged TOC at 6021'. Pulled EOT to 6018'. Circulated 68 barrels of 10.9 ppg (81.5ppcf) mud from 6021' up to 4875'. POOH. |
| 4/1/03 | ND BOP's and NU well head. RD & MO Service Rig. RU wireline truck and perforated from 4995' to 5000' with 4 JPF. Temporarily delayed operations. |
| 6/5/03 | Resumed operations. MI & RU Coiled Tubing Unit. Mixed and PI 67 CF of cement (50/50 POZMIX with 35% Silica Flour and 4% Gel). POOH. Estimated TOC at ±4800'. |
| 6/6/03 | Tagged TOC at 4833'. Circulated 222 barrels of 10.5 ppg (78.5ppcf) mud from 4833' up to 1100'. Displaced with 11.5 barrels of water. |
| 6/9/03 | RU wireline truck and perforated from 1100' to 1105' with 4 JPF. WIH with coiled tubing to 1100'. Could not PI perforation. |
| 6/10/03 | RU wireline truck and perforated from 1050' to 1055' with 4 JPF. |
| 6/11/03 | WIH with coiled tubing to 1100' and established an injection rate. Mixed and PI 110 CF of cement (50/50 POZMIX with 35% Silica Flour). POOH. Displaced cement slurry by PI 9.5 barrels of water into casing. Estimated TOC at ±950'. |
| 6/12/03 | Tagged TOC at 1030'. Mixed and displaced 27 CF of cement (50/50 POZMIX with 35% Silica Flour) from 1030' up to 950'. Pulled end of coiled tubing to 950'. Circulated 51 barrels of 10.5 ppg (78.5ppcf) mud from 950' up to 100'. POOH. |
| 6/14/03 | RU wireline truck and perforated from 95' to 100' with 4 JPF. |
| 6/17/03 | Mixed and pumped in perforations 150 CF of cement (50/50 POZMIX with 35% Silica Flour). Had good cement returns in 13 5/8" by 8 5/8" annulus. RD & MO Coiled Tubing Unit. |
| 7/8/03 | Dug out around wellhead and cut off casing 5 feet below ground level. Surface plug witnessed and approved by DOGGR. |
| 7/10/03 | Backfill location, clean location and complete site restoration. Witnessed and approved by DOGGR. |

RECEIVED
JUL 28 2003
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (6/97/GS5M
Printed on recycled paper.

**SUBMIT IN DUPLICATE**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T203-131**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Ventura, California
July 10, 2003

Your operations at well **"Rancho San Francisco" 53,** API No. **037-29964,** Sec. **2,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **07-08-2003.** **Anne Anderle,** representative of the supervisor, was present from **1330** to **1345.** There were also present **Alex Iwasiw**

Present condition of well: **13 3/8" cem 241'; 8 5/8" cem 7512' WSO, cp @ 95', 1045', 1095' & 4995'; 5 ½" cem 6247'-8968', WSO perfs @ 8219' & 8615', cp @ 7552', 7562', 8220', 8606', 8915' & 8630', perf 8315'-8455' & 8680'-8900', tight @ 6768'. TD 8970'. Plugged W/ cem 8970'-8920', 8865'-6021', 5000'-4833', 110'-950' & 95'-5'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

tkc

Hal Bopp
State Oil and Gas Supervisor

By _____
Bruce H. Hesson
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T203-065**

# Report on Operations

Bradford A DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA. 93308

Ventura, California
April 24, 2003

Your operations at well **"Rancho San Francisco" 53,** API No. **037-00070,** Sec. **26,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **03-31-2003.** **Steve Mulqueen,** representative of the supervisor, was present from **0900** to **1000.** There were also present **Harvey Howard.**

Present condition of well: **13 3/8" cem 241'; 8 5/8" cem 7512' WSO; 5 ½" cem 6247'-8968', perf 8219' WSO & perf 8615' WSO, cp 7552', 7562', 8220', 8606', 8615' & 8630', perf @ int 8315'-8455' & 8680'-8900', tight @ 6768'. TD 8970'. Plugged w/ cem 8970'-8920' & 8865'-6021'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

tkc

Kenneth P. Henderson
Acting State Oil and Gas Supervisor

By _____
Bruce H. Hesson
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P203-39

# PERMIT TO CONDUCT WELL OPERATIONS

814
(field code)

00
(area code)

—
(new pool code)

32
(old pool code)

Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Hwy.
Bakersfield CA 93308

Ventura, California
March 7, 2003

Your _____ proposal to plug and abandon well "Rancho San Francisco" 53, A.P.I. No. 037-00070 Sec. 26, T. 4N, R. 17W, SB B.&M., Newhall Potero field, ---------- area, 5th and 6th pool Los Angeles County, dated 03/03/03 received 03/03/03 has been examined in conjunction with records filed in this office.

## THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 8915'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72lbs.,cu. ft and a minimum gel shear strength of 25lbs./100 sq. ft.
5. In the event that perforations are shot at 1,100±, then sufficient cement shall be squeezed out the perforation to fill at least 100 liner feet outside the 8-5/8" casing.
6. Wellsite restoration shall be completed within 60 days after completion of plugging operations.
7. This office shall be consulted before deviating from the proposed abandonment program.
8. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To inspect the installed blowout prevention equipment prior to commencing downhole operations.
   b. To witness the location and hardness of the cement plug at 6174'.
   c. To witness the mudding of the well.
   d. To witness the squeeze-cementing of the 8-5/8" casing through the perforation at 5000'±.
   e. To witness the location and hardness of the cement plug at 4900'.
   f. In the event that perforation are shot at 1,100'±, then to witness the squeeze-cementing through the perforations.
   g. To witness the location and hardness of the cement plug at 1000'.
   h. To witness the placing of the cement in the 8-5/8" casing and all annuli.
   i. To inspect and approve the cleanup of the wellsite before approval of abandonment will be issued.

HARVEY / S. MUL QUEEN CO. @ 8924, PLACED CEM, TAG @ 7270
PLUG LOW WILL UPGRADE & CALL FOR TAG 3-28-03

SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

KENNETH P. HENDERSON
Acting State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

500
BD
32 5th/6th

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

P203-39

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | ✓ | 111 ✓ | 115 ✓ |

## DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 53, API No. 04-037-00070,

Sec. 26 T. 4N, R. 17W, S. B. B. & M., Newhall Potrero Field, Los Angeles County,

commencing work on March 24, 20 03.

The present condition of the well is:

1. Total Depth **See Attached Program**
2. Complete casing record, including plugs and perforations (present hole)

   **See Attached Program**

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

**SEE ATTACHED PROGRAM**

RECEIVED
MAR 03 2003
by VIA DOGGR

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 26835W. Pico Canyon Road (Street)
Newhall, CA 91321 (City) (State) (Zip)

Telephone Number (661) 254-2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

A B Iwasiw 3-3-03 (Signature) (Date)

# Medallion California Properties, Inc.
# Well: RSF No. 53
# API No.: 037-00070
# Sec 26, T4N-R17W
# Abandonment Program
# Field: Newhall Potrero

**Well History:** This well was originally completed in the 5th zone (8680 to 8900') on June 21, 1946. Perforations were added in May 1960 and April 1965 in the 4L and 5th zone (Refer to perforations below). The well was placed on Gas Lift in November 1978 and produced through December 1994. On December 15, 1999, this well was returned to production utilizing a plunger lift system. On November 27, 2001, it was converted to a down-hole pump well. It produced 100% water and has been idle since January 2002.

Medallion California Properties now proposes to abandon this well.

**Well Data and Mechanical Condition:**

| | | | |
|---|---|---|---|
| **T.D.:** | 8,970' | **Spud Date:** | 2/27/46 |
| **PBTD:** | 8,920' (Cement) | **Orig. Completions Date:** | 6/21/46 |

**Note:** On 10-14-94, tagged fill at 8,913' TM. On 11-15-01, bailed to 8,915' TM.

| | | |
|---|---|---|
| **Casing:** | 13-3/8", 52.7# J55 csg | 0' - 241', cmt'd with 250 sacks |
| | 8 5/8", 36# J55 & N80 csg | 0' – 7,512', cmt'd with 600 sacks.<br>Assuming an 11 ½" hole, TOC at 5,377'<br>Assuming an 12" hole, TOC at 5,737' |
| | 5 ½, 20# N-80 Liner | 6247' - 8968'<br>5-2-60: Milled out tight spot in 5 ½" Liner 6,768-69'. |

**W.S.O.:**
6-4-46: Perforated 4 3/8" holes at 7,552'.
5-31-46: Perforated 4 3/8" holes at 7,562'. Squeezed with 225 sacks cement.
5-5-60: Perforated 4 1/2" holes at 8,219'. WSO.
5-3-60: Perforated 4 1/2" holes at 8,220'. Squeezed with 66 sacks cement.
6-5-46: Perforated 4 3/8" holes at 8,606'. WSO. Squeezed with 2 sacks cement.
6-9-46: Perforated 4 3/8" holes at 8,630'.

**Original Perforations:** 6-13-46: 8,680 – 8,900' with 4 JPF in 5th Zone.



03/03/2003 12:51 8052548542 MEDALLION CALIFORNIA PAGE 05

**Additional Perforations:** 5-6-60: 8,380 – 8,455' with 4 JPF in 4L Zone.
8,680 – 8,830' with 4 JPF in 5th Zone.
4-15-65: 8,315 – 8,370' with 4 JPF in 4L Zone.

**Elevation:** All depths refer to K.B. measurements, 9.34' above the mat.

**Shallowest Hydrocarbon Zones:** Top of 3rd Zone = 7152'

**Work Program:**

1. MIRU Service Rig, install BOPE, GIH to ±8,915'.
2. Rig up cementers. Mix and pump sufficient volume of 50/50 Poxmix cement to fill from ±8,915' up to 6,147'.
3. Contact DOGGR to witness location and hardness of plug.
4. Spot 72#/ft3 clay base abandonment Mud from 6,147' up to ±5,000'. Mudding to be witnessed and approved by the DOGGR.
5. GIH with Perforating Gun and perforated four (4) feet with 4 JPF at ±5000'.
6. Rig up cementers. Mix, pump-in and squeeze (if necessary) sufficient volume of 50/50 Poxmix cement to fill from ±5,000' up to ±4,850' both inside and outside the 8 5/8" Casing.
7. Contact DOGGR to witness location and hardness of plug.
8. Spot 72#/ft3 clay base abandonment Mud from 4,850' up to ±1,100'. Mudding to be witnessed and approved by the DOGGR. RDMO Service Rig.
9. GIH with cavity shot or perforating gun and detonate at ±1,100'.
10. MIRU Coiled Tubing Unit. GIH with coiled tubing to ±1,100'.
11. Rig up cementers. Mix, pump-in and squeeze (if necessary) sufficient volume of 50/50 Poxmix cement to fill from ±1,100' up to ±950' both inside and outside the 8 5/8" Casing.
12. Contact DOGGR to witness location and hardness of plug.
13. Spot 72#/ft3 clay base abandonment Mud from ±950' up to ±100'. Mudding to be witnessed and approved by the DOGGR. RDMO Service Rig.
14. GIH with Perforating Gun and perforated four (4) feet with 4 JPF at ±100'.
15. GIH with Coiled Tubing to ±100' and circulate Class "G" cement to surface inside 8 5/8" casing. POOH with coiled tubing. Close well in and nipple up to wellhead. Begin pumping Class "G" cement through the perforations at ±100' and into the 8 5/8" x 13-3/8" casing annulus. Continue cement pumping until clean cement returns are achieved at surface.
16. Clean surface location, cut off casing five feet below ground level and weld on steel plate. DOGGR to witness plug prior to welding steel plate. DOGGR to make inspection of surface after the surface restoration work is complete.



03/03/2003 12:51 8052548542 MEDALLION CALIFORNIA PAGE 06

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

031- 00070

## Notice of Intention to Drill New Well 12

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. February 14 1946

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 53-5, Sec. 26, T. 4 N P.W.B. R. 17 W., SB B. & M., Newhall Potrero Field, Los Angeles County.

Lease consists of

The well is 3861.13 feet ~~N. or~~ S., and 5676.79 feet E. ~~or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ derrick floor above sea level is K.B. 1195 / 1192 / Conc. mat. 1185.66 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7200 3rd zone feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8 | 54 | J-55 slip jt. | 240 | Cemented |
| 8 5/8 | 32 & 36 | J-55 & K-80 | 7400 | " |
| 5½" liner | 20 | N-80 | 8750 | " |
| | | Top | 7300 | |

Well is to be drilled with ~~cable~~ rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. E. Ford
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 111 |
|---|---|---|---|---|---|
| 18A P.W.B. | 2-18-46 | | Blanket filed Feb 1 41 | | |

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
MAY 3 1960
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. April 29, 1960

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening~~, ~~redrilling~~, ~~plugging~~ or altering casing at Well No. "Barton & Eva Ferrenkeep"
(Cross out unnecessary words)

#53-5, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

1. Total depth. 8970'

2. Complete casing record.

13 3/8" 52.7# J-55 Csg. Cmt'd. at 241' w/250 sx.
8 5/8" 36# J-55 and N-80 Csg. Cmt'd. at 7512' w/600 sx.
shoe test - W.S.O.
5 1/2" 20# N-80 Liner hung at 8968' w/top of hanger at 6247'
Cmt'd w/175 sx.
4 - 3/8" Holes at 7552' - Pressure Tested
4 - 3/8" Holes at 7562' - Sq. w/225 sx.
4 - 3/8" Holes at 8615' - Sq. w/2 sx. W.S.O.
4 - 3/8" Holes at 8630' - Pressure Tested
4 - 1/2" Holes/ft. 8680'-8900'
Cmt. Plug inside 5 1/2" Liner 8920'-8968'.

3. Last produced. Presently Producing 45 (3-9-60) (Date) 41.2 (Net Oil) (Gravity) 3.0% (Cut)

The proposed work is as follows:

1. Kill well with oil.
2. Pull tubing and packer
3. Shoot 4 - 1/2" Holes at 8220' for W.S.O.
   a Use 1000' water cushion.
   b Notify Division of Oil and Gas to witness.
4. Perforate 4 - 1/2" Holes per foot 8380' to 8455'.
5. Complete well.

Sunray Mid-Continent Oil Company
(Name of Operator)

By [signature] Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

M 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUN 26 1947
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Barnsdall Oil Company Field Newhall-Potrero

Well No. Rancho San Francisco #53-5 Sec. 26, T. 4 N, R. 17 W, S. B.B. & M.

Location 3861.13' S. & 5676.79' E. from Cor. "J" Elevation of Kelly Bushing derrick floor ~~ground~~ conc. mat above sea level 1195 1192 1185.66 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 3-20-47 Signed R. E. Ford

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 2-27-46 Completed drilling 5-29-46 Drilling tools ~~Cable~~ Rotary

Total depth 8970 Plugged depth 8917

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 6-21-46 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 336 | 37.4 | 9.5 | 372 | 860 | 1300 |
| Production after 30 days | 240 | 37.6 | 0.1 | 221 | 975 | 1000 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementin if through perforatio |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8 | 241 | Surface | 52.74 | New | Smls. | J 55 | 17 | 250 | |
| 8-5/8 | 7512 | " | 36 | New | Smls. | J55 & N80 | 11 | 600 | |
| 5-1/2 | 8967.68 | 6246.63 | 20 | New | Smls. | N 80 | 7-5/8 | 175 | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 8900 ft. | 8680 ft. | 4-1/2 holes/Ft. | | | Gun |
| " | 7562 ft. | - ft. | 4-3/8" holes (Cmt.w/225 Sx.) | | | " |
| " | 7552 ft. | - ft. | 4-3/8" holes | | | " |
| " | 8606 ft. | - ft. | 4-3/8" holes (Cmt. w/2 Sx.) | | | " |
| " | 8630 ft. | - ft. | 4-3/8" holes | | | " |

Electrical Log Depths 241' to 8970' (Attach Copy of Log)

FORM 103 SUBMIT IN DUPLICATE Δ OSP

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR SUN OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho San Francisco#53-5 Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Date September 23, 1970 Signed J. R. Hinkle, Dist. Engineer

23928 Lyons Ave.
Newhall, Calif. 91321 (805) 259-2440 Title Agent

(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

| Date | |
|---|---|
| 4/7/65 | Moved in & rigged up Harold Brown wireline truck. Pulled WB operating valve from mandrel at 8223'. |
| 4/14/65 | Commenced operations at 7:00 am. MIRU pulling unit with pump and tank. Killed well with 415 bbls. lease crude and circulated system free of gas. Removed X-mas tree and installed and tested BOE. Pulled Baker Model "E" retrieveable packer loose and pulled 4200' of tubing. Gas lifted fluid down to 4000' in annulus. Finished pulling out of hole with tubing. Closed well in at 3:00 am, 4/15/65, and shut down job for night. |
| 4/15/65 | Resumed operations at 7:00 am. Rigged up Welex wireline truck and perforated 5 1/2", 20# liner in 4L interval, 8315'-8370'. Noted bad spot in liner at 6768'. Tore out Welex. Ran production string in hole as before and set Baker Model "E" Packer at 8287' in 9000# compression, with tubing tail to 8870'. Removed BOE, installed X-mas tree, and tore out pump and tank. Released rig at 5:30 pm, 4/14/65. |

RECEIVED
SEP 28 1970

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

April 29, 1999

Bradford A DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 54,

A.P.I. No. 037-12866, Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated December 23, 1998, received January 19, 1999, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:**

1. Surface plugging completed on December 20, 1998.
2. Site inspection made and approved February 3, 1999.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

25 61

# SCHLUMBERGER
WELL SURVEYING CORPORATION

037-12866

COMPANY: BARNSDALL OIL COMPANY

FIELD: NEWHALL-POTRERO

WELL: "Rancho San Francisco" (R. S. F. NO.) 54-~~X~~

SEC. 26 T. 4 N R. 17 W

COUNTY: LOS ANGELES STATE: CALIFORNIA

ELEV.: 5

"Rancho San Francisco" 54-~~X~~
Sec. 26-4N-17W NEWHALL-POTRERO

MEDALLION CALIFORNIA PROPERTIES CO.

25 61

| RUN | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Date | 6-10-46 | 6-11-46 | 6-14-46 | 6-26-46 |
| Csg. shoe | 256 | 256 | 256 | 7479 |
| Total depth | 7272 | 7320 | 7480 | 7760 |
| Depth rchd. | 7272 | 7319 | 7479 | 7760 |
| Ft. Meas. | 7016 | 47 | 160 | 281 |
| Mud Nat. | Aquagel | Natural | Natural | Impermex |
| Dens | 77# | 77# | 74.5# | 70# |
| Visc. | 40 | 36 | 37 | 42 |
| Res. | 3.3 @ 63°F. | 2.2 @ 66°F. | 1.2 @ 90°F. | 2.6 @ 69°F. |
| Max. Temp. | 158°F. | 160°F. | 178°F. | 157°F. |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. |
| Tension | -- | -- | -- | -- |
| Rig. Time | 2 1/2 hrs. | 1 1/2 hrs. | 1 1/4 hrs. | 1 1/4 hrs. |
| Mileage | 102 mi. | 102 mi. | 102 mi. | 102 mi. |
| Observer | V.T.Fant | F.Pehoushek | F.Pehoushek | F.Pehoushek |
| Witnessed by: | | | | |

## DIAMETER OF HOLE

13 3/8" - 256' 11"

## REMARKS

Little Gem Curve
Short Lateral OA : 9' - - - - - - - - - - -
Long Lateral OA : 18' . . . . . .

Note: (0-80 ohms) scale below 3646 ft.

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

es

## RESISTIVITY

——NORMAL CURVE ·····THIRD CURVE

20 -ohms m²m

## SELF-POTENTIAL

100

OPERATOR Medallion CA Properties Co. A.P.I. 037 - 12866
WELL NO. "Rancho San Francisco" 34 SECTION 26, T. 4 N, R. 17 W
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 10/8/98 | | | | | |
| P-REPORT NUMBER | 298-165 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 1-30-99 | | | | | |
| SYMBOL | ✱ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10/14/98 | | | | | | | | | | | |
| HISTORY | 1-19-99 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. OK | 2-3-99 PC | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE SPM 1-19-99

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
LE WELL LIST
SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY Mekalchion WELL NO. RSF 54

API NO. 037-12866 SEC. 26, T. 4N, R. 17W, SB B.&M.

COUNTY Nuevo Potrero FIELD LA

RBDMS DATA ENTERED: 10/19/98
(DATE)

BY: SDP
(NAME)

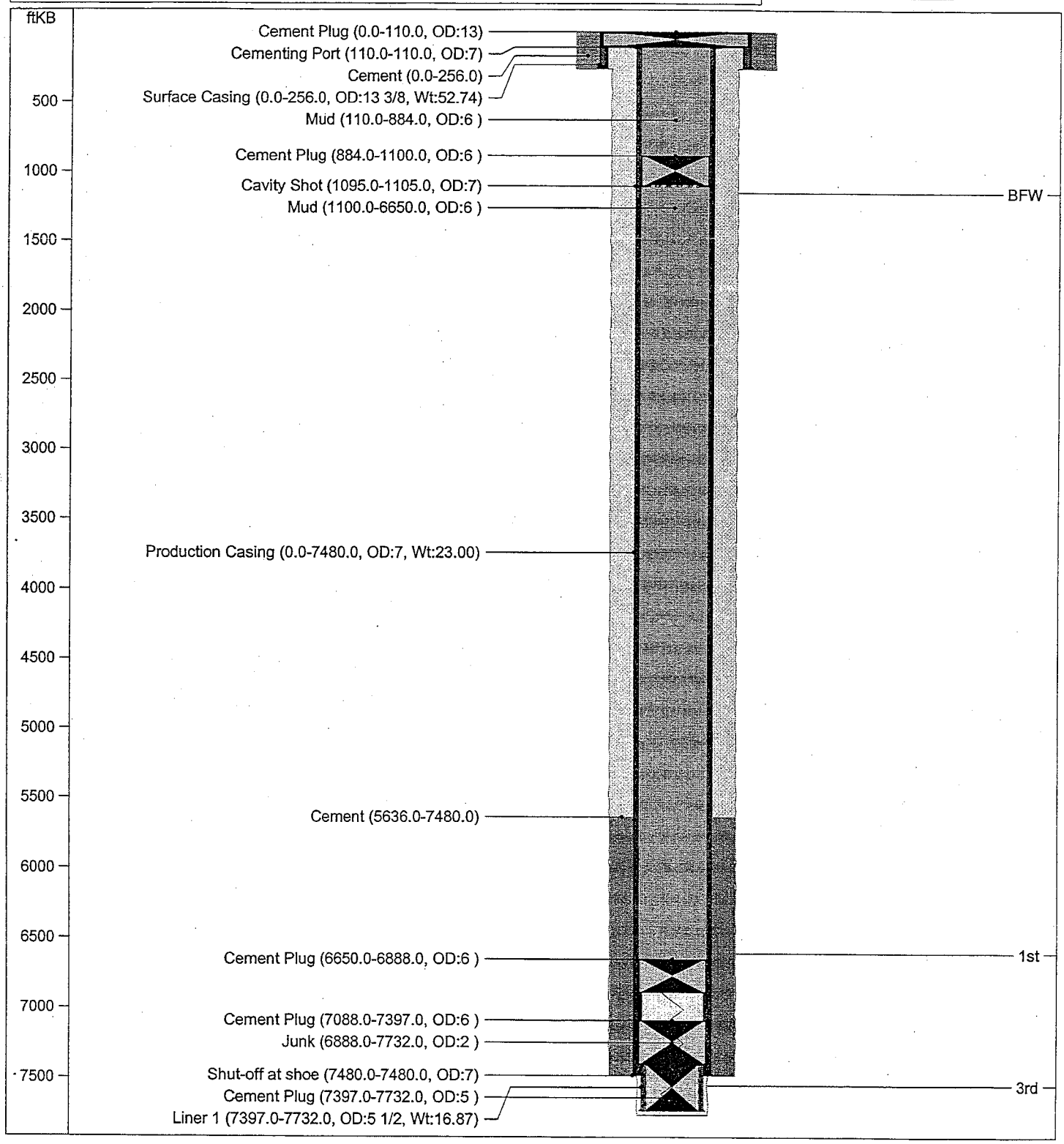
RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

UPDATED 1-5-99 S. MULQUEEN
UPDATED 4-9-99 S. MULQUEEN

# WELL CONSTRUCTION DATA ONLY

| 04037128660000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 54 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 7760.0 ftKB |
| PBTD | 0.0 ftKB |
| Approval Date | 20-Mar-46 |
| Spud Date | 21-Apr-46 |
| TD Date | 01-Jul-46 |
| Production Date | 02-Jul-46 |
| Injection Date | |
| P/A Date | 20-Dec-98 |

Division of Oil & Gas Conservation




4/9/99

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: Medallion California Properties  Field: Newhall-Potrero  County: Los Angeles

Well: "Rancho San Fransico" 54  Sec. 26  T 4N  R 17W  S.B. B. & M.

A.P.I. No. 037-12866  Name: Bradford A. DeWitt (Person submitting report)  Title: Agent (President, Secretary or Agent)

Date: December 23, 19 98

Signature: Bradford A. DeWitt

5400 Rosedale Highway Bakersfield, CA 93308 (Address)  (805) 635-0465 (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/14/98 | Move in, rig up, install B.O.P.. Pull out of hole with 31 joints of 2⅞" tubing. Run in hole and tally tubing to 3000'. Close in well. |
| 12/15/98 | Open well, continue run in hole with 2⅜" tubing, tag clean out at 7,732'. Close in well. |
| 12/16/98 | Open well, pick up and run in hole with tubing, tagged at 7,732'. Pump 30 barrels ahead, mix and pump 110 ft³ 50/50 POZ with 35% silica flour with 5% gel, displace with 14 barrels water, tubing stuck. Continue to displace and balance plug, try and work tubing free, stuck. Run in hole with wireline, run in hole with 1-11/16" jet cutter, cut tubing at 6,888'. Notified D.O.G.G.R., gave OK to lay 200' plug on top of fish. Set tubing tail at 6,888', mix and pump 44 ft³ 50/50 POZ with 35% silica flour with 5% gel, displace with water. Pull out of hole with tubing to 5,660'. Close in well. |
| 12/17/98 | Open well, run in hole tag, cement plug at 6,650'. Est tubing at 6,648', pump 218 barrels mud 6,648' to 1,100'. Pull tubing to 3,000', close in well. |
| 12/18/98 | Open well, continue laying down rest of 2⅜" tubing, remove B.O.P.. Close in well, rig down, move off. |
| 12/19/98 | Move in, rig up wireline. Shot cavity at 1,100' and 6 holes at 110'. Move in, rig up coiled tubing unit and equipment. Run in hole with 1¼" coiled tubing to 1,100', mix and pump 66 ft³ 35 sacks of 50/50 POZ with 35% silica flour with 5% gel, displace with 1.6 barrels of water. Pull out of hole with tubing, flush equipment. Rig down, move off. Cement in place at 1:20 p.m.. Estimated top of cement 800'. |
| 12/20/98 | Move in, rig up coiled tubing unit and equipment. Run in hole with 1¼" coiled tubing, tag top of plug at 883', pump 30 barrels of mud. Pull out of hole with tubing to surface. Hook pump up to 7" casing to squeeze cement down to 110' and up surface pipe, mix and pump 90 ft³ 47 sacks of 50/50 POZ with 35% silica flour with 5% gel, good cement to surface. Stephen Mulqueen, D.O.G.G.R. witnessed. Rig down, move off. |

RECEIVED
JAN 19 1999
DIVISION OF GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

(DG103)

RESOURCES AGENCY OF CALIFORNIA
EPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T299-16

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIF. PROPERTIES
5400 Rosedale HWY.
Bakersfield, CA. 93308

Ventura, California
January 12, 1999

Your operations at well "Rancho San Francisco" 54, API No. (037-12866), Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 12-20-98. Steve Mulqueen, representative of the supervisor, was present from 1300 to 1500. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 256'; 7" cem 7480' wso, cp 110', cav shot 1095'; 5 1/2" ld 7397'-7732' perfs 7398'-7732'. TD 7760'. Junk below 6888'. Plugged w/ cem 7732'-7088', 6888'-6650', 1100'-884' & 110'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

500
00
(1-2-3
0)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☐
BOND ☑
OGD114
OGD121 ☑

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "RANCHO SAN FRANCISCO" #54 **API No.** 03712866 **Sec.** 26 **T.** 4N **R.** 17W SB **B.&M.**

NEWHALL-POTRERO **Field** LOS ANGELES **County, starting work on** 10-15-98

***The present condition of the well is***

**1. Total depth:** = 7760 FT PBTD = 7732 FT.

**2. Complete casing record, with plugs and perforations (present hole):**

13 3/8" 52.74# J-55 CMTD @ 256 FT.
7" 23# & 26# N-80 & J-55 CMTD @ 7480 FT
5 1/2" 17# N-80 LINER HUNG @ 7732 FT
TOL @ 7398 FT. PERFD W/192 1/4" RHPF
7491-7516 FT & 7551-7731 FT.

**3. Date last produced or injected:** PRIOR DECEMBER 1990

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**

☐ Yes ☒ No

**The proposed work is as follows:**

SEE ATTACHED PROGRAM

RECEIVED
OCT 14 1998
DIV. OF GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 ROSEDALE HWY (Street)
BAKERSFIELD (City) CA (State) 93308 (Zip)
Telephone Number (805) (Area Code) 635-0465 (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By CLAUDE D. FIDDYMENT (Print Name)
(Signature) 10-8-98 (Date)

OG108 (8/97)

Proposed Abandonment Program
Rancho San Francisco Well # 54
Newhall-Potrero Field, Los Angeles County

1. RU Coil Tubing Unit (CTU), install Class II BOPE. RIH and lay a Class "G" cement plug in the 5 1/2" liner and 7" casing from 7732 ft. to 7198 ft. Tag cement plug. DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay based mud from 7198 ft. to 1100 ft.

2 RU perforators, RIH with cavity shot gear to 1100 ft., make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1100 ft. to 1000 ft. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72 # mud from 1000 ft. to 100 ft.

4. RU perforators and shoot eight (8) 1/2" holes @ 110 ft. RD perforators. RIH with coil tubing and circulate surface plug into 7" X 13 3/8" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear surface location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make inspection of location after restoration.

CDF 10/5/98

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12866

5

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. March 13, 1946

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 54-3, Sec. 26, T. 4 N. JLW R. 17 W., SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3285.33 feet ~~N.~~ or S., and 5490.01 feet E. or ~~W.~~ from Corner J
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the Kelly bushing / derrick floor / ~~ground~~ / Conc. mat above sea level is 1285 / 1282 / 1275.79 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7540 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54 | J-55 slip jt. | 300 | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 7540 | " |
| 5½" | 17# | N-80 | 7780 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. C. Fox
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW | 3-18-46 | | Blanket dated 8-25-41 | | |

...FORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-41824

Los Angeles 14, Calif. March 20, 1946

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

Dear Sir:

Your proposal to drill Well No. 54-3, "Rancho San Francisco"
Section 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County,
dated March 13, 1946, received March 18, 1946, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 3285.33 feet S. and 5490.01 feet E. from Corner J
Kelly bushing 1285
The elevation of the derrick floor above sea level is 1282 feet
Conc. mat 1275.79
We estimate that the first productive oil or gas sand should be encountered at a depth of about 7540 feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as here indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54 | J-55 slip jt. | 300 | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 7540 | " |
| 5-1/2" | 17# | N-80 | 7780 | Hung |

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed.
3. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
4. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To witness a test of the effectiveness of the 7" shut-off.
   (b) To inspect the installed blowout prevention equipment before drilling below 1500'.

SLB:OH

cc- Company

R. D. BUSH
State Oil and Gas Supervisor

By G. H. Musser Deputy

Blanket bond dated 5-23-41

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-45242

Los Angeles 14, Calif. May 6, 1946

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Operations at your well No. 54-3 "Rancho San Francisco" Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by John M. Carls, Inspector, representative of the supervisor, on April 30, 1946. There was also present John Beard, Driller; Dick Griffin, Derrickman

| Casing Record | Junk |
|---|---|
| 13-3/8" cem. 256'; T.D. 2500' | None |

The operations were performed for the purpose of ~~demonstrating that the known surface waters are adequately protected.~~ inspecting blowout prevention equipment and installation. *

The inspector arrived at the well at 1:30 p.m. and Mr. Beard reported:

1. A 17-1/2" rotary hole was drilled from surface to 262'.
2. On April 24, 1946, 13-3/8" 52.74 lb. casing was cemented at 256' with 250 sacks of cement.
3. A 12-1/4" rotary hole was drilled from 262' to 2500'.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole and for closing around the 5-9/16" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill-up line, with a 2" high pressure plug valve, into the 13-3/8" casing, below the above equipment.
4. A Hosmer type blowout preventer with packer to fit the 5-9/16" drill pipe.
5. An 8" shut-off gate on the mud discharge line.

The inspection was completed at 2:00 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

*Correction letter 5-13-46. my

cc - Company

JMC:ES

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Wessner Deputy

43395 3-45 15M
STATE PRINTING OFFICE

JRM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off
(FORMATION TESTER)

No. T 1-45427

Los Angeles 14, Calif. June 21, 1946

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY
"Rancho San Francisco"

DEAR SIR:

Your well No. 54-3, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M. Newhall-Potrero Field, in Los Angeles County, was tested for water shut-off on June 19, 1946. Mr. John M. Carls, Inspector, designated by the supervisor, was present as prescribed in Sec. 3222 and 3223, Ch. 93, Stat. 1939; there were also present R. M. Bischoff, Engineer; J. L. Beard, Driller

Shut-off data: 7 in. 23 & 26 lb. casing was cemented at 7480 ft. on June 15, 1946 in 11" hole with 600 sacks of cement of which 11 sacks was left in casing.

Casing record of well: 13-3/8" cem. 256'; 7" cem. 7480', W.S.O.

Reported total depth 7495 ft. Bridged with cement from xxx ft. to xxx ft. Cleaned out to 7495 ft. for this test. A pressure of xxx lb. was applied to the inside of casing for xxx min. without loss after cleaning out to xxx ft. A Johnston tester was run into the hole on 3-1/2 in. drill pipe, with xxx ft. of water cushion, and packer set at 7457 ft. with tailpiece to 7477 ft. Tester valve, with 3/8" bean, was opened at 8:09 a.m. and remained open for 1 hr. and xxx min. During this interval ~~there was a light steady blow for 4 minutes, fair steady blow for 5 minutes, good steady blow for the remainder with~~ gas to the surface in 35 minutes.

THE INSPECTOR ARRIVED AT THE WELL AT 12:00 NOON AND MR. BISCHOFF REPORTED THE FOLLOWING:

1. An 11" rotary hole was drilled from 256' to 7495'.
2. A Johnston tester was run as noted above.

THE INSPECTOR NOTED THE FOLLOWING:

1. When the drill pipe was removed, 120' of gassy, oily drilling fluid was found in the drill pipe above the tester, equivalent to 1.0 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hour.

The test was completed at 1:00 p.m.

THE SHUT-OFF IS APPROVED.

cc- Company

JMC:ES

R. D. BUSH, State Oil and Gas Supervisor

By E. H. Musser, Deputy

50045 10-45 12,500 SPO

STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL TI ...NK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA...

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 29 1947
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL POTRERO

Well No. Rancho San Francisco #54-3 Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Location 3285.33'S.& 5490.01'E.from Cor. "J" Elevation of kelly bushing 1285' Derr.Fl. 1282' conc. mat 1275.79' above sea level feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 11-24-47 Signed R. E. Fors.

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 4-21-46 Completed drilling 7-1-46 Drilling tools Rotary

Total depth 7760' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 7-2-46 (date) Flowing/gas lift/pumping (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 490 | | 1.3 | 648 | 350 | 820 |
| Production after 30 days | 145 | | 0.1 | 116 | 250 | 700 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 256 | Surface | 52.74# | New | Smls. | J55 | 17¼" | 250 | |
| 7" | 7480 | " | 23 & 26# | " | " | N80, J55 | 11" | 600 | |
| 5½" | 7732.00 | 7397.68 | 16.87# | " | " | N80 | 6 1/8" | | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½" | 7397.68 ft. | 7732.00 ft. | 192 - ¼" holes per ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

Electrical Log Depths 7760' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 29 1947
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL POTRERO

Well No. Rancho San Francisco 54-3, Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fors

Date November 24, 1947 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1946 | |
| 4-21 | Spudded in. Drilled 11" hole to 262' and opened to 17½" to 256'. |
| 24 | Depth 262'. Ran and cemented 13 3/8" 52.74#, J55 S.J. casing at 256', with 250 sx. Colton const. cement mixed with 3% Aguagel. Found top of cement at 244'. Opened 11" hole to 12¼" from 256 to 262'. Drilled ahead with 11" bit. |
| 6-11 | Depth 7320'. Ran Schlumberger electric log to 7319'. |
| " | 7480'. Ran Schlumberger electric log to 7479'. |
| 15 | Ran and cemented 7" 23 and 26# casing at 7480' with 600 sacks Colton slow cement 115# slurry. |
| 18 | Found top cement 7420'. Drilled out to 7485' with 6" bit. |
| 19 | Set Johnston tester at 7457' with tailpiece to 7477'. Open one hour thru 3/8" bean. Light steady blow 4 min., fair steady blow 5 min. and good steady 51 min. Recovered 120' of gassy oily mud. Test witnessed and WSO approved by J. M. Carls of DO&G. |
| 26 | Ran Schlumberger Electric log. Depth 7760'. |
| | Depth 7760'. |
| 28 | Hung 334.32' of 5½" O.D. 16.87# N 80 Perf. & blank liner at 7732', with top at 7397.68'. Perf. with 192 - ¼" round holes per foot from 7730.66' to 7550.56' and 7515.83' to 7490.83'. |
| 7-1 | Hung 2½" production tubing at 7711.29'. |

| | Gross | Cut | Net | Bean | T.P. | C.P. | MCF | G/O | Grav. |
|---|---|---|---|---|---|---|---|---|---|
| 7-2 | 496 B/D | 1.3% | 490B/D | 20/64 | 350# | 820# | 272 | 547 | 31.4 |
| 31 | 145 | 0.1 | 145 | 12 | 250 | 700 | 116 | 800 | 33.9 |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

December 7, 1994

James R. Weddle, Agent
DKM Offshore Energy
1400 Easton Drive, Suite 113
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 55, A.P.I. No. 037-12867, Section 26, T. 4N, R. 17W, S.B. B.& M., Newhall Potrero field, Los Angeles County, dated June 28, 1994, received July 25, 1994, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

svl

By Patrick J. Kinnear
Patrick J. Kinnear
*Deputy Supervisor*

cc: Conservation Committee
Update

Modified OG159 (4/94)

25 60

# SCHLUMBER

WELL SURVEYING CORPORATION

037-12867

COMPANY: BARNSDALL OIL COMPANY

DIVISION OF OIL AND GAS
RECEIVED
JUL 16 1946
LOS ANGELES, CALIFORNIA

FIELD: NEWHALL-POTRERO

WELL: (R. S. F.) 55-3 "Rancho San Francisco"

SEC. 26 T. 4N R. 17W

COUNTY: LOS ANGELES STATE: CALIFORNIA

ELEV.: 1216' K.B.

MEDALLION CALIFORNIA PROPERTIES CO.
"Rancho San Francisco" 55-3
Sec. 26-4N-17W NEWHALL-POTRERO

| RUN | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Date | 5-17-46 | 5-18-46 | 5-19-46 | 5-28-46 |
| Csg. shoe | 239 | 239 | 239 | 7573 |
| Total depth | 7460 | 7500 | 7570 | 7774 |
| Depth rchd. | 7458 | 7500 | 7570 | 7773 |
| Ft. Meas. | 7219 | 42 | 70 | 200 |
| Mud Nat. | Mojave | Mojave | Aquagel | Impermex |
| Dens | 78# | 77.5# | 78# | 69# |
| Visc. | 29 | 32 | 34 | 51 |
| Res. | 2.7 @ 73°F. | 3.0 @ 66°F. | 2.7 @ 72°F. | 2.4 @ 62°F. |
| Max. Temp. | 179°F. | -- | 175°F. | 177°F. |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. |
| Tension | -- | -- | -- | -- |
| Rig. Time | 5 hrs. | 1 3/4 hrs. | 1 hr. | 1 3/4 hrs. |
| Mileage | 102 mi. | 102 mi. | 102 mi. | 102 mi. |
| Observer | F. Pehoushek | F. Pehoushek | V.T.Fant | V.T.Fant |
| Witnessed by: | | | | |

## DIAMETER OF HOLE

13 3/8" - 240' 11" - 7573'

6 1/8"

## REMARKS

Little Gem Curve

Short Lateral OA : 9'

Long Lateral OA : 18'

Note: (0-80 ohms) scale below 3376 ft.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | 2 |

DEPTH

## RESISTIVITY

NORMAL CURVE THIRD CURVE

20 -ohms m²m

## SELF-POTENTIAL

100 -millivolts

OPERATOR Sun Oil
LSE & NO RSF 55
MAP 253

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | Conv. to W.F | Abandon | | | | |
| NOTICE DATED | 12-4-79 | — | | | | |
| P-REPORT NUMBER | 279-378 | 294-92 | | | | |
| CHECKED BY/DATE | FT 3-20-80 | | | | | |
| MAP LETTER DATED | 3-22 80 | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 12-10-79 | | 4-1-94 | | | | | | | | | |
| HISTORY | 3-17-80 | | 7-25-94 | | | | | | | | | |
| SUMMARY | — | | | | | | | | | | | |
| I[illegible]LECTRIC LOG | — | | | | | | | | | | | |
| DIRECTIONAL SURV | — | | | | | | | | | | | |
| CORE/SWS DESCRIP | — | | | | | | | | | | | |
| OTHER Inj. Surv. | | | | | | | | | | | | |
| RECORDS COMPLETE | | | 9-29-94 | PW | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | OK 12-2-94 SPM |
| FINAL LETTER OK | |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____

FINAL LETTER ok 12-2-94
MAILED _____

RELEASED BOND _____

REMARKS: Pl. lost waived. 6/25/80. No engineer available.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator DKM Offshore Energy, Inc. Field or County Newhall Potrero - Los Angeles
Well RSF #55, Sec 26, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-12867 Name Claude D. Fiddler (Person submitting report) Title Agent (President, Secretary or Agent)
Date June 28, 19 94

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

4/19/94 MIRU pulling unit. N/D tree, NU Class II BOPE. Pulled 2-7/8" tubing (10 joints). N/D BOPE, N/U tree RDMO.

5-6-94 MIRU coil tubing unit (CTU). RIH w/CT to 7,758 ft, CMTD well with 72 SX (82 CF) Class "G" CMT. RDMO.

5-10-94 RU CTU. RIH tagged bottom plug at 7,317 ft, pumped 259 BBL mud from 7,317 ft to 730 ft. Fariba Neese, DOGGR, witnessed tag and mud. POOH w/CTU RDMO.

5/12/94 MIRU perforating mast and lubricator. Shot 8-1/2" jet holes at 730 ft. RDMO perforating unit. MIRU CTU. RIH w/CT to 730 ft, established 1/2 BPM injection rate w/water at 600 psi, CMTD through perforations at 73 ft w/109 SX (125 CF) Class "G" CMT, pulled CT to 64 ft, downsqueezed 80 CF CMT at 3/4 BPM rate final preserve 700 psi. POOH w/CT RDMO.

5-13-94 RU CTU, RIH w/CT tagged CMT at 566 ft, pumped 19 BBL mud into well to 100 ft. Fariba Neese witnessed tag and mud. POOH w/CT RDMO.

5-17-94 RU CTU. Break circulation in 7" x 13-3/8" annulus, displaced 160 SX (184 CF) Class "G" CMT, CMT to surface. WOC 15 minutes, filled well w/CMT. RDMO.

RECEIVED
JUL 25 1994
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T294-144

# Report on Operations

James R. Weddle, Agent
DKM Offshore Energy
1400 Easton Drive, Suite 133
Bakersfield, CA 93309

Ventura, California
June 2, 1994

Your operations at well "Rancho San Francisco" 55, API No. 037-12867, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 5-17-94. Pete Wygle, representative of the supervisor, was present from 0700 to 0800. There were also present L. Bowen, Coil Tubing Foreman

Present condition of well: 13 3/8" cem 240'; 7" cem 7573' WSO, perf 100'-102' & 730'-732'; 5 1/2" ld 7554'-7770', perf 7585'-7768'. TD 7774'. Plugged w/cem 7758'-7317', 730'-566' & 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

SCV

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

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00
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3

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | 3B | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well RSF #55, API No. 037-12867, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on April 27, 1994.

The present condition of the well is:

1. Total depth 7774'
2. Complete casing record, including plugs and perforations (present hole)

   See Attached Wellbore Sketch

3. Last produced _____ (Date) _____ (Oil, B/D) _____ (Gas, Mcf/D) _____ (Water, B/D)

   or

4. Last injected 2/80 (Date) 190 (Water, B/D) 0 (Gas, Mcf/D) 1200# (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of fresh water sands 730'

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

See Attached Abandonment Work Program

RECEIVED
APR 01 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 7130 S. Lewis, Ste. 700 (Street)
Tulsa, OK 74136 (City) (State) (Zip)
Telephone Number (918) 491-4114 (Area Code) (Number)

DKM Offshore Energy, Inc. (Name of Operator)
By Lee C. Francis (Print Name)
Cover letter Attached (Signature) (Date)

OG108 (5/90/GSR1/5M)

DKM OFFSHORE ENERGY, INC.
ABANDONMENT WORK PROGRAM
RSF #55
SECTION 26, T4N R17W S.B.B.&M.
NEWHALL-POTRERO FIELD
LOS ANGELES COUNTY, CALIFORNIA

(1) Move in abandonment rig and equipment. Bleed pressure off casing. Nipple up BOP. Notify the CDOG that work has commenced.

(2) Pickup 3¾" bit and tubing. TIH and clean out liner to 7770'. TOOH. If problems arise in cleaning out liner, notify CDOG and Tulsa Office immediately. RD Abandonment rig move to next well.

(3) RU Fleet cementers Coil Tubing Unit. RIH to bottom of liner. Mix and pump to circulate 65 sx Class G cement (15.6 ppg, yield 1.15) top of cement should be 7400' based on a calculated volume of 65 cubic feet with 20% excess.

(4) Pull up to top of cement plug and reverse circulate clean . POOH and RD Fleet CT Unit and move to next well.

(5) RU KFE, Inc. Wireline truck and mast pole. RIH and perforate 8 holes (3/8") @ 730'.

(6) RU Fleet CT Unit. TIH and tag cement plug @ 7400' (witnessed by CDOG). Circulate to fill casing above cement plug to 730' with CDOG approved plug mud.

(7) Pull CT up to 730'. Mix and circulate to spot 125 sx Class G (15.6 ppg, yield 1.15). Volume is calculated to fill 200' in 7"/11" annulus and leave 200' in casing. Pull up above cement and circulate casing full of CDOG approved plug mud. Pump mud to braden head squeeze to raise 200' of cement in annulus. (Ensure annulus is full of mud so that plug will balance).

(8) Rig down fleet coil tubing and move to next well.

(9) After WOC, RU KFE, Inc. and RIH and perforate 8 holes @ 100'.

(10) RU Fleet coil tubing RIH and tag cement plug at 530' (witnessed by CDOG).

(11) Mix and pump 85 sx Class G (15.6 ppg, yield 1.15). Circulate to surface in 13 3/8"/7" annulus and leave 100' cement plug in 7" casing.

(12) Cut off casing 4' below grade and cap in accordance with CDOG regulations.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 17 1980
SANTA PAULA, CALIFORN...

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County NEWHALL PETRERO
Well name and No. RANCHO SAN FRANCISCO #55, Sec. 26, T 4N, R 17W, SB B. & M.
A.P.I. well No. 037-12867 Name L. B. Carroll Jr. (Person submitting report) Title AGENT (President, Secretary or Agent)
Date MAR 14 1980, 19

Signature L. B. Carroll, Jr. by DAB

23928 LYONS AVENUE NEWHALL, CA 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1980 | |
| 2-22 | 7774 TD/1770 PBTD/13 3/8"-52.74# @ 240'/7" 23 & 26# N-80 & J 55 @ 7573/5 1/2" 17# N-80 LINER 7554-7770 PERFS 7585-7622 & 7667-7768/ CONVERT TO WATER INJECTION IN THE 3RD ZONE TO DEVELOP ADDITIONAL INJECTION CAPACITY/ |
| 2-22 | 2-21/1/CPS MIRU/INSATLLED BOP/UNSEATED PKR & PUMPED 240 BBLS OF LEASE WATER DOWN TBG TO KILL WELL/POH & LAY DOWN 2 7/8" H-40 TBG & 7" LC SET PKR/SECURE WELL & SDFN @ 11:00 PM/ |
| 2-23 | 2-22/2/CHECK FILL W WIRE LINE @ 7736 (34')/USEING 2 5/8 CAVINS BAILER BAILED HARD MUD OR CEMENT 7736-7741/UNABLE TO BAIL DEEPER/BEAT UP BOTTOM OF BAILER AS IF ON METAL/RUN 4" IMPRESSION BLOCK ON 8 JTS 2 3/8' & 242 JTS 2 7/8" TBG TAGGED BOTTOM @ 7738/PULL UP 11 JTS/SDFN/ |
| 2-24 | 2-23/3/FINISHED POH W IMPRESSION BLOCK/BLOCK INDICATED SETTING DOWN ON BOLT, POSSIBLY A BOP BOLT/CHECKED & FOUND 1 JT ERROR IN ORIGINAL MEASURMENTS/IMPRESSION BLOCK TAGGED BOTTOM @ 7768/RI W BAKER 7" 26# LOCK SET PKR ON 2 7/8" TBG HYDROTESTING IN HOLE TO 5000#/TEST OK/ SECURED WELL SDF WEEKEND/ |
| 2-26 | 2-25/4/BLED WELL DWN/SET BAKER 7" 26# LOCK SET PKR IN 10,000# COMPRESSI @ 7485'/MIXED 15 GAL EACH OF TRET XC 370 & K 700 IN 300 BBL FRESH WATER/PUMPED DWN ANNULUS BEHIND PKR, PRESSURED TO 1000#, HELD OK/ PUMPED 190 BBLS FRESH WATER DWN TBG @ 1200#, 5 BBL/MIN/NO BUILD UP ON CSG/RDMO/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED
DEC 10 1979
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

S

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANSHO SAN FRANCISCO #55, API No. 037-12867, Sec. 26, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth. 7774'

2. Complete casing record, including plugs and perforations: BFW 700
   13-3/8" 52.74#, J-55 Smls csg cmt'd at 240' w/250 sx. Fill to surf
   7" 23# & 26#, N-80 & J-55 Smls csg cmt'd @ 7573' w/600 sx. ✓ TO 5773
   5½" 17#, N-80 FJ liner at 7770' w/top of hanger at 7554'.
   Perf. w/192 - 1/4" RHPF:
   (7585'-7622')
   (7667'-7768')

3. Present producing zone name 3RD Zone in which well is to be recompleted 3RD

4. Present zone pressure 500 PSI New zone pressure 500

5. Last produced Present (Date) 2 (Oil, B/D) 1 (Water, B/D) 90 (Gas, Mcf/D)

or

6. Last injected NA (Date) ____ (Water, B/D) ____ (Gas, Mcf) ____ (Surface pressure, psig.)

The proposed work is as follows: CONVERT TO WATERFLOOD

1. MIRU pulling unit. Load well w/prod wtr. Install Class II 2M BOP.
2. Release Bkr Lok-Set pkr & tag for fill. Strap out of hole w/tbg. CO fill w/hydrostatic bailer to 7770' if necessary. Lay down GL valves, pkr & 2-3/8" tailpipe.
3. Run 2-7/8" 6.5# J-55 tbg w/Bkr 7" 26# Lok-Set pkr & (1) jt tailpipe to 7500'. Circ well w/fresh wtr containing 5 gals/100 bbls Tretolite XC-370 & K-700. Set pkr w/10,000# compression.
4. Remove BOP & NU wtr injection wellhead. RD & RR.
5. Put on injection & test. Run injection survey within 30 days after completing workover. Notify D.O.G. to witness.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 LYONS AVENUE (Street)
NEWHALL (City) CALIFORNIA (State) 91321 (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L.B. Carroll Jr. (Name) L.B.CARROLL,JR. DEC 04 1979 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

M 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

10

037-12867

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. March 13 1946

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 55-3, Sec. 26, T. 4 N. 14 W. R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 4557.85 feet ~~N.~~ or S., and 8150.06 feet E. or ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~xxxxx~~ Kelly Bushing 1216 / derrick floor 1213 / Conc.mat 1206.59 above sea level is feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7550 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54 | J55 Slip jt. | 240 | Cemented |
| 7" | 23 & 26 | J55 & N80 | 7550 | " |
| 5½" | 17# | N80 | 7750 | Hung |
| | | | | |

Well is to be drilled with rotary ~~xxxxx~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

Telephone number RI 5171

BARNSDALL OIL Company
(Name of Operator)

By R. E. Foss
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A 3-18-46 JLW. | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, California

May 2, 1986

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 57 (Name and number), A.P.I. No. 037-12869, Section 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero field, Los Angeles County, dated 4-17-86, received 4-18-86, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

Cons.Comm.
b

| MAP | MAP BOOK | CARDS | BOND | EDP | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|---|
| 253 | pmc 5/7/86 | | BB | 014 | — | ✓ |

M. G. MEFFERD
*State Oil and Gas Supervisor*

By Murray W. Dosch
*Deputy Supervisor*

Murray W. Dosch

OG159 (11/82/GSR1/8M)

LSE & NO Rancho San Francisco" 57-33A
MAP 250

| | (1) | (2) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | DRILL | CONVERT TO W.F. | ABANDON | | | |
| NOTICE DATED | 6-21-46 | 6-28-74 | 3-11-86 | | | |
| P-REPORT NUMBER | 1-42180 | 274-276 | 286-92 | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 6-24-46 | 10-25-75 | map 253 pmc 5/7/86 | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 6-24-46 | | 7-5-74 | | 3-12-86 | | | | | | | |
| HISTORY | 2-21-48 | | 10-23-74 | | 4-18-86 | | | | | | | |
| SUMMARY | 2-21-48 | | | | 4-18-86 | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | 10-29-40 | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | | | | | 4-25-86 | SPM | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | 3/31/86 pmc |
| FINAL LETTER OK | |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED 5-2-86

RELEASED BOND BB

REMARKS: _____

Form OG100 (7/79)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-12869

# WELL SUMMARY REPORT

| Operator | Well | | | | |
|---|---|---|---|---|---|
| SUN EXPLORATION & PRODUCTION COMPANY | RANCHO SAN FRANCISCO #57 | | | | |
| Field | County | Sec. | T. | R. | B.&M. |
| NEWHALL POTRERO | LOS ANGELES | 26 | 4N | 17W | SB |

Location (Give surface location from property or section corner, street center line and/or California coordinates)

3789.33'S., & 7420.63'E., FROM CORNER "J"

Elevation of ground above sea level: 1359.35'

Commenced ~~drilling~~ (date) P&A: 3-19-86

Completed ~~drilling~~ (date) P&A: 3-22-86

Commenced producing (date): P&A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): 3RD ZONE

Total depth: (1st hole) 8263' (2nd) (3rd)

Present effective depth: 8263' PBTD

Junk: NONE

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☐ Kelly Bushing

Which is 8.65 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| T ZONE | 7952' |
| 3RD ZONE | 8033' |

Formation and age at total depth: 3RD ZONE (MIOCENE)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | NA | | | | | |
| Production After 30 days | NA | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13-3/8" | SURF | 317' | 52.74# | J-55 | NEW | 17-1/2" | 300 SX | |
| 7" | SURF | 7927' | 23/26# | J-55-N-80 | NEW | 11" | 600 SX | |
| 5-1/2" | 7906' | 8262' | 16.87# | J-55 | NEW | 6-1/8" | HUNG | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

5-1/2" - PERFD W/192 - 1/4" HOLES PER FT., W/16 R x 1" C FROM 7949-7993', 8026-8125', 8132-8236'

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☑ No

DIVISION OF OIL AND GAS
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APR 18 1986
VENTURA, CALIFORNIA

Electrical log depths: ELECTRICAL LOG 8263'

Other surveys: NONE

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| Name | Title | |
|---|---|---|
| STANLEY W. BLOSSOM | OPERATIONS MANAGER | |
| Address | City | Zip Code |
| P.O. BOX 55060 | VALENCIA | 91355 |
| Telephone Number | Signature | Date |
| (805) 257-6200 | Stanley W. Blossom | 4/7/86 |

SUBMIT IN DUPLICATE

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator Sun Exporation and Production Company Sun Production Division Field or County Newhall Potrero
Well Rancho San Francisco 57, Sec. 26, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12869 Name STANLEY W. BLOSSOM (Person submitting report) Title Agent (President, Secretary or Agent)
Date 4-17 1986

Signature Stanley W. Blossom

Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1986 | |
| 3/19 | TD 8263'/7", 23#, 26#, J-55 & N-80 CSG @ 7928'/5½", 17# N-80 LNR @ 7906-8262'/ PERFS @ 7949-7993'/8026-8125', 8132-8236'/3RD ZONE/WELL RECOMMENDED TO BE P&A/ MIRU WELLTECH RIG #459/INSTALL CLASS II BOPE, TESTED SAME/RIG UP DOWELL WITH SEAL ASSEMBLY STABBED IN, PRESSURED TO 2000 PSI/PULLED TO 7180', RELEASED FRM PKR/ DOWELL PMPD 44 CF CMT, DISPL W/WTR/DOG WITNESSED AND APPROVED/CHANGE OVER TO 80# ROTARY MUD FRM 2600' TO 7820', 200 BBLS/POH W/TBG/SIFN/ |
| 3/20 | POH, LAYED DN 160 JTS TBG TO 2611'/DOWELL PMPD 153 CF CMT PLUG, DISPL W/10 BBLS MUD/POH, WOC/RIH, TAG CMT @ 2461'/RIG UP DOWELL PMP 153 CF CMT PLUG AND DISPL/ POH/SIFN/ |
| 3/21 | RIH, W/TBG, TAG CMT @ 2020'/DOG WITNESSED AND APPROVED/RIG UP PENGO/SHOT CAVITY SHOT @ 1150'/RIH, W/TBG TO 1156'/DOWELL PMPD 178 SXS CLASS "G" CMT/POH, AND WOC/RIH, W/TBG, DID NOT TAG CMT/HUNG TBG TAIL @ 1156'/DOWELL PMPD 189 CF CLASS "G" CMT/EST TOP OF CMT @ 453'/POH, W/TBG/SIFN/ |
| 3/22 | RIH, W/TBG TAG PLUG @ 939'/DOG WITNESSED AND APPROVED/LAY DN TBG/RIG UP PENGO/CUT 7" CSG @ 75'/STABBED INTO CSG W/SPEAR/PULLED CSG LOOSE/LAY DN CSG/RIH, W/186' OF TBG/DOWELL PMPD 138 CF CLASS "G" CMT TO SURFACE/POH W/TBG/RDMO/RIG RELEASE @ 7:00 PM 3-21-86/DROP FRM REPORT PENDING SURFACE CLEANUP AND ABANDONMENT/ |
| 3/31 | DROPPED FRM REPORT 3-21-86/SURFACE CLEANUP & RESTORATION WRK COMPLETED AND APROVD BY PAM CECCARELLI OF D.O.G./FINAL REPORT/ |

DIVISION OF OIL AND GAS
RECEIVED
APR 18 1986
VENTURA, CALIFORNIA

OG103 (4-77-GSR1-10M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 286-92

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Ventura, Calif.
March 27, 1986

Your operations at well "Rancho San Francisco"57, API No. 037-12869, Sec. 26, T. 4N, R. 17W SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 3/24/86. P. Ceccarelli, representative of the supervisor, was present from 0800 to 0830. There were also present Dan Mullin, Well Tech, Jerry Burt, Sun Rep.

Present condition of well: 13 3/8" cem 317'; 7" cem 7928', bad csg 2105', 2344-2504', cav shot 1150', pulled from 75'; 5 1/2" ld 7906-8262', perfs 7949-8236', TD 8263'. Plugged w/cem 7820-7620', 2611-2020', 1156-939' and 186-5'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

M.G. MEFFERD

Murray W. Dosch

Murray W. Dosch

OG109 (9/83/GSR1/15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P286-92

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
20 (new pool code)
20 (old pool code)

Stanley W. Blossom, Agent
Sun Explor. & Prod. Co.
25322 W. Rye Canyon Road
Valencia, CA 91355-0560

Ventura, California
March 19, 1986

Your _____ proposal to abandon well "Rancho San Fracncisco" 57, A.P.I. No. 037-12869, Section 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, any area, 3rd pool, Los Angeles County, dated 3/11/86, received 3/12/86 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class II 2M shall be installed and maintained in operating condition at all times.
3. All portions of the hole not plugged with cement shall be filled with inert mud fluid having a minimum density of 72 lbs./cu.ft. and a minimum gel shear strength (10 min) of 20 lbs./100 sq.ft., (30 sacks of Bentonite per 100 bbls. of water).
4. The 7" casing shall be cavity shot at 1150'.
5. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
6. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS the location and hardness of the cement plug at 7800'.
   b. TO WITNESS the filling of the hole with mud fluid.
   c. TO WITNESS the location and hardness of the cement plug at 2000'.
   d. TO WITNESS the location and hardness of the cement plug at 1050'.
   e. TO WITNESS the placing of the cement plug from 150' to surface.
   f. TO INSPECT the well site after cleanup and restoration operations are completed.

PC:ljg

Surface inspection OK 3/25/86 pmc

Engineer Pam Ceccarelli

Phone (805) 654-4761

M. G. MEFFERD, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (3/85/DWRR/5M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 12 1986
VENTURA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco 57, API No. 037-12869, Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on March 17, 1986.

The present condition of the well is: STG

1. Total depth: 8263' TD

2. Complete casing record, including plugs and perforations:
See Attached.

3. Last produced N/A (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected 9/85 377 N/A 1675 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 1050'

The proposed work is as follows:
See Attached.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 West Rye Canyon Road (Street)
Valencia (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200 (Area Code) (Number)

SUN EXPLORATION & PRODUCTION CO (Name of Operator)
By STANLEY W. BLOSSOM (Print Name)
Stanley W. Blossom by TWC (Signature) 3-11-86 (Date)

OG108 (11-78-GSRI-5M)

STATE OF CALIFORNIA-RESOURCES AGENCY

GEORGE DEUKMEJIAN, *Governor*

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

146 SOUTH OJAI STREET, P. O. BOX 67

SANTA PAULA, CALIFORNIA 93060

(805) 525-2105

August 16, 1985

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Re: "Rancho San Francisco" 57
Newhall-Potrero field

Gentlemen:

In January of this year, a letter sent to your office requested several holes in the 7" casing be repaired to ensure fresh water formations are adequately protected. In addition, a time limit of 30 days was allotted to have the work completed or to request a time limit extension.

We have not received any correspondence confirming that this work was completed. If the work was completed, please forward a history of the operation to this office. If the work was not completed, please file with this office a Notice of Intention to Rework Well (Form OG107) by August 26, 1985. Then by September 14, 1985, work required to repair holes in the 7" casing shall be complied with or approval to inject into this well will be rescinded.

Michael Stettner

Michael Stettner
Operations Engineer
Attachment

MS/RICK ORMES 8-20-85

. WELL STATUS IS SHUT-IN

. SCHEDULED FOR ABANDONMENT

STATE OF CALIFORNIA-RESOURCES AGENCY

GEORGE DEUKMEJIAN, *Governor*

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
146 SOUTH OJAI STREET, P. O. BOX 67
SANTA PAULA, CALIFORNIA 93060
(805) 525-2105

January 9, 1985

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Re: "Rancho San Francisco" 57
Newhall-Potrero field

Gentlemen:

A recent examination of the mechanical condition of "RSF" 57 revealed holes in the casing at 2105', 2344', and 2504'. These holes should be repaired to insure fresh water zones are adequately protected and that the injected fluid is confined to the zone of intent.

If this work cannot be done by February 11, 1985, contact Rob Habel of this office to arrange for an extension or to answer any questions you may have. Thank you for your cooperation.

Michael Stettner

Michael Stettner
Operations Engineer
MS:b

STATE OF CALIFORNIA-RESOURCES AGENCY

GEORGE DEUKMEJIAN, *Governor*

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
146 SOUTH OJAI STREET, P. O. BOX 67
SANTA PAULA, CALIFORNIA 93060
(805) 525-2105

January 9, 1985

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Re: "Rancho San Francisco" 57
Newhall-Potrero field

Gentlemen:

A recent examination of the mechanical condition of "RSF" 57 revealed holes in the casing at 2105', 2344', and 2504'. These holes should be repaired to insure fresh water zones are adequately protected and that the injected fluid is confined to the zone of intent.

If this work cannot be done by February 11, 1985, contact Rob Habel of this office to arrange for an extension or to answer any questions you may have. Thank you for your cooperation.

Michael Stettner

Michael Stettner
Operations Engineer
MS:b

FORM 103

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
OCT 23 1974
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

OPERATOR SUN OIL COMPANY (DELAWARE) FIELD Newhall-Potrero

Rancho San Francisco
Well No. #57-33A, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Date October 22, 1974 Signed S M Burns

23928 Lyons Avenue
Newhall, California, 91321 (805) 259-2440 Title Agent
(Address) (Telephone Number) (President, Secretary or Agent)

S.M. Burns, Dist. Prod. Mgr.

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

| Date | |
|---|---|
| | Conversion to WIW |
| 1974 | |
| 7/11 | MIRU. Installed BOE. Pull packer to 7831', 80000#, stopped. Pulled up 1 jt before stopping. |
| 7/12 | Rigged up McCullough. Ran chemical gun to 7803' and shot 2¼" holes. Packer came loose. POH. Ran Baker retrieva "D" packer. Set at 7806'. Rigged down McCollough. Made up packer seal assembly. Run tbg, test to 4500#. Landed tbg. RDMO. |
| 7/13 | Tried to press up. Took water. Hole in csg. |
| 7/15 | Remove X-mas tree, install BOE. POH. Rigged up McCollough. Ran csg insp. log 0-7806'. Holes at 2504', 2344', 2165'. Ran Bond log top cmt 6036'. RD McCollough. Made up seal assembly. Run tbg. Install X-mas tree. RD and moved out. |
| 8/6 | Began water injection. |
| 9/3 | Geotex ran R A Tracer, temperature, spinner, injection profile survey. Survey showed fluids confined below 7949'. Packer seal approved by DOG. |

FORM 109

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Report on Operations

No. T 274-320

Mr. Phillip T. Wall, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, California 91321

Santa Paula, Calif.
September 20, 1974

DEAR SIR: (037-12869)

Operations at well No. "Rancho San Francisco" 57-33A Sec. 26, T. 4N, R. 17W, S.B. B & M. Newhall-Potrero Field, in Los Angeles County, were witnessed on Sept. 3, 1974. Mr. L. Bright, representative of the supervisor was present from 1130 to 1400. There were also present Mr. K. Lyon, engineer

Present condition of well: No additions to casing record since proposal dated June 28, 1974.

The operations were performed for the purpose of demonstrating that the injected fluid is confined to strata below 7949'.

Mr. _____ reported:

THE OPERATIONS WITNESSED ARE APPROVED AS INDICATING THAT THE INJECTED FLUID IS CONFINED TO STRATA BELOW 7949' AT THIS TIME.

b

JOHN F. MATTHEWS, JR.
State Oil and Gas Supervisor

By [signature] Deputy

59471-705 1-72 20M ② OSP

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

RECEIVED JUL 5 1974 SANTA PAULA, CALIF.

Newhall Calif. June 28 19 74

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San Francisco 57-~~3A~~ 33A (Cross out unnecessary words), Sec. 26, T. 4N, R. 17W, SB B. & M.

Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 8263

2. Complete casing record, including plugs:

13 3/8" x 52.74 # @ 317' w/ 300 sx
7" x 23# & 26# @ 7927' w/ 600sx
5½" x 16.87# Liner 7905' - 8262
PERFS: 7949-7993, 8026-8236

3. Last produced. 7/1969 (Date) 3 BO (Oil, B/D) 0 BW (Water, B/D) 714 (Gas Mcf/D)

The proposed work is as follows:

1. Pull production tbg & packer.
2. Run tbg with injection packer set pkr. 100' above liner.
3. Connect to WI system, begin injection.
4. Run ratracer & spinner survey.
5. If profile not okay, spot CMT plug from TD to 8127.
6. Run ratracer & spinner survey.
7. Load annulus w/ treated water.

| | | | | | |
|---|---|---|---|---|---|
| | | | | 714 | |
| | | | BB | ✓ | ✓ |

23928 Lyons Avenue
Newhall, California 91321
(Address)

(805) 259-2440
(Telephone No.)

SUN OIL COMPANY (DELAWARE)
(Name of Operator)

By S M Burns

24226-705 8-68 15M OSP

FORM 157

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North LaBrea Avenue
Inglewood, California, 90302

November 20, 1963

Mr. J. O. McDonald
Route 1, Box 125
Newhall, California
Agent for MURRAY DE OIL COMPANY

See corrected form 157 and list dated July 31, 1964, on "Rancho San Francisco" 12-12

DEAR SIR:

Your request dated November 11, 1963, relative to change in designation of well(s) in Sec. 21, 26 & 27, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero field, Los Angeles County, District No. 1, has been received; and in accordance with Section 3203, Public Resources Code, reading in part as follows:

> "* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

(See attached list)

cs

cc Mr. E. R. Murray-Aaron
Production Dept.
Conservation Comm.

E. R. MURRAY-AARON
*State Oil and Gas Supervisor*

By Wm. C. Bailey
*Deputy Supervisor*

55499 12-61 4M △ SPO

| | Old Designation | New Designation |
|---|---|---|
| Sec. 26-4N-17W | "Rancho San Francisco" 12-123 | "Rancho San Francisco" 12-12 |
| Sec. 27-4N-17W | "Rancho San Francisco" 13-1 | "Rancho San Francisco" 13-13 |
| | "Rancho San Francisco" 17-1 | "Rancho San Francisco" 17-11B |
| | "Rancho San Francisco" 46-3 | "Rancho San Francisco" 46-3A |
| Sec. 26-4N-17W | "Rancho San Francisco" 52-3 | "Rancho San Francisco" 52-33A |
| | "Rancho San Francisco" 57-3 | "Rancho San Francisco" 57-33A |
| Sec. 27-4N-17W | "Rancho San Francisco" 62-3 | "Rancho San Francisco" 62-33A |
| Sec. 27-4N-17W | "Rancho San Francisco" 67-3 | "Rancho San Francisco" 67-33A |
| Sec. 27-4N-17W | "Rancho San Francisco" 86-3 | "Rancho San Francisco" 86-33A |
| | "Rancho San Francisco" 112-3 | "Rancho San Francisco" 112-3A |
| | "Rancho San Francisco" 114-3 | "Rancho San Francisco" 114-3A |
| | "Rancho San Francisco" 121-6 | "Rancho San Francisco" 121-3 |
| | "Rancho San Francisco" 124-7 | "Rancho San Francisco" 124-67 |
| Sec. 26-4N-17W | "Newhall Corp.-Wolfson" 2 | "Newhall Corp.-Wolfson" 2-7 |

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL T LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA NLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 21 1948
LOS ANGELES, CALIFORN.

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field Newhall Potrero

Well No. Rancho San Francisco #57-3 Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Location 3789.33'S. & 7420.63'E. from corner "J" Elevation of ~~ground or~~ kelly bushing conc. mat above sea level 1368 feet. 1359.35

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date February 18, 1948 Signed R. E. Fors.

R. M. Bischoff (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 7-1-46 Completed drilling 9-21-46 Drilling tools Rotary

Total depth 8263 Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 9-23-46 (date) Flowing ~~/gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 276 | 31.5 | 22 | 900 | 200 | 600 |
| Production after 30 days | 260 | 32.8 | 0.1 | 212 | 110 | 450 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8 | 317 | Surface | 52.74 | New | Smls. | J 55 | 17½ | 300 | |
| 7 | 7927 | " | 23 & 26 | " | " | N80, J55 | 11 | 600 | |
| 5½ | 8262 | 7905.77 | 16.87 | " | " | N 80 | 6 1/8 | | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 7905.77 ft. | 8262.00 ft. | 192 ¼" holes per ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 12

Electrical Log Depths 8263' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 21 1948
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD Newhall-Potrero

Well No. Rancho San Francisco #57-3, Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fres.

Date February 17, 1948 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1946 | |
| 7-1 | Spudded in with 17½" bit. |
| 2 | Reduced 17½" hole to 11" at 317'. Drilled ahead to 325'. Ran and cemented 319.28' of 13 3/8" 52.74# J55 casing at 317' with 300 sacks Colton Const. cement (112# slurry). Lost circulation with 100 c.f. displ. or 198 c.f. cement out of pipe. Set 1" pipe on outside to 55'. Pumped in 40 sx. Colton Const. cement (125# slurry) with treated water. Filled to surface. |
| | Depth 325'. Found top cement at 307'. Landed casing. |
| 4 | Depth 619'. Cemented with 55 sacks Victor Const. cement, 3% gel., treated with CaCl2 through 546' of 5 9/16 22.2# F.H. hung at 543'. 113# slurry. Lost returns while mixing, regained while displ. with 62 c.f. mud. Pulled up 1½ stands. Filled hole with 16 c.f. and squeezed 32 c.f. 85' cement returns. |
| 21 | Depth 7920'. First run Schlumberger electric log. |
| 24 | Reduced hole to 7 5/8" at 7984'. |
| 9-2 | Depth 8199'. Ran Schlumberger electric log. Lost schlumberger tools in hole. |
| 4 | Depth 8199'. Schlumberger electric log. Ran and cemented 7957.97' of 23# & 26# 7" casing at 7928' with 600 sacks Colton Slow cement. Displ. with 1700 c.f. mud. Plugs bumped 50' early. Laid running plug from 7950 to 7928'. Landed casing. |
| 8 | Ran Sperry-Sun survey at 7850'. Reduced hole to 6 1/8" at 7880'. |
| 9 | Depth 7932'. Ran Johnston tester. Set at 7902' with tailpiece to 7922'. Valve open one hour through 3/8" bottom bean. Medium strong blow decreasing to medium steady blow. Net rise 16½ stands (10½ bbls.), or 1450'. 8½ stands gas cut mud with trace of oil, and 8 stands water, 70 g/g, with some mud and oil. WSO approved by Betts of DO&G. Drilled ahead to 7954' with 6 1/8" bit. |
| 10 | Opened hole with 10 5/8" wall scraper from 7928 to 7955'. |
| 13 | Depth 8202'. Ran Schlumberger electric log. Drilled ahead to 8211'. |
| 19 | Depth 8263'. Ran Schlumberger electric log. |
| 20 | Ran 356.23' of 5½" O.D. 17# Hydril 2 step thd., perf. and blank liner. Burns hanger set with top at 7905.77' and bottom at 8262'. |

History - RSF 57-3 - 2-17-48

DIVISION OF OIL AND GAS
RECEIVED
FEB 21 1948
LOS ANGELES, CALIFORNIA

1946

9-21 Ran 2½" production tubing. Landed at 8209.19'.

| | Gross | Cut | Net | Bean | T.P. | C.P. | MCF | G/O | Grav. |
|---|---|---|---|---|---|---|---|---|---|
| 9-27 | 354 | 22% | 276 | | 200 | 600 | | 500 | 31.5 |
| 11-11 | 260 | .1 | 260 | | 110 | 450 | 212 | 815 | 32.8 |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T1-45576

Los Angeles 14, Calif. July 15, 1946

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 57-3 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by Paul Betts, Inspector, representative of the supervisor, on July 10, 1946. There was also present T. Prehoda, Superintendent, and A. G. Chancey, Drilling Foreman

Casing Record 13-3/8" cem. 319'. T.D. 2932' | Junk xxx

The operations were performed for the purpose of inspecting blowout prevention equipment

The inspector arrived at the well at 3:15 p.m. and Mr. Prehoda reported:

1. A 17-1/2" rotary hole was drilled from surface to 319'; an 11" rotary hole from 319' to 2932'.
2. On July 2, 1946, 13-3/8" 52.9 lb. casing was cemented at 319' with 300 sacks of cement.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole and for closing around the 5-9/16" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill-up line, with a 2" high pressure stopcock, into the 13-3/8" casing, below the above equipment.
4. A Hosmer type blowout preventer with packer to fit the 5-9/16" drill pipe.
5. An 8-5/8" shut-off gate on the mud discharge line.

The inspection was completed at 3:30 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

cc - Company

PB:ES

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

43395 3-45 15M
STATE PRINTING OFFICE

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-42180

Los Angeles 14, Calif. June 26, 1946

MR. R. E. Foss

Los Angeles 15, Calif.

Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Your proposal to drill Well No. 57-3, "Rancho San Francisco"

Section 26, T. 4 N., R. 17 W., S.B.B. & M., Newhall-Potrero Field, Los Angeles County,

dated June 21, 1946, received June 24, 1946, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 3789.33 feet S. and 7420.63 feet E. from Corner "J"

K. B. 1368

The elevation of the ~~derrick-floor~~ above sea level is 1365 feet

Conc. Mat 1359.35

We estimate that the first productive oil or gas sand should be encountered at a depth of about 8100 feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as herei indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemen |
|---|---|---|---|---|
| 13-3/8" | 52.74 | J-55 Slip Jt. | 300' | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 8100' | " |
| 5-1/2" | 17 | N-80 | 8300' | Hung |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed.
3. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
4. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To witness a test of the effectiveness of the 7" shut-off.
   (b) To inspect the installed blowout prevention equipment before drilling below 1000'.

CLB:OH

cc- Company

R
[illegible]

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Meesser Deputy

Blanket bond dated 8-25-41

FORM 105
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12869

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. June 21 1946

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 57-3, Sec. 26, T. 4 N, JLW R. 17 W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3789.33 feet ~~N.~~ or S., and 7420.63 feet E. or ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~derrick floor~~ K.B. ~~ground~~ Conc. Mat above sea level is 1368 1365 1359.35 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 8100 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 52.74 | J-55 Slip Jt. | 300' | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 8100' | " |
| 5-1/2" | 17 | N-80 | 8300' | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

Barnsdall Oil Company
(Name of Operator)

Telephone number RIchmond 5171

By R. E. Foss
R. E. Foss, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW. | 6-24-46 JLW | [illegible] | Blanket 8-25-41 | [illegible] | [illegible] |

Change of designation May 18, 1977 to "Rancho San Francisco" 57

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

December 29, 1980

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Your report of abandonment of well "Rancho San Francisco" 59 (Name and number), A.P.I. No. 037-12871, Section 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 12/18/80, received 12/22/80, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP SUM. | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | FT 1-3-81 | — | — | — | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor

John L. Hardoin

OG159 (11-76-GSR1-8M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 29 1980
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County Newhall-Potrero
Well Rancho San Francisco #59, Sec. 24, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12871 Name L. B. CARROLL, JR. (Person submitting report) Title Agent (President, Secretary or Agent)
Date 12/18/80, 19

Signature L B Carroll Jr.

23928 Lyons Avenue, Newhall, California 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1980 | |
| 10/14 | TD 8478/PBTD 8450/7" 23# & 26# CSG/CMT PLUG 8450-8478/PERFD 8232-8403/BKR MOD "G" PERM PKR @ 8028/WSO HOLES @ 7875/ CPS MIRU/BLED WELL DN/UNLANED TBG, STRIPPED ON BOE/RU CIRC PMP/FILL CSG, APPRX 1 BBL, PMPD DN TBG w IMMEDIATE RETNS FRM CSG/UNABLE TO REL MOD "D" STAB-IN SEAL ASSY FRM PKR/SIFN/ |
| 10/15 | RU McCULLOUGH WIRELINE, FREE-POINTED TBG @ 8012/CUT TBG OFF @ 8017/ DRUG TBG UP HOLE 85/STUCK UNABLE TO WRK FREE/FREE POINTED @ 7900, CUT TBG @ 7860/DID NOT CUT/STAND-BY FOR CUTTER/CUT TBG @ 7861/PULL & MEAS 253 JTS TBG OOH/SIFN/ |
| 10/16 | MU 7" 26# POSS SCRPR ON 2-7/8" TBG, RIH TO 7850/POH/MU 7" 26# BKR MOD "K" CMT RETNR ON 2-7/8" TBG, RIH, SET RETNR @ 7770/UNABLE TO HYDROTST TBG IN HOLE DUE TO SCALE BUILD-UP INSIDE TBG/RU HALIB, STABBED INTO RETNR, TSTD TBG TO 1000# PSI, OK/ESTABLISHD BRK DN OF 14 $FT^3$/MIN @ 1700# PSI/PO RETAINR/MIXD & PMPD 134 $FT^3$ CL "G" CMT, DISPL w 95 $FT^3$ LSE $H_2O$/STABBED INTO RETNR, & PMPD CMT BELOW RET @ 10 $FT^3$ MIN @ 1700# PSI, DISPL w 132 $FT^3$ LSE $H_2O$/PU TO 6000', REV. CIRC HOLE CLN/PU TO 4700/SWI @ 11 PM/ |
| 10/17 | RIH, TAGGED TOC @ 7663/DOG WITNESSED CHNG OVR TO 74# MUD/POH LAYNG DN EXCESS TBG/RU McCULLOUGH SHOT 4-½" HOLES @ 680/RIH & SET 7" 26# BKR MOD "K" CMT RETNR @ 670/RU HALIB, ESTABLISHED BRK DN w FRSH $H_2O$ OF 12 $FT^3$/MIN @ 200# PSI/MIXD & PMPD 90 $FT^3$ CL "G" CMT w 2% $CaCl_2$ @ 12 $FT^3$ MIN @ 200# PSI, BELOW RETAINR/UNSTABD FRM RETAINR, PMPD 22 $FT^3$ CL "G" CMT w 2% $CaCl_2$ DISPL w 15 $FT^3$ MUD/PU TO 90', MIXD & PMPD CMT TO SURF/REL HALIB/SWI @ 12 PM/ |
| 10/18 | TAGGED TOC @ 10' BELOW SURF/REMOVD BOE/REMOVD TBG HD/LOADED OUT TOOLS & EQUIP/RDMO @ 12:30 PM/DROP FRM REPT UNTIL CSG CUT OFF & LOCATION RESTOREMENT IS COMPLETE/ |
| 12/5 | 10-18 thru 12-4/REMOVD & DISP OF ALL CMT, FRM CELLAR PULLING UNIT PAD & DEAD MEN/CUT OFF CSG HD & CSG 10' BELOW GRND LEVL, WELD PLATE & MARKR ON CSG STUB/BKFILLED, & RESTORD LOCATION TO ITS ORIGINAL STATE/ ALL WITNESSED & APPROVD BY REP FRM D.O.G. ED HICKEY, 12-4-80/ ABANDONMENT COMPLETE/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 280-277

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Santa Paula, Calif.
Nov. 5, 1980

Your operations at well "Rancho San Francisco"59, API No. 037-12871, Sec. 26, T. 4N, R. 17W S.B., B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 10/16/80. Ed Hickey, representative of the supervisor, was present from 0730 to 1030. There were also present Jim Brittain, Sun Engineer

Present condition of well: additions to the casing record since proposal dated 10/7/80: 7" perf 680', plugged with cement 100 cf below retainer at 7770', 7770-7663', 90 cf below retainer at 670', 670-570', 90-5'.

The operations were performed for the purpose of abandoning the well

DECISION:

THE PLUGGING/CEMENTING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

b

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor
John L. Hardoin

OG109 (6-77-GSRI-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
OCT 8 1980
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO 59, API No. 037 12871, Sec. 26, T. 4N, R. 17W, SB B. & M., NEWHALL POTRERO Field, LOS ANGELES County. commencing work on OCTOBER 6, 19 80.

The present condition of the well is:

1. Total depth: 8478'
2. Complete casing record, including plugs and perforations:

SEE ATTACHMENT I

3. Last produced 2/25/79 (Date) 2 (Oil, B/D) 9 (Gas, Mcf/D) 18 (Water, B/D)

or

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands:

The proposed work is as follows:

SEE ATTACHMENT II

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Ave. (Street)
Newhall, California 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440 (Area Code) (Number)

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By [signature] (Signature) 10/7/80 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG108 (8-75—GSRI—15M)

RANCHO SAN FRANCISCO 59

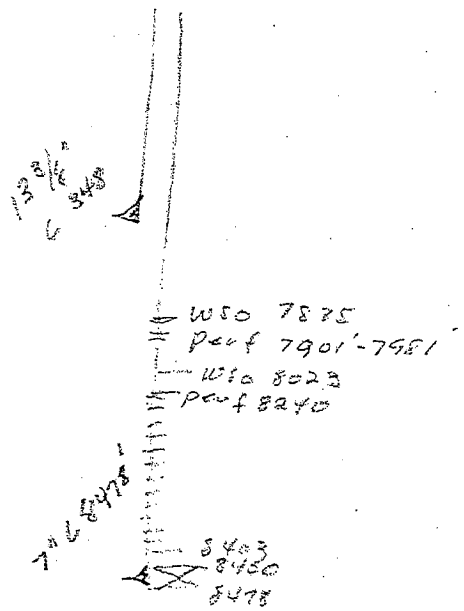
ATTACHMENT I

COMPLETE CASING RECORD

13 3/8" 52.7# Csg cmt'd at 348' w/300 sx.

7" 23#, 26# Csg cmt'd at 8478' w/600 sx.
Hole in casing 6468-6473 sqzd w/162 sx.
4-3/8" bullet holes 7875' W.S.O.
2-3/8" bullet holes/ft 7901-7981'
2-1/2" jet holes/ft 7901'-7981'
4-3/8" bullet holes at 8023' W.S.O.
4-3/8" bullet holes at 8024' Sqz'd w/17 sx.
Model 'D' packer at 8028'
4-1/2" bullet holes/ft 8232'-8403'
24-3/8" bullets 8240'-8260'
Cmt. plug 8450'-8478'

Perfs 7901'-7981'. Sqzd with 36 cu. ft. class N cmt. 366' of 1¼" tbg. Fish below Model 'D' packer.



RANCH SAN FRANCISCO #59

ATTACHMENT II

PLUG AND ABANDONMENT PROCEDURE

1. MIRU abandonment rig.

2. RU cementers. Establish breakdown rate and pressure with produced water. Pump 110 $ft^3$ class "G" cmt. (110% calculated volume). Pull out of packer. Pump 120 $ft^3$ class "G" cmt. Displace cmt with 270 $ft^3$ lse wtr (104% calculated volume of tubing). Pull up to 7000', reverse circulate tubing clean, WOC. Contact DOG. Tag TOC. PU to 6500', pump 50 $ft^3$ Cl "G" cmt followed by 211 $ft^3$ lse wtr. Pu to 6000', reverse tubing clean.

3. Fill hole with 72# mud (1700 bbls mud), POH.

4. Perforate 7" csg w/4½" shots at 680'.

5. RIH w/7" 26# FB pkr on work string. Set packer at 580'. Trap 500 psi on backside.

6. RU cementers. Establish breakdown pressure and rate. Pump 90 $ft^3$ class "G" cmt with 2% $CaCl_2$. Displace cmt with 20 $ft^3$ lse wtr. Release pkr, pull up 1 stand, reverse circulate tbg clean. POH. WOC. Contact DOG. Tag TOC.

7. Lay 25' cmt plug from 30' to 5' (5.5 $ft^3$). Contact DOG to witness. RDMO.

8. Cut csg 5' below surface and POH. Weld on plate and install well marker.

9. Remove cellar, pad and lines, clean up and fill in location. Contact DOG for approval.

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 15 1946
LOS ANGELES, CALIFORNIA

037-12871

## Notice of Intention to Drill New Well 5

This notice must be given and surety bond filed before drilling begins.

Los Angeles Calif. August 12 1946

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 59-3, Sec. 26, T. 4 N., R. 17 W., SB B. & M., Newhall Potrero Field, Los Angeles County. P.W.B.

Lease consists of

The well is 2536.09 feet [redacted] or S., and 5444.70 feet E. [redacted] from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor ~~ground~~ above sea level is 1208 1205 1198.96 feet.
Conc. mat

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7850 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74 | J-55 | 350 | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 7850 | " |
| 5½" | 17 | N-80 | 8000 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. E. Foss
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| Map | Map Book | Cards | Bond | Forms 114 | Forms 131 |
|---|---|---|---|---|---|
| 18 | 8-15-46 P.W.B | Emd | Blanket 8-25-41 | Emd | Emd |

FM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-42389

Los Angeles 14, Calif. August 21, 1946

Mr. R. E. Foss

Los Angeles 15, Calif.

Agent for BARNSDALL OIL COMPANY

Dear Sir:

Your proposal to drill Well No. "Rancho San Francisco" 59-

Section 26, T. 4 N., R. 17 W., S.B.B. & M., Newhall-Potrero Field, Los Angeles County,

dated Aug. 12, 1946, received Aug. 15, 1946, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 2536.09 feet S., and 5444.70 feet E. from corner "J"

The elevation of the derrick floor above sea level is 1208 / 1205 / 1198.96 feet.
conc.mat

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7850 feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them herein indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74 | J-55 | 350 | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 7850 | " |
| 5½" | 17 | N-80 | 8000 | Hung |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed.
3. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
4. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 1000'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

Records Filed
100 1-3-47
101
103 1-3-47
E. Log

cc - Company

AH:ES

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

Blanket bond dated 8/25/41

FORM 107. 50672 9-51 15M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
OCT 15 1959

# Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. September 20 1959

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging~~ or altering casing at Well No. "Rancho San Francisco" #59-1, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 8478'

2. Complete casing record.

13 3/8" 52.7# Smls S.J. Csg cmtd at 348' w/300 sx.
7" 23#,26# J-55, N-80 Csg cmtd at 8478' w/600 sx.
4 - 3/8" bullet holes at 7875' - W.S.O.
2 - 3/8" bullet holes per foot 7901' - 7981'.
4 - 3/8" bullet holes at 8023' - W.S.O.
4 - 3/8" bullet holes at 8024' - Sqzd. w/17 sx.
24 - 3/8" bullet holes in interval 8240' - 8260'.

3. Last produced. March 30, 1959 (Date) 7 B/D (Net Oil) 33.0° (Gravity) 0.1% (Cut)

The proposed work is as follows:

1. Reperforate 7901' to 7981' with 2 - 1/2" jet holes per foot.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY MID-CONTINENT OIL CO.
(Name of Operator)

By J. O. McDonald
J. O. McDonald, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

DIVISION OF OIL AND GAS
RECEIVED
AUG 21 1961
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

THIS NOTICE MUST BE GIVEN BEFORE WORK BEGINS; ONE COPY ONLY

Newhall Calif. August 18 1961

DIVISION OF OIL AND GAS

Inglewood Calif.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San Francisco #59-1, Sec. 26, T. 4W, R. 17W, SB B. & M.

(CROSS OUT UNNECESSARY WORDS)

Newhall - Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 8478
   Plug Depth 7990'

2. Complete casing record.
   13 3/8" 52.7# smls. S.J. Csg. Cmtd. at 348' w/300 sx.
   7" 23#, 26#, J-55, N-80 Csg. Cmtd. at 8478' w/600 sx.
   4- 3/8" Bullet Holes at 7875' - W.S.O.
   2- 3/8" Bullet Holes/ft.7901' - 7981'
   2- 1/2" Jet Holes/ft. 7901 - 7981'
   4- 3/8" Bullet Holes at 8023' - W.S.O.
   4- 3/8" Bullet Holes at 8024' Sq. w/175 sx
   24- 3/8" Bullet Holes 8240' - 8260'
   Cmt. Plug 7990' - 8052'; 8272' - 8478'

1st Zone

3. Last produced. Presently (DATE) 11 B/D (NET OIL) 33.5 (GRAVITY) 21.5 (CUT)

The proposed work is as follows:

1. Kill well with lease salt water w/surfactant added.
2. Drill out plugs to 8450' ±.
3. Perforate 3A Zone (8232'-8403') w/4-1/2" Jet holes/ft.
4. Shock 1st Zone and 3A Zone.
5. Run injectivity test on 3A Zone.
6. Set Model "D" packer at 8028'±.
7. Run 2 7/8" Tbg. w/sliding sleeve and latch into packer.
8. Run 1.660 Tbg. w/Model "C" packer inside 2 7/8" Tbg string.
9. Put 1st Zone on gas lift and 3A Zone on water injection at 500 B/D.

Sunray Mid-Continent Oil Company
(NAME OF OPERATOR)

By F. O. McDonald - Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

SUBMIT LOG IN DUPLICATE

FILL LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 3 1947
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Barnsdall Oil Company "Rancho San Francisco" Field Newhall Potrero

Well No. (R. S. F.) 59-1 Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Location 2536.09'S. & 5444.70'E. from Cor. "J" Elevation of K. B. → 1208 derrick floor 1205 ground above sea level 1198.96 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined ~~from all available records~~.

Date Dec. 7, 1946 Signed R. E. Foss

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 8-30-46 Completed drilling 11-26-46 Drilling tools ~~xxxxxxxxxx~~ Rotary

Total depth 8478 Plugged depth 7979

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 11-26-46 (date) Flowing ~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 559 | 33.3 | 2.1 | 292 | 260 | 975 |
| Production after 30 days | 198 | 34.3 | 0.5 | 151 | 625 | 2050 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8 | 348 | Surface | 52.74# | New | Smls. | Slip Jt. | 17¼ | 300 | |
| 7" | 8478 | Surface | 23.26 | " | " | J55 & N80 | 11 | 600 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 7981 ft. | 7901 ft. | 3/8" holes (2 per foot) | | | Gun |
| | 8240 ft. | 8260 ft. | " " (from history) | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

| P | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | M |

Electrical Log Depths 8457' (Attach Copy of Log)

RM 103. 39946 11-44 25M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 13 1947
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Barnsdall Oil Company FIELD Newhall Potrero

Well No. "Rancho San Francisco" (R.S.F.) 59-1, Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fox

Date December 7, 1946 Title Agent
(President, Secretary or Agent)

Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance. Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1946 | |
| 1946 8-30 | Spudded in, drilling 11" hole |
| 9- 1 | Depth 348'. Reamed with 17¼" to 348'. Cemented 13 3/8", 52.74# casing at 348' with 300 sacks Colton Construction cement cont. 2½% gel. |
| 9- 2 | Found top of plugs at 336'. Drilled ahead with 11" bit. |
| 11- 7 | Depth 8484'. 11" hole to 8477'. Cemented 7" 23# and 26# J-55 & N-80 casing at 8478'. with 600 sacks Colton slow cement. |
| 11-11 | Found top of cement at 8267'. Drilled out to 8270'. |
| 11-13 | Perf. 7" casing with 4 - 3/8" holes at 8024'. Set Johnston tester at 7912' (3d try). Moderate heading blow for 69 minutes, with 18.4 bbl. entry of oily gassy mud, no water. |
| 11-14 | Ran Halliburton squeeze tool, set at 7994', and cemented with 50 sacksColton slow; squeezed 13 c.f. at 4900#; and 49 minutes later squeezed 6 c.f. at 5500#. |
| 11-15 | With Halliburton squeeze tool located leaky collar at 8009'. |
| 11-16 | Perforated 4 - 3/8" holes at 8023'. |
| 11-17 | Set Johnston tester at 8017'. Light steady blow for first 5½ minutes of 60 minute test, and dead for remainder. Net entry of 0.9 bbls. of heavy mud. WSO approved by DO&G. |
| 11-18 | Perforated 8260-8240 with 24 - 3/8" holes. Set Johnston tester at 8187', and swabbed fluid from 3500 to 6200'. Water and scum of oil entered at 70 B/D rate; 301 grains per |
| 11-21 | With 2½" tubing hung at 8052', pumped 20 sacks Colton slow cement. |
| 11-22 | Found top of cement at 7979'. Perforated 4 - 3/8" holes at 7875'. Set Johnston tester a 7853', with tailpiece to 7870', and 970' mud cushion. Open for 31 min. Entry of 1.1 bbls. of medium to thin mud, and small amount of gas. WSO approved by DO&G. |
| 11-23 | Perf. 7" casing 7981-7901', with 160 - 3/8" holes. |
| 11-25 | Ran 2½" tubing to 7688'. |
| 11-26 | Well flowing. |

| | Net | Cut | Grav. | Bean | TP | CP | GOR |
|---|---|---|---|---|---|---|---|
| 11-27 | 559 | 2.1 | - | 29/64 | 260 | 975 | 525 |
| 28 | 371 | 1.7 | 33.3 | 24 | 400 | 1380 | 531 |
| 29 | 238 | 0.4 | - | 17 | 550 | 1775 | 571 |
| 30 | 187 | 0.6 | - | 10 | 600 | 1900 | 583 |

| MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|
| | | | | |

OPERATOR Sun Oil
LSE & NO RSF 59
MAP 253

| | (1) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| ENTION | ABD | | | | | |
| NOTICE DATED | 10-7-80 | | | | | |
| P-REPORT NUMBER | 280-355 | | | | | |
| CHECKED BY/DATE | ET 12-30-80 | | | | | |
| MAP LETTER DATED | 1-3-81 | | | | | |
| SYMBOL | * | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-8-80 | | | | | | | | | | | |
| HISTORY | 12-22-80 | X | | | | | | | | | | |
| SUMMARY | | X | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| ECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | JR | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED 12-27-80

RELEASED BOND _____

REMARKS: Final surface inspection 12-4-80. Site graded, no seepage. EPA

FORM 170. 63579 4-62 5M ② SPO

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 7 1962
INGLEWOOD, CALIFORNIA

## NOTICE OF RECORDS DUE

830 North La Brea Avenue
Inglewood Calif.

August 3, 1962

~~MR.~~ Sunray DX Oil Company
Route 1, Box 128
Newhall, California

~~In accordance with Division 3 of the Public Resources Code of California the following records are due, covering the~~

Re. ~~of~~ your well (~~#~~) No. Rancho San Francisco 59-1, 3A

Sec. 26, Tp. 4N, R. 17W, B. & M., Newhall-Potrero
(Field or County)

- ☐ Well summary (Form 100)
- ☐ Drillers log (Form 101) NOTE: Not required if electric log is filed.
- ☐ Core record (Form 101)
- ☐ History (Form 103)
- ☐ Electric log: One copy each, 1" = 50 ft. and 1" = 100 ft.
- ☐ Production report (Form 110) for months of
- ~~☐~~ ☒ Other: We note that this waterflood well has been shut in since December, 1961. If you can, would you please let us know what your intentions are concerning this well in the future? If you start injecting into it again please file its injection on a Form 110-B separate from the other wells which are Disposal wells. We keep separate records on Waterflood wells and Water Disposal wells. You may make your notations on the bottom of this letter and return it.

These records should be submitted *in duplicate* as soon as possible.

Please be sure that the records are signed in the spaces provided.

Future intentions concerning RSF 59-1, 3A are indeterminate at this time. A separate Form 110-B will be used, as requested, if injection operations are resumed.

J. McDonald
Agent

Wm. C. Bailey
WM. C. BAILEY Deputy Supervisor

By Naomi A. Peterson
Naomi A. Peterson Senior Account Clerk

FORM 157

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North La Brea Avenue
Inglewood, California

September 26, 1961

Mr. J. O. McDonald
Route 1, Box 128
Newhall, California
Agent for SUNRAY MID-CONTINENT OIL COMPANY

DEAR SIR:

Your request dated September 21, 1961, relative to change in designation of well(s) in Sec. 26, T. 4 N., R. 17 W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, District No. 1, has been received; and in accordance with Section 3203, Public Resources Code, reading in part as follows:

> "* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

Well No. "Rancho San Francisco" 59-1 will hereafter be known as your well No. "Rancho San Francisco" 59-1,3A.

| CORRECTIONS NOTE AT LOCATION | BY WHOM |
|---|---|
| FORM 114 | |
| " 115 | |
| " 121 | |
| " 1[illegible] | |
| CASING [illegible] | EB |
| [illegible] | |
| [illegible] | |
| FIELD MAP 9-26-61 | RB2 |
| MAP BOOK 9-26-61 | RB2 |

DER:eb
CC- Mr. E. H. Musser
Prod. Dept.
Conservation Committee
Company

E. H. MUSSER
*State Oil and Gas Supervisor*

By Wm C Bailey
*Deputy Supervisor*

SPO

E H MUSSER

August 23 1961

WATERFLOOD PROJECT
Sunray Mid-Continent
Oil Co.
Well No. "Rancho San
Francisco" 59-1
Newhall-Potrero Field
3A Zone

Inglewood

Enclosed is report No. 161-822 dated August 23, 1961, in triplicate, issued in answer to a proposal filed by Sunray Mid-Continent Oil Company to inject water into the 3A zone in well No. "Rancho San Francisco" 59-1. Also enclosed are a cross section, a contour map, and copy of a letter from Sunray Mid-Continent Oil Company containing details of this project and requesting cancellation of the proposal dated May 4, 1961, to convert well No. "Rancho San Francisco" 75-3A to waterflood. The present proposal is to use well No. "Rancho San Francisco" 59-1 as a waterflood well in place of well No. "Rancho San Francisco" 75-3A. Although the surface locations of these two wells are relatively close, in the 3A zone well No. "Rancho San Francisco" 59-1 is several hundred feet lower structurally than well No. "Rancho San Francisco" 75-3A; and, being so located structurally, is well below the oil-water interface in the area.

The injection fluid will be commingled waste water produced from all zones in the field. The waste water ranges from 300 to 400 G/G sodium chloride and the 3A zone water tests about 385 G/G sodium chloride.

The company proposes to inject water into the 3A zone and continue to produce from the 1st zone. This will be accomplished as follows: The 7-inch casing will be perforated from 8403 to 8232 feet, which is opposite the 3A zone. A packer will be set at 8028 feet and 2 7/8-inch tubing run and latched into the packer. Water injection into the 3A zone is to be through 1.66-inch tubing on a packer set inside the 2 7/8-inch tubing. A sleeve in the 2 7/8-inch tubing will allow the first zone to be produced by gas lift through the annulus between the 1.66-inch and 2 7/8-inch tubings.

A water shut-off test of the 7-inch casing at 8023 feet was approved; and, inasmuch as injection is to be through tubing on a packer, there is adequate assurance that the water will be injected into and be confined to the 3A zone.

Additional protection for the fresh water at 150± feet is provided by 13 3/8-inch casing cemented from 348 feet to the surface. It appears unlikely that any damage will result from the proposed injection.

Deputy Supervisor

DER:rw

Encls

FORM 157

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North La Brea Avenue
Inglewood, California

March 21, 1963

Mr. J. O. McDonald
Route 1, Box 128
Newhall, California
Agent for SUNRAY DX OIL COMPANY

DEAR SIR:

Your request dated March 19, 1963, relative to change in designation of well (s) in Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero field, Los Angeles County, District No. 1, has been received; and in accordance with Section 3203, Public Resources Code, reading in part as follows:

> "* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

Well No. "Rancho San Francisco" 59-1,3A will hereafter be known as your well No. "Rancho San Francisco" 59-3A.

| Corrections Made as Follows: | By Whom |
|---|---|
| Form 114 | |
| " 115 | EB |
| " 121 | |
| " 148 | |
| Cards | |
| Production Reports | |
| Well Records ( Folders | |
| ( Reports | |
| Field Maps | |
| Map Book | |

JLZ:eb
CC- Mr. E. R. Murray-Aaron
Prod. Dept.
Conservation Committee

E. R. MURRAY-AARON
*State Oil and Gas Supervisor*

By _____
*Deputy Supervisor*

55499 12-61 4M △ SPO

OPERATOR Sun Explor + Prod. Co.
WELL NO. RSF '61
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | abd | | | | | |
| NOTICE DATED | 4-7-83 | | | | | |
| P-REPORT NUMBER | 283-86 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'd | NEED | REC'D | NEED | REC'D | NEED | REC'D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 4-11-83 | | | | | | | | | | |
| HISTORY | 5-17-83 | | | | | | | | | | |
| SUMMARY | 5-17-83 | | | | | | | | | | |
| E-LOG | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | |
| DIRECTIONAL | 6-2-83 | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | |
| CBL | | | | | | | | | | | |
| RECORDS COMPLETE | 5-21-83 | MF | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| ~~NEW~~ SURFACE INSP. | 6-20-83 RH | | | | | |
| FINAL LETTER OK | ✓ | | | | | |

FINAL LETTER MAILED 6/20/83

RELEASED BOND N/A

REMARKS:

OPERATOR DIN
LSE & NO [illegible]
MAP 250

| | (1) | (2) | (3) | (4) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | DRILL | Acid Csg | Plug & abandon | Redrill | | |
| NOTICE DATED | 2-20-47 | 5-13-76 | 3-22-78 ✓ | 11-3-78 ✓ | | |
| P-REPORT NUMBER | 1-43106 | 276-153 | 278-102 | 278-3[illegible] | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | 7/29/78 | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 2-25-47 | | 5-17-76 | | 3-30-78 | | 11-6-78 | | | | | |
| HISTORY | 9-23-47 | | 6-30-76 | | 7-19-78 | | 3-26-79 | | | | | |
| SUMMARY | 9/23/47 | | 8-11-77 | | — | | | | | | | |
| IES/ELECTRIC LOG | [illegible] | | | | | | 3-26-79 | | | | | |
| DIRECTIONAL SURV | | | | | | | | X | | | | |
| CORE/SWS DESCRIP | | | | | | | 2-27-79 | | | | | |
| OTHER | | | WSC 7-15-76 | | | | COLR NEU FM DEN | 3-26-79 | | | | |
| RECORDS COMPLETE | | | 8-16-77 MK | | | | | | | | | |

ENGINEERING CHECK

T-REPORTS
OPERATOR'S NAME
WELL DESIGNATION
LOC & ELEV
SIGNATURE
SURFACE INSPECTION
FINAL LETTER OK

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS:

Aug 10 1978
Neil Mapplende
M. Bosch
1. Run & set pkr at top of zone below bad
with tubing 100 long
2. Drilled through
up. Drilled at top of shoe
Casing not cemented
95% in casing
above shoe & behind casing.
Run & set packer
1. Set above shoe
2. Squeeze up hole, perfs
3. Mill window
4. Run & set packer
1. Run & set packer
2. Squeeze perfs
3. Mill window
4. Drill
1. Run & set packer
2. Squeeze perfs
3. Mill window
4. Drill

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED
MAR 30 1978
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be ~~canceled~~ cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCHSCO ~~#3~~ 61, API No. 037-~~12621~~ 12873,

Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 10,180'

2. Complete casing record, including plugs and perforations:
   13-3/8", 54.5#, surf. csg. cmt @ 251'.
   9-5/8", 32.3#, 35# and 40# csg cmt @ 8071'.
   Perfs - 1 hole/ft: 7626-7670
   7709-7833
   Retrievable bridge plug @ 7900
   7", 29# and 32# csg cmt @ 9893.
   Csg cut @ 8000' (8000' recovered).
   Drillable bridge plug @ 9538.
   5½", 17#, slotted liner hung @ 9873'; btm @ 10180'.
   Slots 9915-10180'.

3. Present producing zone name 3rd Zone Zone in which well is to be recompleted 3rd Zone

4. Present zone pressure 1735 PSI New zone pressure Same

5. Last produced 7/1/76 (Date) 0 (Oil, B/D) 100 (Water, B/D) 0 (Gas, Mcf/D)

or

6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

Repair suspected casing collapse.
Permanently abandon 6th Zone (now TA).
(See attached procedure).

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Ave. (Street)
Newhall, CA 91321 (City) (State) (Zip)
Telephone Number 805-259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By D. J. Van Orden for (Name) JACK ANDREWS MAR 22 1978 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Report on Operations

No. T 276-172

Mr. S. M. Burns, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, California 91321

Santa Paula, Calif.
July 15, 1976

DEAR SIR:

Operations at well No. "Rancho San Francisco" 61-6, API No. 037-12873, Sec. 26, T. 4N, R. 17W, S.B., B & M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 6/15/76. Mr. P.R. Wygle, representative of the supervisor was present from 1800 to 1900. There were also present V. Fortenberry, contract foreman

Present condition of well: additions to casing record since proposal dated 5/13/76: 7" csg. cut and pulled from 8000'; 9 5/8" perf. 7598' WSO.

The operations were performed for the purpose of testing the 9 5/8" shut-off by means of a formation tester.

DECISION:

THE 9 5/8" SHUT-OFF AT 7598' IS APPROVED.

b

HAROLD W. BERTHOLF
~~JOHN F. MATTHEWS, JR.~~
State Oil and Gas Supervisor

By [signature] Deputy

OG109 (2-75—OSP—20M)

30986-705 2-75 20M ① ◇ OSP

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
MAY 17 1976
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. Rancho San Francisco 61-6, API No. 037-12873,

Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 10182'

2. Complete casing record, including plugs and perforations:

13 3/8" x 54.5#, J-55 smls, set at 251' cmt w/251 sx in 17 1/4" hole.
9 5/8" x 32.3#, 35# and 40#, J-55 & H-40 smls, set at 8071', cmt w/600 sx in 12 1/4" ho
7" x 23#, 26# and 32# N80 smls, set at 9893', cmt w/325 sx in 8 1/2" hole
5 1/2" x 17# liner, J-55 and N-80 smls, bottom 10180', top 9873' perfs 10180' to 9915' w/100M x 2" shop made slots.

3. Present producing zone name 6 zone Zone in which well is to be recompleted 3 zone

4. Present zone pressure 1400 psi New zone pressure 750 psi

5. Last produced May 13, 1976 (Date) 6 (Oil, B/D) 1 (Water, B/D) 237 (Gas, Mcf/D)

or

6. Last injected NA (Date) ____ (Water, B/D) ____ (Gas, Mcf) ____ (Surface pressure, psig.)

The proposed work is as follows:

Set drillable BP in 7" csg above 5 1/2" liner, below 9520'.
Cut 7" csg at free pt (but not below 8060'). Recover csg.
Set 9 5/8" retrievable BP below 7833'. Pressure test csg to 500 psi WHP.
Perforate 9 5/8" csg at 7600' for WSO.
Perforate 9 5/8" csg from 7626' to 7670' and 7709' to 7833' w/4 jt holes/ft.
Run tbg w/packer and gas lift valves.
Place well on production.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall, California 91321 (City) (State) (Zip)
Telephone Number 805/259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By D J Van Orden for May 13, 1976
Jack Andrews, Dist. Prod. Mgr. (Name) (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

DIVISION OF OIL AND GAS
RECEIVED
SEP 22 1947
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL POTRERO

Well No. Rancho San Francisco #61-6 Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Location 4114'S. & 7449'E. from Corner "J" Elevation of kelly bushing / ground or conc. mat 1262 / 1252.62 above sea level feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date Sept. 22, 1947 Signed R. C. Fords.

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 2-27-47 Completed drilling 7-11-47 Drilling tools Rotary

Total depth 10,182' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 7-16-47 (date) Flowing/~~[illegible]~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 269 | 35.2 | 0.3 | 111 | 100 | 0 |
| Production after 30 days | 55 | - | 0.1 | 93 | 220 | 1875 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 251 | Surface | 54.5 | New | Smls. | J 55 | 17 1/4" | 275 | - |
| 9 5/8 | 8071 | " | 32.3,36,40 | " | " | J55-H40 | 12 1/4" | 600 | - |
| 7 | 9893 | " | 23,26,29,32 | " | " | N 80 | 8 1/2" | 325 | - |
| 5 1/2 | 10,180 | 9872.81 | 16.87 | " | " | J55-N80 | 6", 7 5/8", 8 1/2" | - | - |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5 1/2 | 10,180 ft. | 9915 ft. | 100M x 2" slots | 12 | 6" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

Electrical Log Depths 251' to 10,182' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 22 1947
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL POTRERO

Well No. Rancho San Francisco #61-6, Sec. 26, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fors.

Date Sept. 22, 1947 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1947 | |
| 2-27 | Spudded in with 11" bit. |
| 28 | Depth 284'. Opened hole to 17¼" to 251'. Cemented 13 3/8" 54.50# J55 T&C smls. csg. at 251', with 275 sacks Colton const. cement, containing 2½% gel. Drilled ahead with 12¼" bit. |
| 4-26 | Depth 8075'. 1st run electric log. Cemented 9 5/8" 32.3, 36 & 40# J55 & H40 T&C smls. casing at 8071', with 600 sacks Colton slow cement. |
| 1 | Found top of cement at 7833'. Drilled out to 8092', with 8½" bit and changed to Impermex mud. Drilled ahead with 8½" bit. |
| 5-28 | Depth 9663'. 2nd run electric log. |
| 31 | Depth 9800'. Reduced hole size from 8½" to 7 5/8". Drilled and cored ahead. |
| 6- 6 | Depth 9984'. 3rd run electric log. Opened hole from 7 5/8" to 8½" at 9800' to 9903'. |
| 6-10 | Cemented 7" 23, 26, 29, & 32# N80 Speedtite seamless casing at 9893' with 325 sx. Colton Hi-temp. cement. |
| 6-15 | Found top of cement at 9887'. Ran Sperry Sun Survey. |
| 16 | Perf. 4 - 3/8" holes at 9883'. |
| 17 | Ran Johnston Tester with 1550' mud cushion. Set at 9840' with tailpiece to 9856'. Valve opened thru 3/8" bottom bean for one hour, 18 min., very light steady blow 1 hour and light heading 18 min. Recovered 56 stands. Net rise equivalent to 34 barrels 53 2/3 stands oil and gas and 1 1/3 stands mud. All but 8 1/3 stands blew dry. Test witnessed and WSO approved by Paul Betts of DO&G. |
| 18 | Cmtd. thru 4 - 3/8" holes at 9885' and 7" shoe at 9893' with 35 sx. Colton Hi-temp. cm |
| 19 | Found top cmt. at 9864'. Drilled and cleaned out to 9885'. Perf. 4-3/8" holes at 9881 |
| 20 | Set Baker Md."K" Magnesium drillable cmt. retainer at 9869'. Cmtd. thru 4 - 3/8" holes at 9881' with 35 sx. Colton Hi-temp. cement. |
| 21 | Found top cmt. at 9866'. Drilled and cleaned out cement, retainer, shoe, & washed down to 9982'. Drilled ahead with 6" bit. |
| 7-8 | Depth 10,180'. 4th run electric log. |
| 9 | Depth 10,182'. Cored with 6" C.B. 10,180' to 10,182'. |
| 11 | Ran 307.19' of 5½" 16.87# J55 and N80 Hydril F.J.liner. Hung 10,180.00' with top at 9915.82'. 100 M slotted interval from 10,180.00' to 9915.82'. Landed 2½" prod. tubing at 10,158'. |

| | Net | Cut | T.P. | C.P. | G/O | Grav. | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 269 | 0.3 | 100 | 0 | 412 | 35.2 | | | | |
| 9- 8 | 55 | 0.1 | 220 | 1875 | 1691 | - | | | | |

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

031-12873

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 25 1947
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. February 20 1947

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" "61-6", Sec. 26, T. 4 N, R. 17 W, SB B. & M., Kimball Potrero Field, Los Angeles County.

Lease consists of

The well is 4,114 feet ~~N~~ or S., and 7449 feet E. of ~~W~~ from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ derrick floor above sea level is Kelly Bushing 1262' / Conc. mat 1259' / 1252.62 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7700 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.7# | J-55 Slip Jt. | 240 | Cemented |
| 9 5/8" | 32.3, 36, 40, 43.5 | H40, J55, N80 | 8000 | " |
| 7" | 26, 29, 32 | N 80 | 9900 | " |
| 5½" | 17# | J 55 | 10,300 | Hung |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard

Telephone number RI 5171

Barnsdall Oil Company
(Name of Operator)

By R. E. Fors
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | 2-25-47 | [illegible] | Blanket | [illegible] | [illegible] |

P.W.B.

**NL Baroid Petroleum Services**

July 6, 1978

DIVISION OF OIL AND GAS
RECEIVED
NOV - 6 1978
SANTA PAULA, CALIFORNIA

Mr. Neil Malpiede
Sun Production Company
Valencia, California

Dear Neil,

Based on our conversation of June 30, 1978 concerning the upcoming re-drill on the Ranch San Francisco Lease, I wish to make a few changes in the recommended mud program.

1. It appears that the drilling mud that exists in the well at this time is not as contaminated (or should not be) as I first thought. The existing mud is probably a fairly viscous fluid that can be used to mill the 40' window in the casing with only minimum treatment.
2. For milling purposes, it is desired to maintain high viscosity and yield point to make certain that cuttings are removed from the hole; sawdust is commonly used in "sweeps" to carry "rat nest" cuttings to the surface.
3. It does not appear necessary, now, to have to build large volumes of mud at the rig site or at the Baroid mixing plant as the existing mud can be changed over to a low-solids, non-dispersed system.
4. After the milling procedure, the mud can be diluted with water and the additions of Benex and Drispac Superlo can be made to effect the desired mud characteristics including: reduced viscosity, yield point and filtrate rate.
5. It is still recommended that a Baroid Mud Cleaner be utilized on this well to minimize sand content, solids content and low mud weights. We will make this Mud Cleaner (with power unit) available for $120./day. Screens are available in 100, 150 and 200 mesh depending on the need while drilling.
6. Drilling mud properties will be closely monitered and maintained for the most effective, safest and economical completion of the well.
7. Estimated mud cost is $4500. - $5500.

I hope that this information will be helpful to you in your working out your drilling program. One further thought is the use of a drilling mud surfactant such as Baroid's Aktaflo-S which is used in low-solids, non-dispersed systems to inhance solids removal from the mud. Aktaflo-S is also commonly used in directional drilling to help reduce torque and increase lubricity. If you have any questions or are in need of further information, do not hesitate to call.

Sincerely,

Jim Joslyn
Regional Sales Representative

**Baroid Petroleum Services Division**/NL Industries, Inc.
P.O. Box 1793, Ventura, California Tel. (805) 643-3964

DIVISION OF OIL AND GA
RECEIVED
NOV - 6 1978
SANTA PAULA, CALIFORNIA

# RECOMMENDED MUD PROGRAM

Date: June 28, 1978

Prepared By Jim Joslyn Regional Sales Representative (TITLE)

P. O. Box 1793 Ventura, Calif. (ADDRESS) (805) 643-3964 (PHONE)

## LOCAL BAROID PERSONNEL

| | | Address | Phone |
|---|---|---|---|
| Engineer | Roger Bazzell or Jerry Bewick | Ventura, Calif. | |
| Store Mgr. | Tom Stallings | Ventura, Calif. | |
| Dist. Supt. | Hubert Sanchez | Compton, Calif. | |

Baroid Storepoint nearest to well:

P.O. Box 1793 Ventura, Calif. 93003 Phone No. (805) 643-3964

This store has:

- [X] Bulk Baroid
- [ ] Bulk Cement
- [X] Complete stock sack materials
- [ ] Crane
- [X] Delivery Service
- [X] Liquid Oil Mud
- [ ] Well Logging
- [X] Solids Control Equipment

  Bulk Gel

- [X] Loading Dock
- [ ] Pipe Loading
- [ ] Radio Communication
- [ ] Salvage Mud
- [ ] Truck Ramp

Prepared For:

Mr. Neil Malpiedo

Sun Production Company

Valencia, Calif.

Field RSF Lease Well Prospect RD

County L. A. State Calif.

# BAROID DIVISION
## NATIONAL LEAD COMPANY
### RECOMMENDED MUD PROGRAM

Company Sun Production Company

Date June 28, 1978

Well Name and Number Prospect RD

Proposed Depth 7712

Location Rsf Lease

County L. A.

State Calif.

Casing: Surf. 9 5/8 5840

Inter.

Prod. 7 TD

RECOMMENDED MUD PROPERTIES

| DEPTH FEET | WEIGHT LB/GAL | VISCOSITY SEC | FILTRATE ml | TREATMENT |
|---|---|---|---|---|
| 0-5840 | 65-68 | 55-70 | nc | condition existing mud in csg. to mill 40' window - fluid may have to be treated for contaminants. mud should have sufficient viscosity and yield to carry milled cuttings out of hole. sawdust "sweeps" may be used to insure hole cleaning. |
| 5840-7712 | 65-68 | 38-44 | 5-8 | after treating out cement, either mud-up with new mud or change over existing fluid to a low-solids, non-dispersed Benex-Aquagel-Drispac Superlow system. Ph may be controlled with caustic soda and minimum treatments of phosphate may be used to control viscosity. |

ADD MF-1 .1 - .2 #/gal GEL EXTENDER

FLUID LOSS CONTROL

Remarks: see attached sheets

11 6000 - 7000

Estimated cost for mud materials: $4500.00

Recommended Program Based Upon excluding lost circulation materials

A Baroid Mud Cleaner is available with power unit for $120.00/day

PREPARED BY

The above recommendations are statements of opinion only, and are made without any warranty of any kind as to performance and without assumption of any liability by National Lead Company or its agents.

BR-1907-6 7-67 PRINTED IN U. S. A.

CUSTOMER'S COPY

DIVISION OF OIL AND GAS
RECEIVED
NOV - 6 1978

INDUSTRIES

# BAROID DIVISION

SANTA PAULA, CALIFORNIA

REMARKS:

A fresh water low-solids, non-dispersed mud is recommended for drilling the 2000' interval to TD. Field experience has illustrated that use of this fluid has resulted in increased penetration rates, longer bit life, improved borehole stability and overall reduced drilling costs. The non-dispersed mud system will accumulate fewer drilled solids than the dispersed, lignosulfonate-lignits muds. It is strongly recommended, however, that adequate solids-removal equipment be utilized on the rig to help maintain the desired low weights and low solids profile. A BAROID Mud Cleaner, that has screens as fine as 200 mesh, can be made available for this well at an economical cost. (see attached brochure)

Based on available information from previous wells drilled on the RFS lease and information offered by Mr. Malpiede, there are several options open to drilling the 2000' of open hole.

1. the existing fluid in the 9 5/8 csg. should be conditioned to mill the 40' window. Depending on the condition of this fluid, it may be necessary to treat it for high viscosities, acid and/or bacteria contamination. This is easily done with caustic soda and a thinner such as lignite or lignosulfonate. It is recommended, however, that the existing fluid be used for milling if possible.
2. the condition of the existing mud -- sand content, solids content, clay content, amount of dispersants present, etc. -- will determine its value in terms of changing it over to a low-solids, non-dispersed system. Use of rig solids removal equipment and water dilution will help condition the existing fluid. If the existing mud is to be used for the drilling interval, then additions of Benex, Drispac-Superlo and small additions of phosphate will be needed to convert the mud system to a low-solids, non-dispersed fluid.

P. O. Box 4756, Compton, California 90224 • Telephone: From Los Angeles Dial 636-9248 From Long Beach Dial 422-1555
Division of N L Industries, Inc.

3. After milling the window it may be advisable to dump the existing mud system and build a new low-solids, non-dispersed system. Again, this will depend on the condition of the mud in csg. and on the requirements for drilling the 2000' interval. If this is the case, approximately 650 bbs. of mud will be needed to change the system over in the csg. and mud pits. This new fluid should be made up as follows:

| | |
|---|---|
| 10-12# | bbl Aquagel |
| ½# | bbl Benex |
| ½-1# | bbl Drispac Superlo |
| ¼-½# | bbl caustic soda |

If a new mud system is needed, it is recommended that some of the fluid be mixed at the Baroid mixing plant - this will save valuable rig time and reduce the time required to change the mud system over. A price/bbl figure can be made available upon request. In the overall drilling operation, it may be cheaper and faster to make new mud.

General Comments:

1. Because bottom hole pressure is expected to be only about 3000psi, the lowest, safest mud weights should be maintained depending on hole conditions. The low-solids, non-dispersed system should help alleviate the possibility of lost circulation.
2. A Baroid Mud Cleaner and power unit can be supplied to the rig for $120.00/day.
3. Typical mud properties for this fluid would be:

| | |
|---|---|
| solids | 4-8% |
| sand | nil |
| MBT | 12-18 ppb |
| viscosity | 38-44 sec. qt |
| plastic | 8-12 cp |
| yield | 4-10 #100 ft.$^2$ |

4. Mud volumes to TD:

| | | | | |
|---|---|---|---|---|
| 9 5/8 csg | at 5840 | 500 bbs | (approx.) | |
| 8 1/2 hole | at 7712 | 140 " | " | |
| rig pits | | 150 " | " | --- 790 total bbs |

5. Completion fluids:

depending on the type of completion you plan, Baroid has liquid KCl, NaCl and CaCl upon request.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 26 1979
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County NEWHALL - POTRERO
Well name and No. RSF 61-3 IR, Sec. 26, T 4N, R 17W, SB B. & M.
A.P.I. well No. 037-12873 Name JACK ANDREWS (Person submitting report) Title AGENT (President, Secretary or Agent)
Date MAR 23 1979, 19

Signature

23928 Lyons Avenue, Newhall, CA, 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

1978

11/13 TD 10180/FISH @ 6488/13 3/8" 5' 4.5# @ 251'/9 5/8 40# 36# - 32.2# @ 8071/PERFS 7626-7833/6TH ZONE/WI 81.5312/THIS IS A REDRILL OF RSF 61-3 WHICH WAS RE-COMPLETED FROM THE 6TH ZONE IN 1976/DUE TO MECHANICAL PROBLEMS THE WELL MUST BE SIDE TRACKED TO BE COMPLETED IN THE 3RD ZONE/11-11/SET IN ATLANTIC OIL CO RIG #4/11-12/REMOVE WELL HEAD/INSTALL BOP AND KILL MANIFOLD/DAYWORK STARTED 2000 HOURS 11-11-78/11-13/NIPPLE UP BOE/FNCTN TST BOE/TST HYD LINE FOR LKS/ PU 4½ DP/RIH/STPD @ 6446/LA CA/

11/14 CIRC & COND MUD @ 6446/POH W 7 7/8" BIT & RIH W 4½ OE DP TO 6441/RIG UP HAL-IBURTON/PMP 25 CF FR WTR AHEAD/MIX & EQUALIZE 115 SX CLASS 'G' NEAT CMT/DISP W 5 CF FR WTR & 480 CF MUD/CIP @ 5:45 PM/PU 5 STANDS/CIRC & COND MUD @ 5987/ POH, MAKE UP 8½ BIT & 9 5/8 CSG SCRAPER ON 3-6" DC/RIH TO 5807/WOC/LA CA/

11/15 CONTD TO WOC/RIH & TAG TOP OF CMT @ 6191'/CIRC & COND MUD/TEST BOPE/POH & BREAK DN TOOLS/RIG UP MCCULLOUGH TO SHOOT PERFS/PERFS NOT REQD/RELEASED MCCULLOUGH/ MAKE UP MILLING TOOLS & RIH ON 9 EA 6" DC'S & 4½" DP W DP RUBBERS/CIRC MUD & RAISE VIS TO 70 SEC/MILL WINDOW FRM 5820-5830/LA CA/

11/16 CONTD MILLG 9 5/8 CSG FRM 5830-5860/CIRC HOLE CLEAN/POH W SECT MILL & LY DN/ RIH W 15" EHO NO 1/LA CA

11/17 OP HOLE TO 15" FRM 5830-5860/POH/RIH OPE/CIR & COND/RU HOWCO AND SPOT 200 CF CL G NEAT CMT W 20% SD .75% CFR-2 .1% HR-7/SQ 40 CU FT/PRESS BLD UP TO 1200 PSI/CIP 9:30 PM/WOC/

11/20 11-18/WOC/RIH/TAG CMT @ 5580/CAL 5575/CO CMT 5580-5826/CIR AND COND MUD/POH/ PU 8½ BIT AND DYNA DRIL ASSMBLY/RIH/11-19/5916 DD (90)/ORIENT DD W GYRO/ SCIENTIC DRIL CONTROLS/DD FROM 5826-5916/6½ HRS/11-20/6019 CH OUT MUD (77)/ DD AND SRVY FRM 5942-6019/8 HR/CHNG TO DRL SET UP/RIH TO 5820/CHNG OUT MUD/

11/21 6166 D (180)/REAM DD RUN 5826-6019/PULL TO SHOE/CHANGE OUT MUD SYSTEM TO BENEX-DRISPAC/DRIL AND SURVEY 6019-6166/8 HR/LA CA/

11/22 6437 D (271)/DRL AND SURVEY 6166-6356/MAKE WIDER TRIP TO SHOE/D & S 6356-6437/ MD 6172 12° S11W/MD 6264 13° 15' S12° 15'W/MD 6386 13° 30' S11W/TVD 6374.10 SEC 95.50 S 158.71 W 136.02/LA CA/

11/23 11-23/6595 D (158) SD-SH/DRIL AND SRVY 6437-6510/POH TO CHNG BHA/RIH/DRIL AND SRVY 6510-6595/DRIFT ANGLE @ 6510 MD 14° 30' S11W/6564 MD 6546 TVD 14° S10° 15'W/TOTAL COURSE COORD S-201.22 W 144-A/66.5 MW 40 VIS/11-24/6759 D (163) SD-SH/ DRIL AND SRVY 6595-6655/POH TO CHNGE BHA/RIH DRL AND SRVY 6655-6795/DRIFT ANGLE @ 6655 MD 15° 15' S14W/6750 MD 6726.57 TVD 14° 45' S16W/TOTAL COURSE COORD

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 278-359

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. Jack Andrews, Agent
Sun Oil Company
23928 Lyons Ave.
Newhall, CA 91321

Santa Paula, Calif.
Nov. 20, 1978

Your operations at well "Rancho San Francisco" 61, API No. 037-12873-01, Sec. 26, T. 4N, R. 17W, S.B., B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 11/14/78. T.E. Adams, representative of the supervisor, was present from 0700 to 0800. There were also present Leeward Harmon

Present condition of well: additions to the casing record since proposal dated 11/3/78: Plugged with cement 6447-6191'.

The operations were performed for the purpose of witnessing the location and hardness of a cement plug placed below 6191'.

DECISION:

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 6191' IS APPROVED.

b
Dec 26 1978
Miller - MD
1. Ran & cemented casing through 3rd zone.
2. Bond across 2nd & 1st zone not to good
3. Squeezed 1st & 2nd zone will co & pt cp (from tested) & DOC will get production test

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor
John L. Hardoin

OG109 (6-77-GSRI-15M)

DIVISION OF OIL AND GAS
RECEIVED
NOV -6 1978
SANTA PAULA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## ~~SUPPLEMENTARY~~ NOTICE
TO REDRILL

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| BOND | FORMS | | EDP WELL FILE |
| | OGD114 | OGD121 | |
| BB | ✓ | ✓ | |

DIVISION OF OIL AND GAS

SANTA PAULA Calif.

A notice to you dated March 22, 1978, stating the intention to

REWORK RANCHO SAN FRANCISCO #61, API No. 037-~~12624~~ 12873-01,
(Drill, rework, abandon) (Well name and number)

Sec. 26, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field,

LOS ANGELES County, should be amended because of changed conditions.

The present condition of the well is as follows:

Total depth 10,180'

Complete casing record including plugs and perforations:

13-3/8", 54.5#, surf. csg. cmt @ 251'
9-5/8", 32.3#, 35# and 40# csg cmt @ 8071'.
Perfs - 1 hole/ft: 7626-7670
7709-7833
Retrievable bridge plug @ 7900
7", 29# and 32# csg cmt @ 9893.
Csg cut @ 8000' (8000' recovered).
Drillable bridge plug @ 9538.
5½", 17#, slotted liner hung @ 9873'; btm @ 10180'.
Slots 9915-10180'.

We now propose

Sqz fish @ 6488' with as large a volume as possible cmt. spot cmt plug from 6488' to 6050', ~~cmt 9-5/8" annulus frm 6000' to surface.~~ Side-track well by milling window frm 5820'-5860' open hole to 15" @ window, spot cmt & sd plug frm 5960'-5720'.* Drill & kick off 8-5/8" hole to new bottom hole loc. 88' below btm of 3rd Zone, (7682' TVD, 178' west & 370' south of KB). Run & cmt combination 7" & 5½" Prod. string to TD. * Leave head sufficient cement to fill at least 200' of annulus above the window. JH/Neal Malpiede 11/13/78

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue
(Street)
Newhall, California 91321
(City) (State) (Zip)
Telephone Number 805/259-2440

SUN OIL COMPANY (DELAWARE)
(Name of Operator)
Type of Organization Corporation
(Corporation, Partnership, Individual, etc.)
By JACK ANDREWS 11-3-78
(Name) (Date)
Signature Jack Andrews

OG123 (7-76-GSR1-5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
7 1983
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator: SUN EXPLORATION AND PRODUCTION COMPANY SUN PRODUCTION DIVISION
Field or County: Newhall-Potrero
Well: Rancho San Francisco #61
Sec. 26, T 4N, R 17W, BW B. & M.
A.P.I. No. 037-12873
Name: L. B. CARROLL, JR. (Person submitting report)
Title: Agent (President, Secretary or Agent)
Date: May 13, 1983

Signature: L B Carroll Jr.

P. O. Box 55060, Valencia, California 91355-0560 (Address)
(805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1983 | |
| 4/22 | 7" CSG 5275'/5½" LNR @ 7780/7799 TD/PERFS 7445-7480 7519-7574 7616-7717/3RD ZONE/ MIRU CPS/INSTL BOE/UNLAND TBG/PULLING OUT OF HOLE w PROD STG/SIFN/ |
| 4/23 | 7799 TD/RAN BHP SURVEY/RIH w TBG TAG @ 7780/CHG OVR TO LSE WTR/PMP 65 FT³ CL "G" CMT/DISPL w 210 FT³ WTR/PUH TO 5000/REVERSE CLN/SIFN/ |
| 4/24 | 7799 TD/RIH TAG CMT @ 7530/CHG OVR TO 72# MUD/PMP 39 FT³ CL "G" CMT/DISPL w 205 FT³ MUD/PUH TO 5000'/REVERSE CLN/SIFN/ |
| 4/25 | 7799 TD/RIH TAG CMT @ 7300' WITNESS & APPROVED BY DOG (ROB HABEL)/RIH W DIA LOG/ MADE CAVITY SHOT @ 1020'/RIH W TBG TO 1020'/PMP 130 FT³ CLASS "G"/DISPL W 11 FT³ MUD/POOH W TBG/SQ W 180 FT³ MUD @ 3 BPM @ 100 PSI/SIFN/ |
| 4/26 | 7799' TD/TAGGED CMT @ 904' MURRAY DOSCH W DOG APPROVED TOC DEPTH/LAYED DOWN TBG/TBG @ 60', MIXED & PUMPED CMT TO SURF B.J. SERVICE PUMPED 15 FT³ CMT INTO 9 5/8" & 7" ANNULUS/REMOVED BOE/RDMO/DROP FRM REPORT, UNTIL SURF CLEAN-UP & ABANDONMENT IS COMPLETE/ |
| 4/29 | 7799 TD/REMOV CELLAR/CAP WELL/LEVEL LOCATION/APROVL BY D.O.G. (M.FRLER)/ FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-12873

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: Sun Exploration and Production Company | Well: Rancho San Francisco #61 |
| Field: Newhall-Potrero | County: Los Angeles; Sec. 26; T. 4N; R. 17W; B.&M. SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 4114' South and 7449' East from RSF corner 'J' | Elevation of ground above sea level: 1252.62 |

Commenced ~~drilling~~ (date) P&A: 4/21/83

Completed ~~drilling~~ (date) P&A: 4/26/83

Commenced ~~producing~~ (date) P&A: 4/26/83

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): 3rd Zone

Total depth: (1st hole) 10810'; (2nd) 7800'; (3rd)

Present effective depth: 7800'

Junk: None

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is 10 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| 1st Zone | 7050' |
| 2nd Zone | 7518' |
| T Zone | 7626' |
| 3rd Zone | 7709' |
| 5th Zone | 9225' |
| 6th Zone | 9940' |

Formation and age at total depth

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | N/A | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13 3/8" | surface | 251' | 54.5# | Smls | New | 17 1/4" | 275 SX | |
| 9 5/8" | surface | 8071' | 32.3# 36#, 40# | J-55, H-40 | New | 12 1/4" | 600 SX | |
| 7" | surface | 9893' | 23#, 26# 29#, 32# | N-80 | New | 8 1/2" | 325 SX | |
| 5 1/2" | 9873' | 10810' | 16.87# | J-55, N-80 | New | 6", 7 5/8" 6 1/2" | Hung | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Perfs: 1 hole/ft 7626'-7670', 7709'-7833'
slots 9915'-10810'

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

Electrical log depths: None

Other surveys: None

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | |
|---|---|
| Name: L. B. Carroll, Jr. | Title: District Engineer |
| Address: P O Box 55060 | City: Valencia, CA; Zip Code: 91355-0560 |
| Telephone Number: 805/257-6200 | Signature: L B Carroll Jr. |
| Date: 5/13/83 | |

DG100 (12—76—GSRI—12M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 283-63

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. L. B. Carroll, Jr., Agent
Sun Exploration and Production Co.
P.O. Box 55060
Valencia, CA 91355

Santa Paula, Calif.
May 24, 1983

Your operations at well "Rancho San Francisco" 61, API No. 037-12873, Sec. 26, T. 4N, R. 17W SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 4/29/83. Marilu Fulco, representative of the supervisor, was present from 0730 to 0830. There were also present Dennis Douglss, Sun's Rep.

Present condition of well: 13 3/8" cem 251'; 9 5/8" cem 8071', WSO at 7598', milled window 5820-5860'; 7"-5 1/2" cem 5275-7799', WSO at 7445', perf 7445-7717' at intervals. TD 7800'. Plugged w/cement 7780-7300', 1020-904', 30-5'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING/CEMENTING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

b

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor
Murray W. Dosch

OG109(12-80-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
APR 11 1983
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Rancho San Francisco #61, API No. 037-12873, Sec. 26, T. 4N, R. 17W, ____ B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on April 20, 19 83.

The present condition of the well is: Shut-in

1. Total depth: 7800'

2. Complete casing record, including plugs and perforations:

See attachment 'A'

3. Last produced 5/82 (Date) 0 (Oil, B/D) 10 (Gas, Mcf/D) 3 (Water, B/D)

or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 1020'

The proposed work is as follows: pressure 400 psi Dante/MS 4-13-83

See attachment 'B'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W. Rye Canyon Rd. (Street)
Valencia, California 91355 (City) (State) (Zip)
Telephone Number (805) 257-6200

Sun Exploration and Production Co. (Name of Operator)
By L B Carroll Jr. (Name) 4/7/83 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

June 20, 1983

Mr. L. B. Carroll, Jr., Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 61 (Name and number),
A.P.I. No. 037-12873, Section 26, T. 4N, R. 17W, S. B. B. & M.,
Newhall-Potrero field, Los Angeles County,
dated 5/13/83, received 5/17/83, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS | |
|---|---|---|---|---|---|
| 253 | | | | EDP | 121 |

r

M. G. MEFFERD
*State Oil and Gas Supervisor*

By Murray W. Dosch
*Deputy Supervisor*

Murray W. Dosch

OG159 (11-76—GSR1—8M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

May 14, 2001

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 65,

A.P.I. No. (037-13245), Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated February 21, 2001, received March 26, 2001, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 15, 2001.

2. Site inspection made and approved April 30, 2001.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

tkc

OG159 (4/98)

# SCHLUMBER

WELL SURVEYING CORPORATION

25 74 037-13245

COMPANY: ~~BARNSDALL OIL COMPANY~~

FIELD: NEWHALL-POTRERO "Rancho San Francisco"

WELL: (R. S. F. NO.) 65 ~~-7~~

SEC. 26 T. 4N R. 17W

COUNTY: LOS ANGELES STATE: CALIFORNIA 6

ELEV.:

DIVISION OF OIL AND GAS
RECEIVED
APR 21 1948
LOS ANGELES, CALIFORNIA

MEDALLION CALIFORNIA PROPERTIES CO.
"Rancho San Francisco" 65
Sec. 26-4N-17W NEWHALL-POTRERO

| RUN | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Date | 10-5-47 | 10-27-47 | 11-12-47 | 12-3-47 | 12-21-47 |
| Csg. shoe | 327 | 7631 | 7631 | 7631 | 7631 |
| Total depth | 8450 | 9087 | 9908 | 10752 | 11314 |
| Depth rchd. | 8430 | 9080 | 9910 | 10749 | 11311 |
| Ft. Meas. | 8100 | 650 | 830 | 839 | 562 |
| Mud Nat. | Lime Imper. | Lime Impar. | Lime Imper. | Lime Imper. | Lime Imper. |
| Dens | 78 | 81 | 82 | 82 | 86 |
| Visc. | 42 | 46 | 48 | 50 | 50 |
| Res. | 2.0 @ 74°F. | 0.4 @ 84°F. | 1.7 @ 55°F. | 1.5 @ 68°F. | — |
| Max. Temp. | — | — | — | — | — |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. |
| Tension | — | — | — | — | — |
| Rig. Time | 2 1/4 hrs. | 1 3/4 hrs. | 3 3/4 hrs. | 1 1/4 hrs. | 2 hrs. |
| Mileage | — | — | — | — | — |
| Observer | F. Pehoushek | F. Pehoushek | F. Pehoushek | G. Hepburn | F. Pehoushek |
| Witnessed by: | | | | | |

| RUN | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|
| Date | 1-19-48 | 2-2-48 | 2-11-48 | | |
| Csg. shoe | 7631 | 7631 | 7631 | | |
| Total depth | 12062 | 12528 | 12717 | | |
| Depth rchd. | 12061 | 12526 | 12715 | | |
| Ft. Meas. | 750 | 465 | 189 | | |
| Mud Nat. | Lime Imper. | Lime Imper. | Lime Imper. | | |
| Dens | 94.5 | 95 | 95 | | |
| Visc. | 80 | 62 | 88 | | |
| Res. | 3.6 @ 63°F. | 3.1 @ 56° | 2.0 @ 63°F. | | |
| Max. Temp. | — | 196°F. | 207°F. | | |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | | |
| Tension | — | — | — | | |
| Rig. Time | 3 hrs. | 2 hrs. | 2 3/4 hrs. | | |
| Mileage | — | — | — | | |
| Observer | G. Hepburn | G. Hepburn | G. Hepburn | | |
| Witnessed by: | | | | | |

DIAMETER OF HOLE

OPERATOR Tedeland
WELL NO. "RSF" 65
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| NTENTION | rework | Rework | Supp Rework | Plug + abandon | | |
| NOTICE DATED | 8-28-91 | 6-27-94 | 8-17-94 | 12/20/00 | | |
| P-REPORT NUMBER | 291-364 | 294-157 | P294-193 | 200-[illegible] | | |
| CHECKED BY/DATE | | | | SM 1-18-01 | | |
| MAP LETTER DATED | | | | 1-20-01 | | |
| SYMBOL | | | N/C | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 8-30-91 | | 6-30-94 | | 8-18-94 | | 12/20/00 | | | | | |
| HISTORY | | | | | 9-19-94 | | 3-26-01 | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 6 month WSO | | | | | WSO | | | | | | | |
| (Due 6/94) | | | | | OK | | | | | | | |
| | | | | | | | | | | | | |
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ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | | | 4-30-01 | | |
| DRILL CARD | | | | | | |
| RECORD'S COMPLETE | | | | BU | | |

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD
TO RELEASE FROM CONFIDENTIAL
OVED FROM E.D.P.

REMARKS:

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator **Medallion California Properties Co.** Field **Newhall-Potrero** County **Los Angeles**

Well **"Rancho San Francisco" 65** Sec. **26** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-13245** Name **Alex Iwasiw** (Person submitting report) Title **Agent** (President, Secretary or Agent)

Date **February 21,** , 20 **01**

Signature

**26835 W. Pico Canyon Road Newhall, CA 91321** (Address) **(661) 254-2856** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12-28-00 | Inspect location and check wellhead for gas and leaks. Move rig and equipment. Move in, rig up. Guy out rig; casing at 50 p.s.i. Bleed on well to 0 p.s.i. Nipple down tree and nipple up. Class II B.O.P.E. Unland and remove tubing hanger. Pull out of hole with kill string = 10 joints of 2 ⅞" tubing. Run in hole with 2 ⅞" saw tooth coupling and 10 joints of 2 ⅞" tubing. Tally, pull out and run in hole with 351 joints of 2 ⅞" tubing to 10,780'. Tag and fill to effective depth at 10,931' = 151' and fill. Pull out of hole with 17 joints of 2 ⅞" tubing to 10,181'. Secure rig and well. |
| 12-29-00 | Open well at 0 p.s.i. Run in hole with 2 ⅞" tubing from 10,181' to 10,774'. Pump 50 barrels of fresh water ahead of tubing at 10,774'. Mix and pump 140 ft³ of 50/50 poz with 35% silica flour and 4% gel in 2 stages. Estimate theoretical top of cement at 10,025'. Pull out of hole with tubing to 8,855'. Shut well in until 1/2/01. Secure rig and well. |
| 1-2-01 | Ran 1 7/16" free PT to 7,780'. Ran 2⅛" jet cutter to 375'. Ran 1⅞" super cutter to 7,708'. Casing perforated at 7,700' - 7,702'. |
| 1-2-01 | Open well at 0 p.s.i. Fill tubing with 4 barrels of water. Pressure to 500 p.s.i. No returns to surface. Pull on tubing and found stuck. Work stuck tubing at 35,000 over string weight, unable to work free. Rig up wireline and run in hole with 1 7/16" central collar locator and free point tool to 9,850'. Theoretical top of cement at 175' high. Pull out of hole and locate free point at 7,780'. Pull out of hole. Run in hole with central collar locator and 2⅛" jet cutter to 373'. Unable to work pass 373'. Pull out of hole. Run in hole with 1⅞" jet cutter and cut tubing at 7,709'. Work tubing; pulled free at 7,709'. Pull out of hole with tubing to 7,336' and run in hole with central collar locator and link jets to 7,702' and 8½" jet holes per foot. Pull out of hole, rig out wireline. Run in hole with tubing to 7,707'. Mix and pump 30 ft³ 50/50 poz with 35% silica flour and 4% gel. Estimate theoretical top of cement at 7,557'. Pull out of hole with tubing to 5,678' = 191 joints. Secure rig and close well. |
| 1-3-01 | Open well at 0 p.s.i. Run in hole with 2 ⅞" tubing from 5,678' and tag theoretical top of cement at 7,494'. Lay down excess tubing. Run in hole with 2⅞" tubing to 7,489'. Pump 252 barrels (10.6 p.p.g). Brad Hesson of D.O.G.G.R. approved mud. Pull out of hole, lower down tubing. Secure rig and close well. |
| 1-4-01 | Open well at 0 p.s.i. Load out rig tools. Install and secure tubing hangar. Shut well in. Rig down, move out. Clean location. |

MAR 26 2001

(DG103)

| | |
|---|---|
| 1-10-01 | Move in, rig up wireline. Run in hole, perforate 4 h.p.f. at 1,00′. Link jet shot at 1,100′. Rig out wireline. Move in rig up coil tubing. Run in to 1,100′. Establish circulation (16 barrels of water) "to fill". Close well in. Down squeeze perforating with water; break down from 2,000 to 1,700 p.s.i. At 2¼″ barrels per minute. Mix and pump 57 ft³ "30 sacks" of 50/50 poz with 35% silica flour and 4% gel. Displace coil and pull to 650′. Fill casing with 1¼ barrels of water. Close well in and down squeeze cement with 6.1 barrels of water. Cement and squeeze witnessed by Steve Malqueen of D.O.G.G.R. Pull out of hole with coil. Secure well. Rig down, move off. |
| 1-15-01 | Casing perforated at 100′. |
| 1-15-01 | Move in, rig up with coil tubing. Tag cement at 1,050′. Mix and pump 20 ft³ "18 sacks" of cement and displace with mud. Theoretical top of cement at 956′. Pull coil to 956′, pump 33 barrels (9.5 mud) and displace. Pull out of hole with coil and move off. Rig up wireline. Run in and shoot 4 ½″ holes per foot at 100′. Rig up, pump down 7″ and return up 9⅝″ and 13⅝″ of casing strings. Establish circulation in both. Mix and pump 97 ft³ "84 sacks" of "G" neat cement; good returns of cement up both annoli. Tag and cement top off at 1,050 - 950" and cement job at 100′ up agnail witnessed by Steve Malqueen of D.O.G.G.R. Close well in. Well ready for surface work. Rig down, move off. |
| 2-8-01 | Cut off casing. Back fill and clean location. Complete site restoration. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T201-15**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 24, 2001

Your operations at well **"Rancho San Francisco" 65,** API No. **037-13245,** Sec. **26**, T. **4N**, R.**17W**, S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **01-15-2001. Steve Mulqueen,** representative of the supervisor, was present from **1300** to **1600**. There were also present **Alex Iwasiw.**

Present condition of well: **13 3/8" cem 329'; 9 5/8" cem 7631'; 7" cem 11800', perfs 11110', 11334', 11713' & 10958' wso, cp 100', 1100' & 11709', perf @ 7700', perfs @ int 10288'-10675' & 10985'-11680'. TD 12717'. Junk below 7708'. Bp @ 10931', 11688', 11801' & ret @ 11788'. Plugged w/ cem 11310'-12717', 10774'-7780' +/- 7707'-7494', 1100'-956' +/- & 100'-5'.**

**The operations were performed for the purpose of abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P200-289

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
— (new pool code)
40 (old pool code)

Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
December 26, 2000

Your _____ proposal to plug and abandon well "Rancho San Francisco" 65, A.P.I. No. 037-13245 Sec. 26, T. 4N, R. 17W, SB B.&M., Newhall-Potrero field, ——— area, 6th pool Los Angeles County, dated 12-20-2000 received 12-20-2000 has been examined in conjunction With records filed in this office.

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 10,931'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs.,cu. ft and a minimum gel shear strength of 25 lbs./100 sq. ft.
5. In the event that perforations instead of a cavity shot are used at 7,700' and at 1,100', then sufficient cement shall be squeezed out to fill at least 100 feet about the holes and the well is plugged with cement from the perforations to at least 100 feet above.
6. Wellsite restoration shall be completed within 60 days after completion of plugging operations.
7. This office shall be consulted before initiating any changes or additions to this proposed operation, or f operations are to be suspended.
8. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To inspect the installed blowout prevention equipment prior to commencing downhole operations.
   b. To witness the location and hardness of the cement plug at 10,188'.
   c. To witness the mudding of the well.
   d. In the event that perforations are shot at 7,700'±, then to witness the squeeze-cementing of the 7 " casing through the perforations.
   e. To witness the location and hardness of the cement plug at 7,600'.
   f. In the event that perforations are shot at 1,100', then to witness the squeeze-cementing of the 7 " casing through the perforations.
   g. To witness the placing of the cement in the 7 " casing and all annuli.
   h. To inspect and approve the cleanup of the wellsite before approval of abandonment will be issued.

C/O TO 10,780' OK. CONVERSATION W/ ALEX IWASIW 12-30-00 a a [illegible]

SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

WILLIAM F. GUERARD, JR., State Oil and Gas Supervisor

By [signature]
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

P200-289

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | 100,000 | ✓ | ✓ |

## DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 65, API No. 04-037-13245,

Sec. 26 T. 4N R. 17W, S. B. B. & M., Newhall Potrero Field, Los Angeles County,

commencing work on December 26, 20 00.

The present condition of the well is:

1. Total Depth **See Attached Program**
2. Complete casing record, including plugs and perforations (present hole)

   **See Attached Program**

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? [ ] Yes [X] No

The proposed work is as follows:

**SEE ATTACHED PROGRAM**

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 26835W. Pico Canyon Road (Street)

Newhall, CA 91321 (City) (State) (Zip)

Telephone Number ( 661 ) 254 – 2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

(Signature) 12/20/00 (Date)

December 20, 2000

**Medallion California Properties, Inc.**
**Well: RSF No. 65**
**API No.: 037-13245**
**Sec 26, T 4N, R 17W**
**Abandoument Program**
**Field: Newhall Potrero**

**Background**

The well was drilled and completed in the 7th zone in 1953. The well produced on gas lift until 1994. The well was completed as a 7th zone producer in August of 1947. The well was produced through gun perforations shot through the 7 inch casing 11,121' to 11,305'.

In November 1959 the well was recompleted in the upper part of the 7th zone (Seventh "A") from 10,985' to 11,070' and reperforated from 11,109 to 11,281 to stimulate production from the Seventh "B/C" intervals.

The production record from the Division of Oil and Gas (DOG) data base shows the well producing in 1977 and continuing to produce until June 1989 when it failed. The well was returned to production in July 1989 and tested at 0 BOPD, 1 BWPD and 29 MCFPD, the well was subsequently idled.

In June 1994 a drillable bridge plug was set at 10,931' to isolate the 7th zone. The "lower" 6th zone was perforated 10,537' to 10,675' on July 6, 1994 and the "upper" 6th zone was perforated 10,288 to 10,503' on August 17, 1994. The well was returned to production using gas lift. The gas lift system could not lift the fluid and the well was converted to rod pump

The well produced from August 1994 to October 1994 when it was shut in as uneconomic. The uneconomic determination was made based on high water production rate.

The well was returned to production on August 19, 1999. The well turned to 99 percent water cut in April of 2000 and produced at that ratio until September when it was shut-in.

Medallion California Properties now proposes to abandon this well.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
SEP 19 1994
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

## History of Oil and Gas Well

Operator DKM Offshore Energy, Inc. Field or County Newhall Potrero - Los Angeles
Well RSF #65, Sec 26, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-13245 Name Claude D. Fiddler (Person submitting report) Title Agent (President, Secretary or Agent)
Date July 12, 19 94

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

**History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

**Date**

6/27/94 MIRU workover rig, bled well down (800 psi) R/D production tree R/U Class II BOPE and tested to 2,500 psi (ok). Pulled 82 stands 2-7/8" tubing, made up Baker "ADR" packer latch plug. SIWFN.

6/28/94 RIH to 10,950 ft. Unable to put "ADR" plug in packer. SIWFN.

6/29/94 POOH w/2-7/8" tubing. RU wireline truck. RIH with Alpha drillable bridge plug to 10,931 ft set packer. POOH w/wireline. RIH with GR-CCL tool, tagged BP at 10,931 ft, logged interval 9,000 ft to 10,931 ft. POOH. Pressure tested casing to 765 psi. SIWFN.

6/30/94 RIH with 2-7/8" N-80 and J-55 tubing w/gas lift mandrels and Robinson 7" Locset packer. Set packer at 10,/ ft, tubing tail at 10,241 ft. SIWFN.

7/1/94 R/D BOPE, R/U production tree.

7/5/94 MIRU perforating equipment and lubricator. Tested lubricator to 2,000 psi. RIH with perforating set up. Tagged BP at 10,931 ft. Perforated following intervals w/2-1/2" JHPF. 10,537-10,556 ft, 10,574-10,583 ft, 10,635-10,675 ft. RD perforators and lubrication. Put well on production test by gas lift.

8/16/94 MIRU wireline perforating unit and lubricator. Tested lubricator to 1,500 psi. ran GR-CCL, ran 2-1/8" strip perforating guns and shot 2-1/2" JHPF: 10,485 ft to 10,503 ft, 10,409 ft to 10,469 ft. POOH. SIWFN.

8/17/94 RIH with perforating guns. Perforated 2-1/2" JHPF:

10,288 ft to 10,314 ft
10,334 ft to 10,390 ft

Tagged down w/wireline at 10,890 ft. RDMO perforators and lubricator. Placed well on production test by gas lift.

8/25/94 MIRU well service rig. Bled down well, removed production tree, R/U and tested Class II BOPE to 2,500 psi. Unseated Locset packer at 10,240 ft (after several attempts) POOH w/30 stand 2-7/8" tubing. SIWFN.

8/26/94 Completed pulling 2-7/8" tubing. Laid down packer and gas lift equipment. RIH w/2-7/8" N-80 and J-55 tubing w/pumping assembly. Pump shoe at 10,452 with tubing tail at 10,513 ft. Landed tubing, R/D BOPE R/U production tree, RIH w/pump on 3/4" rods. SIWFN.

8/27/94 RIH w/7-8" and 1" rods, seated pump, spaced well. RDMO well service rig. RU portable pumping unit to production test well.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

**FOR DIVISION USE ONLY**
BOND FORMS EDP WELL
OGD114 OGD121 FILE
BB ✓ ✓

# NOTICE OF INTENTION TO REWORK WELL

This notice and an indemnity or dash bond must be filed, and approval given, before rework begins. *(See the reverse side for bonding information.)* If operations have not cmmences within one year of receipt of the notice, this notice will be considered cancelled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to

rework well Rancho San Francisco #65 (Well designation), API No. 037-13245

Sec. 26, T. 4N, R. 17W, S.B. B.& M., Newhall Potrero Field,

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:

   13-5/8" 52.74# J-55 csg CMTD at 329 ft with 300 SX
   9-5/8" 40#, 43.5# & 47# J-55 and N-80 csg CMTD at 7,631 ft with 400 SX.
   7" 23#, 26#, 29#, 32# 35# and 38# N-80 csg CMTD at 11,800 ft with 400 SX.
   Open hole plug 12,717 ft to 11,800 ft, 7" csg plugged 11,800 ft to 11,310 ft w/CMT.
   (See attachment A for perforations.)

2. The total depth is: 12,717 feet. The effective depth is: 11,310 feet.
3. Present completion zone(s): Seventh (Name) 4D. Anticipated completion zone(s): Sixth (Name) 3S.
4. Present zone pressure: 1,000 psi. Anticipated/existing new zone pressure: 1,500 psi.
5. Last produced: 8/89 (Date) 2 B/D (Oil, B/D) 1 B/D (Water, B/D) 0 M/D (Gas, Mcf/D)

   (or)

   Last injected: (Date) (Oil, B/D) (Water, B/D) (Gas, Mcf/D)
6. Is this a critical well according to the definition on the reverse side of this form? Yes ___ No X

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*

*See Attachment B.*

RECEIVED
JUN 30 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

Note: If the well is to be redrilled, show the proposed bottom-home coordinates and estimated true vertical depth.
**The Division must be notified if changes to this plan be come necessary.**

| Name of Operator | Telephone Number |
|---|---|
| DKM Offshore Energy | (805) 395-3029 or (805) 254-2856 |

| Address | City | Zip Code |
|---|---|---|
| 1400 Easton Drive, Suite 133 | Bakersfield, CA | 93309 |

| Name of Person filling Notice | Signature | Date |
|---|---|---|
| James R. Weddle | James R. Weddle | June 27, 1994 |

File in Duplicate

OG 107 (9/91/GSR15M)

**Sun Production Operations Division**
Western District

**Sun Exploration and Production Company**
25322 W Rye Canyon Road
Box 55060
Valencia CA 91355 0560
805 257 6200

April 3, 1989

DIVISION OF OIL AND G
RECEIVED
APR 5 1989
VENTURA, CALIFORNIA

Steve Mulqueen
DIVISION OF OIL & GAS
Department of Conservation
State of California
Suite 240
6401 Telephone Road
Ventura, CA 93003-4458

Dear Mr. Mulqueen:

This note is to inform you that as of February 1, 1989, Sun's RSF Well #93-5 has been converted from a shut-in gas injector to a producing gas well. No downhole modification or alterations were required for this conversion. The only surface modification requirement was the reversal of a check valve. Please update your records to reflect this change in well status.

Also a question has arisen on the change of status of RSF Well #65 from an oil well to a gas well in June, 1988. This action became necessary due to an increase in the gas-oil ratio of this well. To properly account for the minor oil production of this well, Sun's computer system requires that this well be classified as a gas well. It is hoped that this change did not cause any major inconvenience.

Should you have any questions regarding these two wells or require any additional information please call at (805) 257-6274.

Sincerely yours,

David Q. Flores
Operations Engineer

jg

cc: Fred Armijo
Judy Sherman

OE3/242

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13245

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. July 31 19 47

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #65-6, Sec. 26, T. 4 N JLW R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3231.43 feet ~~N.~~ S. or S., and 6846.34 feet E. or ~~W.~~ from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor 1222' / ground 1220' / K. B. 1208.87' above sea level is feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about To be determined by cores feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74# | J 55 | 250' | cemented |
| 9 5/8" | 40,43.5,47,53.5 | J 55 & N 80 | 8400'± | " |
| 7" | 23,26,29,32# | N 80 | To be determined | " |
| | | | | |

Well is to be drilled with ~~rotary~~ cable tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

BARNSDALL OIL CO.
(Name of Operator)

Telephone number RI 5171

By R. E. Foss
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| P | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW | JLW | | | | |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-47051

Los Angeles 15, Calif. August 18, 1947

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 65-6 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by Paul Betts, Inspector, representative of the supervisor, on August 15, 1947. There was also present Dwight Fortine, Engineer; John Beard, Drilling Foreman.

Casing Record 13-3/8" cem. 329'; T. D. 3360'.

Junk xxxx

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 12:15 p.m. and Mr. Fortine reported:

1. A 17-1/4" rotary hole was drilled from the surface to 329'.
2. On August 5, 1947, 13-3/8", 54 lb. casing was cemented at 329' with 300 sacks of cement.
3. Cement returned to the surface.
4. A 12-1/4" rotary hole was drilled from 329' to 3360'.

THE INSPECTOR NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole and for closing around the 5-9/16" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.
4. A Hosmer type blowout preventer with packer to fit the 5-9/16" drill pipe.
5. An 8-5/8" shut-off gate on the mud discharge line.

The inspection was completed at 12:30 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

PWB:OH

cc- Company

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

59352 6-46 15M
STATE PRINTING OFFICE

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
NOV 1 8 1959
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

NEWHALL Calif. NOVEMBER 13, 1959

DIVISION OF OIL AND GAS

INGLEWOOD Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. "RANCHO SAN FRANCISCO 65-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

NEWHALL - POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth. 12,717'.
   Plugged Depth 11,310'.

2. Complete casing record.
   13 3/8" 52.74# J-55 Slip joint casing cemented at 329' with 300 sx.
   9 5/8" 40#, 43-5#, 47#, J-55, N-80, LT&C, cemented at 7631' with 400 sx.
   7 23#, 26#, 29#, 32#, 35#, 38#, N-80, X-line casing cemented at 11800' with 400 sx.
   4-3/8" holes at 11110' - W.S.O.
   12-½ holes per foot: 11121' - 11160', 11162' - 11200', 11202' - 11242', 11243' - 11280', 11285' - 11305'.
   4-3/8" holes at 11334' - W.S.O.
   1-½ Holes per foot: 11372' - 11402', 11406' - 11443', 11447' - 11482', 11486' - 11521', 11524' - 11562', 11566' - 11605', 11610' - 11645', 11650' - 11680'.

3. Last produced. October, 1959 (Date) 19Bbls. (Net Oil) 34.1° (Gravity) 0.6% (Cut)

The proposed work is as follows:

1. Kill well with lease crude.
2. Run combination gun and tester for W.S.O. above 7th zone.
   A. Shoot 4 - ½" bullets at 10958'.
   B. Use 750' water cushion.
   C. Notify D.O.G. to witness.
3. Shoot 2 - ½" jet holes per foot from 11121' to 11305' and 4 - ½" jet holes per foot from 10985' to 11070'.
4. Complete well on gas lift.

Alt. casing

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | Blanket | | |

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

Typed name, attorney-in-fact, OK-EC

By J.O. McDonald, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

(See attached sheet for plugs)

4 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 19 1948
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field Newhall-Potrero

Well No. Rancho San Francisco 65-7 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Location 3231.43' S. & 6846.34' E. from Cor. "J" Elevation of ground ~~at~~ above sea level ~~1208.87'~~ feet. kelly bushing 1222' conc. mat 1220'

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date May 18, 1948 Signed R. E. Jones

R. M. Bischoff (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 8-3-47 Completed drilling 4-9-48 Drilling tools Rotary

Total depth 12,717' Plugged depth 11,310'

Junk Unset McCullough aluminum bridging plug and remainder of drilled out Baker Model "K" retainer 11688'-11690'

| GEOLOGICAL MARKERS | | | | DEPTH | |
|---|---|---|---|---|---|
| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
| | | | | | |

Commenced producing 4-9-48 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 430 | — | 0.4 | 229 | 250 | — |
| Production after 30 days | 462 | — | 0.1 | 208 | 200 | — |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 329' | Surface | 52.74 | New | Smls. | J 55 | 17 1/4 | 300 | |
| 9 5/8" | 7631' | Surface | 40, 43.5, 47 | New | Smls. | J55 & N80 | 12 1/4 | 400 | |
| 7" | 11800' | Surface | 38, 35, 32, 29, 26 & 23 | New | Smls. | N 80 | 8 1/2 | 400 | |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 11305 ft. | 11121 ft. | 2088 - 1/2" Rd. holes-12 per ft. | | | Gun |
| 7" | 11680 ft. | 11372 ft. | 270 - 1/2" Rd. holes - 1 per ft. | | | Gun |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 12,717' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 19 1948
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD Newhall-Potrero

Well No. Rancho San Francisco 65-7, Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Signed R. C. Ford

Date May 18, 1948 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made, give interval tested and results of tests, such as, amount and nature of fluids recovered.

MAP | BOOK | FORMS | BOND

| Date | |
|---|---|
| 1947 | |
| 8-3 | Spudded in w/11" bit and 17½" Hole opener. |
| 8-5 | Depth 329'. Cmt'd. 13-3/8" - 52.74# - J 55 Collared Slip Jt. Csg. @ 329' w/300 sx. const. cmt. containing 2½% gel. |
| 8-6 | Found top of cmt. @ 317' & shoe @ 329'. Drilled ahead w/12-1/4" bit. |
| 10-5 | Depth 8450'. Ran Schlumberger Electric Log to 8433'. |
| 10-10 | Cmt'd. 9-5/8" - 47, 43.5 & 40# - J 55 & N 80 Smls. csg. @ 7631' w/400 sx. Colton slow cement (116# slurry). 12-1/4" hole to 8450'. |
| 10-11 | Landed 9-5/8" csg. |
| 10-15 | Found top of cmt. @ 7540' & shoe @ 7631'. Drilled ahead w/8½" bit. |
| 10-27 | Depth 9087'. 2nd Run Schlumberger Electric Log. |
| 11-12 | Depth 9908'. 3rd Run Schlumberger Electric Log. Drilled ahead w/8½" bit. |
| 12-3 | Depth 10752'. 4th Run Schlumberger Electric Log. |
| 12-21 | Depth 11314'. 5th Run Schlumberger Electric Log. Drilled ahead w/8½" bit. |
| 1948 | |
| 1-19 | Depth 12062'. 6th Run Schlumberger Electric Log. Drilled ahead w/8½" bit. |
| 2-2 | Depth 12528'. 7th Run Schlumberger Electric Log. Drilled ahead w/8½" bit. |
| 2-11 | Depth 12717'. 8th Run Schlumberger Electric Log. |
| 2-19 | Cmt'd. 7" - 38, 35, 32, 29, 26 & 23# - N 80 csg. @ 11800' w/400 sx. Colton Hi-Temperature cement (110# slurry). |
| 2-26 | Found top of cement @ 11400' & float collar @ 11719'. |
| 2-27 | Shot 4 - 3/8" holes @ 11709'. |
| 2-28 | Squeezed with 60 sx. Colton High Temperature cement. |
| 2-29 | Found top of cmt. @ 11699'. |
| 3-1 | Shot 4 - 3/8" holes @ 11713'. Ran Johnston Tester. Set packer @ 11640.95' w/tailpiece to 11663.45'. 2495' mud cushion. Valve open 1 hr. thru 3/8" bean. Slight puff - dead for remainder of test. Found fluid 15' below trip valve. Chart showed tester open thruout test with no pressure build-up. Test witnessed & W.S.O. approved by Lloyd White of D. O. & G. |
| | Ran Schlumberger Temperature Survey. |
| 3-2 | Drilled ahead with 5-3/4" bit and found shoe at 11798'. |
| 3-4 | Laid cement plug with 80 sacks cement. Tubing & drill pipe hung @ 12717'. |
| 3-5 | Found top of cement @ 12516'. |

SUNRAY MID-CONTINENT OIL COMPANY
California District

# WELL SUMMARY REPORT

RECOMPLETION

DIVISION OF OIL AND GAS
RECEIVED
FEB 15 1960
INGLEWOOD, CALIFORNIA

Field Newhall-Potrero

Well No. "Rancho San Francisco" #65-7, Sec 26, T.4N, R.7W, S.B. B. & M.

Location 3231.43' South and 6846.34' from Corner "J"

Elevation of K.B. above sea level 1222.00.

K.B. above Concrete Mat ~~Ground~~ 13.00'.

Date November 24, 1959

Signed J. McDonald
Agent

Contractor California Production Service
Type Rig Model D2M w/96' Hopper Mast
~~Commenced~~ Recompletion November 24, 1959 (Date)
~~Completed~~ Recompleted November 28, 1959 (Date)

## WELL CONDITIONS PRIOR TO WORK

Total Depth 12,717' Plugged Depth 11,310'

(See attached sheet)

## WELL CONDITIONS AFTER WORK

Total Depth 12,717' Plugged Depth 11,310'

(See attached sheet)

DIVISION OF OIL AND GAS
RECEIVED
FEB 29 1960
INGLEWOOD, CALIFORNIA

Commenced Producing November 28, 1959 (Date) ~~Flowing~~/gas lift/pumping

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production 11/30-59 | 223 | 31.4° | 1.0% | 985 | 180 | 525 |
| Production after 26 days | 130 | 30.6° | 0.6% | 387 | 210 | 530 |

Electrical Log Depths _____ (Attach copy of Log)

WELL SUMMARY REPORT

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall - Potrero

Well No. "Rancho San Francisco" 65-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Signed J. McDonald

Date February 4, 1960 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1959 | All depths are measured from original K.B. |
| 11/24 | Commenced recompletion @ 7:30 A.M. |
| | Hole had been filled with oil prior to starting work. |
| | Pulled 2 7/8" tubing and T.I.W. Packer |
| | Ran 5 3/4" bit and casing scraper. To scrape bullets @ 11121' to 11279'. Worked thru perforations, could not clean out below 11298'. Pulled 30,000# over carrying weight first stand off bottom. |
| 11/25 | Shot 4 - 1/2" jet holes @ 10958' for W.S.O. with comb.gun & tester. |
| | Test #12 - W.S.O. holes @ 10958' |
| | Ran Cook Hydraulic Test #1 on 2 7/8" tubing. Set straddle packers @ 10938' and 10968', 750' water cushion, 1/2" bottom bean. Open @ 3:45 P.M. for 1 hour, light blow 15 min., med. blow 45 min. No gas to surface, recovered cushion + 30' of fresh water + 150' of thick oily gassy rotary mud. Charts showed initial flow pressure 300#, final 350#. W.S.O. |
| | W.S.O. witnessed and approved by Dosch of Division of Oil & Gas |
| | Ran tubing open ended to 11004' and circulated 3 hrs, returns were gassy. |
| 11/26 | Well recompletion suspended due to holiday. |
| 11/27 | Shot 2 - 1/2" Welex Super Dyna-Jet holes per foot from 11281' to 11109'. Located bottom @ 11287'. |
| | Shot 4 - 1/2" Welex Super Dyna-Jet holes per foot from 11070' to 10985' |
| | Ran 7" 38# feeler ring & junk catcher to 11000' |

BARNSDALL OIL COMPANY

Form 5-OD

# CORE RECORD

DIVISION OF OIL AND GAS
RECEIVED
FEB 20 1948
LOS ANGELES, CALIFORNIA

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY BARNSDALL OIL COMPANY WELL (R.S.F.) No. 65-6

LOCATION 3231.43' S & 6846.34' E from corner "J" SEC. 4N R. 17W ELEV. 1222'K

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1947 | | | | | | | | | | | | |
| 10/1 | Reed | 11" | 8201 | 8211 | 6.2 | 62 | | | | 0.5 | Gray-brown, firm, difficultly friable, medium to coarse with rounded dark gray grits up to 1/4". Good odor, dark brown $CCl_4$ cuts. Looks O.K. | F |
| | | | | | | | | | 0.5 | | Gray, hard, lime-cemented, medium to coarse, gritty sandstone. | |
| | | | | | | | | | | 5.0 | Gray-brown, firm and difficultly friable to soft readily friable, medium to coarse and fine gritty. Good odor and dark brown $CCl_4$ cuts. Suggested dips (X-bedding?) at 40° to 50°. | |
| | | | | | | | 0.2 | | | | Gray-brown, dark, hard, tough, fine sandy siltstone and claystone. J.S.L. | |
| 8/2 | " | " | 8281 | 8291 | 9 | 90 | | 9 | | x | Gray, firm to friable, medium grained with abundant light to dark gray rounded grits in top one foot. One six inch zone of oil spotting (light brown) at 8286' giving good brown $CCl_4$ cut. Dip 38° at 8288'. Rest of core totally gray with no cut or odor. J.S.L. | F |
| 11/8 | " | " | 9655 | 9662 | 5 | 71 | | | | 2.0 | Light gray-brown, soft, readily friable, medium to fine, silty. Evenly saturated with good odor and dark brown ether cut. | F |
| | | | | | | | 3.0 | x | | x | Sandy shale, hard, inter-laminated gray shale and light gray fine silty sandstone giving excellent and consistent 45° dips. Few fragments of hard oil sand near bottom. J.S.L. | |
| 11/10 | " | " | 9662 | 9671 | 4 | 44 | x | x | x | x | Entire core in fragments. Recovered silty sandstone, oil sandstone, siltstone and sandstone shell. Good 40° dips. Lack of saturation in places probably due to siltiness and cementation. Core probably was from interval like last 3' of last core. Cuts in ether are brown. J.S.L. | D |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column [illegible] ght if core was fresh or dry when described. Indicate author by initials, fo[illegible]d by date [illegible]ibed if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

BARNSDALL OIL COMPANY

PETROLEUM BUILDING

LOS ANGELES 15

DIVISION OF OIL AND GAS
RECEIVED
APR 29 1948
LOS ANGELES, CALIFORNIA

CALIFORNIA DIVISION

April 28, 1948

Division of Oil & Gas,
1015 W. Olympic Boulevard,
Los Angeles 15, California

Gentlemen:

With reference to your "Report on Proposed Operations" No. P 1-43695, and subsequent reports thereto, pertaining to our Well No. 65-6 "Rancho San Francisco", in the Newhall-Potrero Field, Los Angeles County, California, this is to advise that this well will henceforth be known as Well No. 65-7 "Rancho San Francisco".

Will you please change your records on this well accordingly.

Yours very truly,

BARNSDALL OIL COMPANY

By [signature]
Agent

DLC-JSH

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

February 26, 1999

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 71,

A.P.I. No. 037-13250, Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated January 4, 1999, received January 19, 1999, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:**

1. Surface plugging completed on January 1, 1999.
2. Site inspection made and approved February 1, 1999.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

OPERATOR Medallion Oil Properties Co. A.P.I. 037 - 13250
WELL NO. "Rancho San Francisco" 71 SECTION 26, T. 4 N, R. 17 W
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 10/8/98 | | | | | |
| P-REPORT NUMBER | 298-164 | | | | | |
| CHECKED BY/DATE | PC 1-21-99 | | | | | |
| MAP LETTER DATED | 1-30-99 | | | | | |
| SYMBOL | + | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10/14/98 | | | | | | | | | | | |
| HISTORY | 1-19-99 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | 1-4-99 | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | PC 2-1-99 | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE PC

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: **Medallion California Properties** Field: **Newhall-Potrero** County: **Los Angeles**

Well: **"Rancho San Fransico" 71** . Sec. **26** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-12866** Name: **Bradford A. DeWitt** (Person submitting report) Title: **Agent** (President, Secretary or Agent)

Date: **January 4** , 19 **99**

Signature: Bradford A. DeWitt

**5400 Rosedale Highway, Bakersfield, CA 93308** (Address) **(805) 635-0465** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/18/98 | Move in, rig up. Kill well. Install B.O.P.. Pull out of hole with kill string. Run in hole and tally tubing to 5,000′. Close in well. |
| 12/19/98 | Continue to run in hole with open ended 2⅜″ tubing. Set tubing at 9,192′, mix and pump 171 ft³ 50/50 Poz with 35% silica flour with 5% gel in 2 stages. Pull out of hole. Close in well. |
| 12/21/98 | Open well, run in hole with open ended 2⅜″ tubing, tag cement plug at 8,147′, Paul Crommiller, D.O.G.G.R. witnessed . Set tubing at 8,145′, pump 277 barrels mud. Pull 1,200′ 2⅜″ tubing. Close in well. |
| 12/22/98 | Open well, continue pulling 2⅜″ tubing, laying down all tubing. Remove B.O.P.. Flange up wellhead. Rig down, move off. |
| 12/31/98 | Move in, rig up coiled tubing unit and equipment. Run in hole with coiled tubing unit to 1,100′, mix and pump 66 ft³ (42 sacks) class "G" cement with 35% silica flour. Theoretical top of cement at 800′. Pull out of hole with coiled tubing unit. Flush equipment. Rig down, move off. Note: wireline shot cavity shot at 1,100′ and 4 ½″ jspf x 1′ at 110′. |
| 01/01/99 | Move in, rig up coiled tubing unit and equipment. Run in hole with coiled tubing unit, tag top of cement at 874′. Pump 29 barrels of mud. Pull out of hole with coiled tubing unit. Hook cement pump to 7″ casing, pump 5 barrels of water to break circulation. Mix and pump 109 ft³ (70 sacks) class "G" cement with 35% silica flour, good cement to surface. Rig down, move off. Flush equipment. Bruce Hesson, D.O.G.G.R. witnessed and approved tag top of cement at 874′, mudding operations and placement of surface plug. |

RECEIVED JAN 19 1999 DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES VENTURA, CALIFORNIA

1-19-99

(DG103)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T299-4

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIF. PROPERTIES
1100 Mohawk St. Suite 154
Bakersfield, CA. 93309-7416

Ventura, California
January 4, 1998

Your operations at well "Rancho San Fransisco" 71, API No. (037-13250), Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 1-1-99. Bruce Hesson, representative of the supervisor, was present from 0700 to 1400. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 263', 7" cem 8634', cp 110' & 8612', cav shot @ 1100', perf 8437' & 8610' wso; 5 1/2 Hq 8598'-9214', perfs 8636'-9212'. TD 9215'. Plugged w/ cem 9192'-8147', 1100'-874' and 110'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

580
00
30-5th

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☑
BOND ☑
OGD114
OGD121 ☑

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "Rancho San Francisco" #71 **API No.** 03713250 **Sec.** 26 **T.** 4N **R.** 17W SB **B.&M.**

New Hall - Potrero **Field** Los Angeles **County, starting work on** 10-15-98

***The present condition of the well is***

**1. Total depth:** 9215 FT.

**2. Complete casing record, with plugs and perforations (present hole):**

13 3/8" 52.74# J-55 CMTD @ 263 FT.
7" 23#, 26# 28# 32# N-80 & J-55 CMTD @ 8634 FT.
5 1/2" 17# J-55 LINER HUNG AT 9214 FT
TOL 8598' PERF'D W/192 1/4" RHPF 8636 – 9212 FT.

**3. Date last produced or injected:** PRIOR DECEMBER 1990

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**

☐ Yes ☒ No

**The proposed work is as follows:**

NOTE: WSO @ 8437' (4 1/2" HOLES) IN 7" CSG.
BAKER MODEL "E" PKR @ 8427 FT.

SEE ATTACHED PROGRAM

RECEIVED
OCT 14 1998
DIVISION OF GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

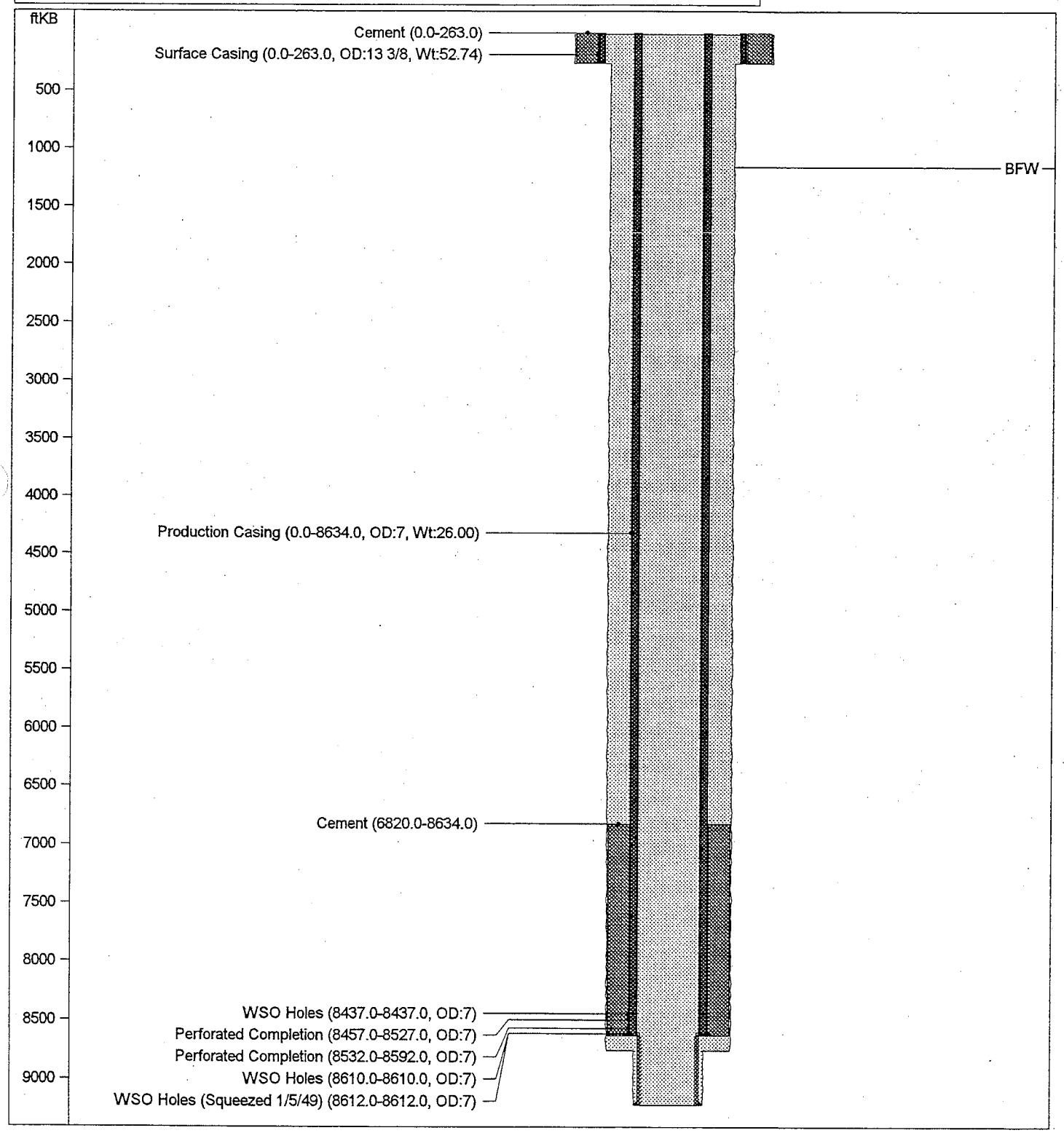
Address 5400 Rosedale Hwy (Street)
Bakersfield (City) CA (State) 93308 (Zip)
Telephone Number (805) (Area Code) 635-0465 (Number)

Mesallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
(Signature) 10-8-98 (Date)

OG108 (8/97)

| 04037132500000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 71 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 9215.0 ftKB |
| PBTD | 9215.0 ftKB |
| Approval Date | 27-Oct-48 |
| Spud Date | 25-Oct-48 |
| TD Date | 31-Jan-49 |
| Production Date | 31-Jan-49 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**10/19/98**

100. CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL IN BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

FEB 5 - 1949
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco 71-5 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Location 4057.93' S. & 6560.85' E. from Cor. "J" Elevation of ~~ground~~ kelly bushing 1204.87 above sea level feet.
conc. mat 1191.87

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date February 4, 1949 Signed R. E. Foss

H. M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title R. E. FOSS Agent (President, Secretary or Agent)

Commenced drilling 10-25-48 Completed drilling 1-31-49 Drilling tools Rotary

Total depth 9215' Plugged depth —

Junk —

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 1-31-49 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 407 | 32.1 | 3 | 385 | 660 | 190 |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforations |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 263' | Surface | 52.74# | New | Smls. | J-55 | 11"&17½" | 225 | |
| 7" | 8634' | Surface | 30,29,28, 26 & 23# | New | Smls. | N80 & J55 | 11" | 628 | 8612 (28 sx.) |
| 5 1/2" | 9214' | 8598' | 17# | New | Smls. | J-55 | 11", 6" & 6 5/8" | Hung | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½" | 9212 ft. | 8636 ft. | 192 - 1/4" Rd. holes/ft. | 16 | 1" | Western Perf. |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Electrical Log Depths 9215' (Attach Copy of Log)

HMS-JSH

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13250

DIVISION OF OIL AND GAS
RECEIVED
OCT 22 1948
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

12

This notice must be given and surety bond filed before drilling begins.

Los Angeles Calif. Oct. 21 1948

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 71-5, Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 4057.93 feet ~~N.~~ or S., and 6560.85 feet E. of ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushing 1204.87 / conc.mat 1191.87 above sea level is feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 8900 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74# | J-55 Smls. | 300' | Cmtd. |
| 7" | 29#, 26# & 23# | N-80 & J-55 Smls. | 8900' | Cmtd. |
| 5 1/2" | 17# | J-55 Smls. | 9100' | Hung |
| | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18a | MMS | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. FOSS R. E. Foss
Agent KH

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-49001

Los Angeles 15, Calif. November 19, 1948

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 71-5 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by J. L. White, Inspector, representative of the supervisor, on November 12, 1948. There was also present P. C. Protheroe, Driller; F. Ayers, Derrickman.

| Casing Record | Junk |
|---|---|
| 13-3/8" cem. 263'. T. D. 4710'. | xxxx |

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 10:10 a.m. and Mr. Protheroe reported:

1. An 11" rotary hole was drilled from the surface to 352' (opened to 17-1/2", surface to 263').
2. On October 26, 1948, 13-3/8", 54.5 lb. casing was cemented at 263' with 225 sacks of cement.
3. An 11" rotary hole was drilled from 352' to 4710'.

THE INSPECTOR NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.

The inspection was completed at 10:30 a.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

JLW:OH

cc- Company

E K MA
C/B

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musset C/B Deputy

86681 2-48 16,250 ② SPO

Sunray Mid-Continent Oil Company
Rancho San Francisco #71-5
Newhall-Potrero
History of Well at Time of Completion



## PRODUCTION DATA

| Date 1961 | Gross | Cut | Net | Grav. | Gasn. | Hal. | Pressure Tbg. | Pressure Csg. | Gross Gas | Circ. Gas | Net Gas | G.O.R. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/9 | 175 | 7.2 | 162 * | 30.0 | 48/64 | | 140 | 450 | 736 | 552 | 184 | 1136 |
| | * All Wash oil. | | | | | | | | | | | |
| 4/10 | 152 | 3.0 | 147 * | 31.6 | 48/64 | | 120 | 390 | 590 | 456 | 134 | 912 |
| | *All wash oil. | | | | | | | | | | | |
| 4/11 | 142 | 3.3 | 137 * | 31.6 | 48/64 | | 120 | 390 | 641 | 424 | 217 | 1583 |
| | * All wash oil. | | | | | | | | | | | |
| 4/12 | 135 | 4.2 | 129 * | 31.2 | 48/64 | | 120 | 390 | 677 | 412 | 265 | 2047 |
| | * All wash oil. | | | | | | | | | | | |
| 4/13 | 127 | 4.4 | 121 * | 31.6 | 48/64 | | 120 | 390 | 678 | 400 | 278 | 2298 |
| | * All wash oil returned, plus 114 barrels of net formation oil. | | | | | | | | | | | |
| /14 | 108 | 6.6 | 101 | 31.2 | 48/64 | | 120 | 380 | 727 | 387 | 340 | 3368 |

BARNSDALL OIL COMPANY

Form 5-

# CORE RECORD

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY BARNSDALL OIL COMPANY WELL R.S. No. 71-5

LOCATION 4057.93' S & 6560.85' E from Cor."J" SEC. 26 T. 4N R. 17W ELEV. 1204.8'

FEB 25 1949 LOS ANGELES, CALIFORNIA

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | | | | | | | | | | | | |
| 1/12 | Merc.Diam | 6" | 8782 | 8799 | 10' | 59% | 1½ | | | | Siltstone, gray, massive, hard. | F |
| | #1 | | | | | | | | | 1/2 | Oil sand, fine grained, firm, difficultly friable, | |
| | | | | | | | | | | | well saturated. | |
| | | | | | | | 2 | | | | Siltstone, as above. | |
| | | | | | | | | | | 3 | Oil Sand, very low permeability, very fine grained, | |
| | | | | | | | | | | | silty. | |
| | | | | | | | 2½ | | | | Siltstone as above, fine sandy throughout. | |
| | | | | | | | | | | 1/2 | Oil Sand, brown, readily friable, silty, low per- | |
| | | | | | | | | | | | meability, fine to medium grained. | |
| /13 | " | " | 8799 | 8816 | 13½' | 88 | 1 | | | | Siltstone, as above, brown-gray, slightly brittle, | F |
| | #2 | | | | | | | | | | somewhat fractured. | |
| | | | | | | | | | | 1 | Silty Oil Sand, gray-brown, massive, fine to very | |
| | | | | | | | | | | | fine grained, fractured and broken. | |
| | | | | | | | 1½ | | | | Siltstone, as above. | |
| | | | | | | | | | | 1/2 | Silty Oil Sand, fine grained, low permeability. | |
| | | | | | | | 1½ | | | | Siltstone, as above. | |
| | | | | | | | | | | 1/2 | Silty oil sand. | |
| | | | | | | | 7½ | | | | Siltstone with two thin streaks of very fine to medium | |
| | | | | | | | | | | | grained oil sand, silty and with a low permeability. | |
| 1/14 | " | " | 8816 | 8836 | 21½ | 100 | 2½ | | | | Siltstone ditto(1½' Pickup) | |
| | #3 | | | | | | | | | 2 | Silty Oil Sand, brownish gray, massive, firm, | F |
| | | | | | | | | | | | difficultly friable, fine grained, low permeability. | |
| | | | | | | | 15 | | | | Siltstone, as above, shaley in part with several | |
| | | | | | | | | | | | excellent dips 37° to 41°. | |
| | | | | | | | | | | 2 | Silty Oil Sand, gray to light brown, very fine grain- | |
| | | | | | | | | | | | ed, generally very low permeability commonly inter- | |
| | | | | | | | | | | | bedded with thin streaks of brown siltstone. | |
| 1/14 | " | " | 8836 | 8853 | 17 | 100 | 17 | | | x | 17' interbedded fine sandy siltstone and very fine | |
| | #4 | | | | | | | | | | grained, low permeable oil sand. Shows common | |
| | | | | | | | | | | | excellent shale bedding that varies from 35° to 43°. | |
| | | | | | | | | | | | Core contains about 6" of medium-permeability oil sand | |
| | | | | | | | | | | | with medium to fine grain size. | |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

October 10, 2000

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Fransico" 72

A.P.I. No. 037-13251, Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated September 13, 2000, received September 14, 2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on December 1, 1999.

2. Site inspection made and approved August 15, 2000.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By Stephen P. Mulqueen
*(Signature of Deputy Supervisor)*

FOR Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

tkc

OG159 (4/98)

# SCHLUMBER

WELL SURVEYING CORPORATIO

037-13251

COMPANY: BARNSDALL OIL CO.

FIELD: NEWHALL POTRERO

WELL: (R.S.F) 72-25

SEC. (27) 26 T. 4N R. 17W

COUNTY: LOS ANGELES STATE: CALIF. 5

ELEV.:

"Rancho San Francisco" 72-25
Sec. 26-4N-17W NEWHALL-POTRERO

MEDALLION CALIFORNIA PROPERTIES CO.

| RUN | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Date | 8-14-48 | 9-29-48 | 10-1-48 | |
| Csg. shoe | 4136 | 8547 | 8547 | |
| Total depth | 8900 | 9567 | 9644 | |
| Depth rchd. | 8852 | 9568 | 9646 | |
| Ft. Meas. | 4730 | 716 | 78 | |
| Mud Nat. | Lube Seal | Lime Imper. | Lime Imper. | |
| Dens | 77 | 80 | 80 | |
| Visc. | 70 | 60 | 58 | |
| Res. | 3.2 @ 84°F. | 1.3 @ 70°F. | .95 @ 85°F. | |
| Max. Temp. | ---- | 170°F. | 178°F. | |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | |
| Tension | ---- | ---- | ---- | |
| Rig. Time | 2 1/2 hrs. | 2 1/2 hrs. | 2 hrs. | |
| Mileage | ---- | ---- | ---- | |
| Observer | DAMirk | EATiner | GCHepburn | |

Witnessed by:

## DIAMETER OF HOLE

11" - 3700' 9 5/8" - 8900'
7" - 8547' 6" - 9644'

## REMARKS

Standard Resistivity - AM : 32"
Standard Lateral - OA : 10'
Long Lateral - OA : 19'

Below 8578 ft. 0 - 50 Mv. scale.
Films used:
1st run 4122 - 8578 ft.
2nd run 8578 - 9442 ft.
3rd run 9442 - 9646 ft.
0 - 400 ohms scale attached.

Note: First run made through drill pipe.

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

RESISTIVITY | SELF-POTENTIAL

OPERATOR [illegible] A.P.I. [illegible]

WELL NO. [illegible] SECTION 2[illegible], T. [illegible] N, R. [illegible] W

MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 9-28-99 | | | | | |
| P-REPORT NUMBER | 279-150 | | | | | |
| CHECKED BY/DATE | SPM 12-15-99 | | | | | |
| MAP LETTER DATED | 12-18-99 | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-4-99 | | | | | | | | | | | |
| HISTORY | 9-14-00 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. OK | 8-15-00 SM | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE SPM 9-14-00

FINAL LETTER OK

MAILED

RELEASED BOND

INJECTION BOOK

OLE WELL LIST

SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL

ABANDONED-REMOVED FROM E.D.P.

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY Mellon WELL NO. RSF 72

API NO. 037-13251 SEC. 26, T. 4N, R. 17W, SB B.&M.

COUNTY LA FIELD Newhall-Potrero

RBDMS DATA ENTERED: 10/4/99
(DATE)

BY: [illegible]
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion Calif Properties Co  Field Newhall-Potrero  County Los Angeles
Well Rancho San Francisco No. 72  Sec. 26  T. 4N  R.17W  S.B.B.&M.
A.P.I. No. 037-13251  Name Gene C. Daley (Person submitting report)  Title President (President, Secretary, or Agent)

Date Sept. 13, 2000 (Month, day, year)

Signature

Address 7130 S. Lewis Ave, Suite 700, Tulsa, Oklahoma 74136  Telephone Number 918/488-8283

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 11/8/99 | MI & RU a Service Rig. N/D tree and POOH 23 joints of tubing. RD & MO Service Rig. |
| 11/10/99 | WIH with coiled tubing and tagged bottom at 9597'. Pumped into well. Pulled end of tubing to 9593'. Mixed and spotted 160 CF of 50/50 POZMIX cement with 4% gel on bottom. Estimated top of cement at 8260'. Pulled end of tubing to 4000'. |
| 11/11/99 | WIH with coiled tubing and tagged top of cement at 8368'. Pulled end of tubing to 8363'. Pumped in 280 barrels of 72# mud from 8368' up To 1100'. |
| 11/16/99 | WIH with 30# of NITRO GEL to 1121' and detonated gel. WIH with coiled tubing to 1121'. Mixed and pumped in 81 CF of 50/50 POZMIX cement with 2% gel. Displaced cement down 7" casing and out the 9 5/8" by 7" casing annulus. POOH with tubing. Estimated top of cement at 962'. |
| 11/30/99 | WIH with coiled tubing and tagged top of cement at 820'. Mixed and pumped in 28 barrels of 72# mud from 820' up to 100'. |
| 12/1/99 | WIH with wireline gun and perforated 20 holes at 113'. Pumped into the 7" casing and out the 9 5/8" by 7" annulus and out the 13 3/8" by 9 5/8" annulus. Mixed and pumped in 89 CF of 50/50 POZMIX cement with 2% gel into the 7" casing and out both casing annuluses. Had good cement returns in both casing annuluses. This P&A was approved by the DOGGR. |

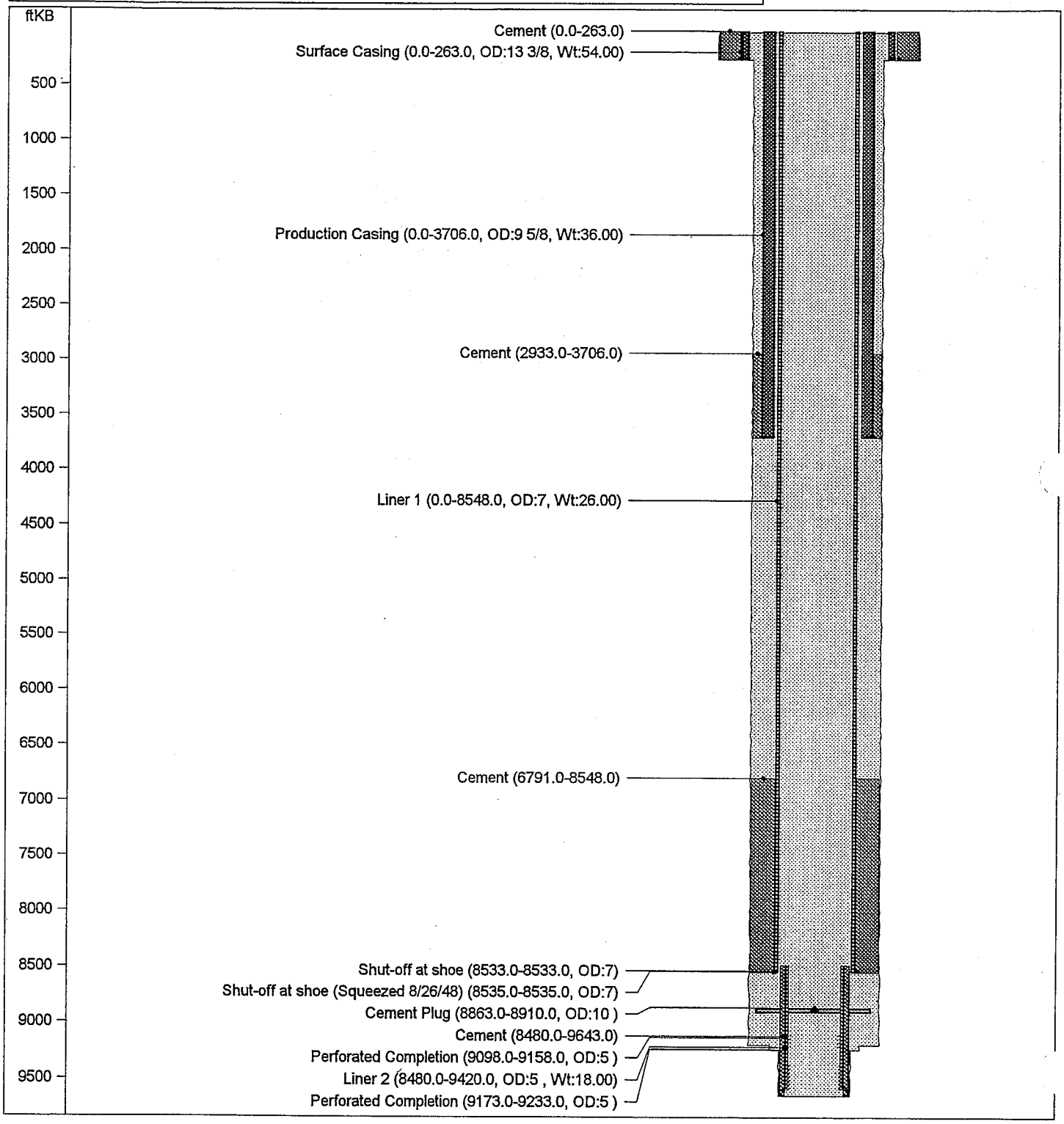
SEP 1 4 2000
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (6/97/GSR/5M)
Printed on recycled paper.

SUBMIT IN DUPLICATE

| 04037132510000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 72 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 9644.0 ftKB |
| PBTD | 8863.0 ftKB |
| Approval Date | 23-Apr-48 |
| Spud Date | 18-Apr-48 |
| TD Date | 12-Oct-48 |
| Production Date | 12-Oct-48 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**10/4/99**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATI
DIVISION OF OIL, GAS, AN
GEOTHERMAL RESOURCES

No. T299-199

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
December 13, 1999

Your operations at well "Rancho San Francisco" 72, API No. 037-13251, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 12-1-99. Bruce H. Hesson, representative of the supervisor, was present from 0600 to 1130. There were also present Alex Awasiw

Present condition of well: 13 3/8" cem 263'; 9 5/8" cem 3724'; 7" cem 8548', wso @ 8533', cp @ 100', cav. shot @ 1115', 5" Hq 8480'-9643', wso (cem sqz'd) @ 9375', wso @ 9370', perfs @ int. 9098'-9590'. TD 9644'. Plugged w/ cem 9597'-8355', 1115'-820', 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

INSPECTED SURFACE PLUG, OK 1-19-2000 S. MULQUEEN
(NO GAS MIGRATION)

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor
By
Patrick J. Rinnear
Deputy Supervisor

OG109 (Modified 1993)

500
50
30-5th

150

OG

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☒
BOND BB
OGD114 ✓
OGD121 ✓

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "Rancho San Francisco" #72 **API No.** 03713251 **Sec.** 26 **T.** 4N **R.** 17W **S.B. B.&M.**

Newhall-Potrero **Field** Los Angeles **County, starting work on** 10/15/99

***The present condition of the well is***

**1. Total depth:** 9,644 ft

**2. Complete casing record, with plugs and perforations (present hole):**
**13-3/8" 54# J-55 csg cmt'd @ 263 ft.**
**9-5/8" 36# J-55 csg cmt'd @ 3,724 ft. Est TOC @ 2,237 ft.**
**7" 23#, 26#, 29# N-80 & J-55 cmt'd @ 8,548 ft. Est TOC @ 6,791 ft. WSO hole @ 8,533 ft.**
**5" 18# N-80 liner hung to 9,643 ft. Liner cmt'd 9,400 ft to 8,460 ft. TOL @ 8,480 ft.**
**Please see additional information below.**

**3. Date last produced or injected:** Pre-1990

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

Note: Well was a 5th Zone producer.

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**
☐ Yes ☒ No

**The proposed work is as follows:**

Please see attached program.

RECEIVED
OCT 04 1999

Additional casing record information:

5" perforated 9,098 ft - 9,158 ft,
9,173 ft - 9,233 ft.
WSO 9,375 ft; sqzd w/cmt.
WSO 9,370 ft.
9,400 ft - 9,590 ft

[5" x 7" lap WSO at 8,480 ft. Junk in hole 8,914 ft - 9,238 ft (bit, stabilizer, jars, drill collars & drill pipe)]

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 Rosedale Highway (Street)
Bakersfield, CA 93308 (City) (State) (Zip)
Telephone Number 661-823-9006 (Area Code) (Number)

Medallion California Properties Company (Name of Operator)
By C. D. Fiddler (Print Name)
Donald D. Fiddler (Signature) 9/28/99 (Date)

OG108 (8/97)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
APR 20 1948
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13251

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins 5

Los Angeles Calif. April 15, 1948

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 72-5, Sec. 26, T. 4 N. JLW R. 17 W., SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3265.35 feet N. or S., and 6003.26 feet E. or W. from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ground or kelly bushing above sea level is 1284 feet.
conc.mat 1271.43

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9600 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8 | 54.5 | J 55 Smls. | 300 | Cemented |
| 7 | 23,26,29,32 | J55 & N80 Smls. | 9600 | " |
| 5½ | 17 | J 55 Smls. | 9900 | Hung |
| | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW | JLW | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. Foes
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

OK
G.P.

FORM 107

DIVISION OF OIL AND GAS
RECEIVED
FEB 10 1964
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

THIS NOTICE MUST BE GIVEN BEFORE WORK BEGINS; ONE COPY ONLY

Newhall Calif. January 6, 1964

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. (R.S.F.) #72-5
(CROSS OUT UNNECESSARY WORDS)

Sec. 26, T. 4N, R. 17W, SB B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 9644'

2. Complete casing record.

13-3/8" 54# csg. cmt. @ 263' w/ 250 sx.
9-5/8" 36# csg. cmt. @ 3706' w/ 200 sx.
7" 23#, 26# & 29# csg. cmt. @ 8547.5' w/ 600 sx.
Perf. 4-3/8" holes @ 8533' W.N.S.O. Sqzd. w/ total 343 sx.
Perf. 4-3/8" holes @ 8533' W.S.O.
5" 18# Liner @ 9643' w/top @ 8480'. Cemented from 9400' to 8480' w/ 215 sx. Lap W.S.O. @ 8480'
Perf. 4-3/8" holes @ 9375' W.N.S.O. Sqzd. w/ 50 sx.
Perf. 4-3/8" holes @ 9373' W.S.O.
Perf. w/ 192 1/4" Rd. holes/ft. 9590-9400'

3. Last produced. March, 1962 (DATE) 13 (NET OIL) 31.2 (GRAVITY) 10% (CUT)

The proposed work is as follows:

1. Perforate 4-1/2" holes/ft. 9233-9173' & 9158-9098'

2. Return well to production

NOTE: Well will remain as R.S.F. #72-5

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray DX Oil Company
(NAME OF OPERATOR)
J. O. McDonald, District Engineer
By J. O. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

SUBMIT LOG IN DUPLICATE

FILL T[illegible] LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA[illegible] ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 24 1948
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco 72-5 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Location 3265.35' S. & 6003.26' E. from Cor. J Elevation of kelly bushing ~~ground or~~ conc. mat above sea level 1284 feet. 1271.43

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 11-22-48 Signed R. E. Foss

H. M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title R. E. FOSS Agent (President, Secretary or Agent)

Commenced drilling 4-18-48 Completed drilling 10-12-48 Drilling tools Rotary

Total depth 9644' Plugged depth — GEOLOGICAL MARKERS DEPTH

Junk (1) 12¼" bit, 10 5/8" stabalizer, 160' - 7 9/16" Bumper Sub, 5' - 4½" D.P. (3186' to 3374')
(2) Rotary shoe, 171' - 9" Wash Pipe, 6 5/8" Jars, 6 5/8" Bumper Sub, 80' - 7 5/8" Drill collar, 5" F.H. Bumper Sub & 40' - 4½" D.P. (8914'-9238')

Commenced producing 10-12-48 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 89 | — | 0.3 | 36 | 250 | 1750 |
| Production after 30 days | | | | | | |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 263' | Surface | 54# | New | Elec. Wld. & Smls. | J-55 | 17" | 250 | |
| 9 5/8" | 37~~24~~96' | Surface | 36# | New | Smls. | J-55 | 11" | 200 | |
| 7" | 8547.50 | Surface | 23#, 26 & 29# | New | Smls. | N80, J55 | 11" | 600 | |
| 5" | 9643 | 8480 | 18# | New | Smls. | N80 | 11" & 6" | 215 | 9400' |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5" | 9591 ft. | 9401 ft. | 192 - 1/4" Rd. holes/ft. | 16 | 1" | Western Perf. |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

Electrical Log Depths 9238', 9567', 9644' (Attach Copy of Log)

HMS-JSH

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 24 1948
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho San Francisco 72-5, Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Signed R. E. Foss
R. E. FOSS

Date November 22, 1948 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1948 | |
|---|---|
| 4-18 | Spudded in w/11" bit & drilled to 312' |
| 4-19 | Depth 263'. Opened hole to 17" & ran 13 3/8" - 54# csg. cmt'd. @ 263' w/250 sx. Drilled ahead w/11" bit. |
| 5-10 | Depth 5995'. Pulled pipe into key seat & parted pipe top of fish @ 5205' |
| 5-24 | Recovered fish |
| 7-1 | Depth 9193'. Drilled ahead w/ 7 5/8" bit. |
| 7-2 | Depth 9238'. Stuck pipe @ approx. 3538' |
| 7-7 | Laid cmt. plug w/50 sx. Top @ 6258' - Btm. 6336' |
| 7-9 | Cut 4½" D.P. @ 3097' |
| 7-18 | Chg. to oil base |
| 7-21 | Pulled fish loose |
| 7-24 | Chg. to Lube Seal Mud |
| 7-28 | Drilled out cmt. plug (6258' to 6336') with 11" bit and opened hole 9193' to 9238' |
| 7-31 | Depth 9238'. Stuck pipe & left fish in hole 3186' to 3374' |
| 8-7 | Stuck wash pipe & shot same off (8914' to 9238') |
| 8-8 | Ran & cmt'd. 9 5/8" - 36#Csg. Stopped @ 3724'. Cmt'd. @ 3706' w/200 sx. Found top of cmt. @ 3548' & shoe @ 3706' |
| 8-10 | Drilled out of 9 5/8" csg. w/8 5/8" bit. |
| 8-13 | Cleaned out w/8" bit to 8900'. |
| 8-14 | 1st Run Schlumberger to 8852' thru 4,004' 4½" D.P. |
| 8-15 | Wall scraped 3724' to 8555' to 10 5/8" |
| 8-22 | Cmt'd. 7", 23#, 26# & 29# csg. @ 8547.5' w/600 sx. |
| 8-26 | Shot 4 - 3/8" holes @ 8535'. Ran Johnston Tester W.N.S.O. - Squeezed 50 sx. away |
| 8-27 | Broke down @ 1900#, attempted squeeze w/press. of 3800#. Backscuttled. |
| 8-28 | Drilled out cmt. 8473' to 8537'. Squeezed 50 sx. cmt. away @ 3350#. Lost 12' of 2" O.D. Brass Bull Plug in hole. |
| 8-29 | Cleaned out cmt. 8460' to 8537' w/6" bit. |
| 8-30 | Ran Johnston Tester - W.N.S.O. Squeezed w/50 sx. & displ. to clr. holes |
| 8-31 | Cleaned out cmt. 8519' - 8537' w/6" bit. Broke down @ 4000#. Squeezed w/50 sx. |
| 9-1 | Pressure breakdown @ 4650#. Squeezed w/50 sx. Broke down @ 4800#, squeezed w/43 sx. |
| 9-2 | Cleaned out cmt. 8534' to 8536' w/6" bit. Broke down @ 4900#, squeezed w/50 sx. |
| 9-3 | Cleaned out cmt. 8534' - 8537'. No breakdown. Ran press. to 6000#. Took 10 C.F. Bled back 6 C.F. to 0# press. Acted as if Halliburton S.S.T. were leaking |
| 9-4 | Shot 4 - 3/8" holes @ 8533'. Ran Johnston Tester on 3½" 13.3# D.P. w/pkr. set @ 8505' & tailpiece to 8520' w/1025' of mud cushion. Valve open |

1948

@ 11:06 A.M. for 1 hr. Light blow 6 min. Dead 54 min. Rcvd. 15' of drilling fluid. Test witnessed & approved by Paul Betts of D. O. & G. Drilled out to 6900' w/6" bit.

9-6 Ran Johnston Tester for production test of upper 4th zone. Set pkr. @ 8510' & tailpc. to 8524' w/1025' mud cushion. Opened trip valve @ 7:15 A.M. w/ 3/8" btm. bean. Fluid to surface @ 11:40 A.M. Fluid flowing changed from mud to water @ 8:00 P.M.

9-7 Pulled tester loose @ 7:15 A.M. Recovered salt water @ 700 Bbl/day rate.

9-8 Cleaned out to 8900' w/6" bit. Took wt. @ 8914'.

9-9 Wall scraped to 10 5/8" from 8552' - 8900'.

9-10 Laid cmt. plug from 8910' to 8863' w/25 sx. cmt. & 6 sx. sa

9-11 Drilled out to 8866'.

9-12 Eastman knuckle joing 8866' - 8881'

9-13 8866' - 8884' opened hole to 8 3/4"

9-14 8884' - 8894' Eastman knuckle joint

9-15 Depth 8894'. Opened hole to 6" & drilled ahead w/6" bit.

9-16 Depth 8891'. Survey N 77° E @ 5° 20'

9-29 Depth 9567'. Second Schlumberger Electric Log.

10-1 Depth 9644'. Third Schlumberger Electric Log.

10-4 Ran & cmt'd. 1163' of 5" - 18# liner blank & perf. w/solid bfl. upwhirler collar @ 9400', shoe @ 9643' & hanger @ 8480'. Cmt'd. w/215 sx.

10-5 Depth 8480'. Cleaned out w/6" bit.

10-6 Depth 9343'. Cleaned out w/4" bit.

10-7 Ran Johnston Tester to test liner lap. Set Pkr. @ 8445' w/tailpc. to 8460'. Valve open 64 min. Used 11 stds. (1000') mud cushion. Md. stdy. blow 1 min., lt. stdy. 1 min., dead 62 min. Rcvd. 20' fluid - thin gas cut mud. W.S.O. approved by Lloyd White of D. O. & G.

10-8 Shot 4 - 3/8" holes @ 9375'.

Ran Johnston Tester. Set pkr. @ 9317' w/tailpc. to 9332'. Used 11 stds. mud cushion. Opened valve @ 3:29 P.M. for 63 min. thru a 3/8" bean. Strong stdy blow, declining to medium.

Recovered 41 stds. of oil & gas (blew gas several times) and 4 2/3 stds. of water, w/trace of mud & oil. Salinity, btm. std., 430 g/g W.N.S.O.

10-9 Squeezed 50 sx. cmt. thru holes @ 9375' w/max. press. of 5050#

10-10 Cleaned out cmt. 9371' to 9385' w/4" bit.

Shot 4 - 3/8" holes @ 9373'.

10-11 Ran Johnston Tester on 999.79' - 6.5# tbg. & 8338.06' - 3½" 13.3# I.F. D.P. w/pkr. set @ 9318' & tailpc. to 9334' w/1010' mud cushion. Opened valve @ 7:15 A.M. & left open thru a 3/8" btm. bean for 60 min. Weak, stdy. blow 6 min., dead 54 min. 375' fluid (gas, oil & watery mud - 193 g/g) rise. B.H.P. chart showed tester open thruout test w/gradual press. rise from 700 psi to 750 psi. Test witnessed & W.S.O. approved by Lloyd White of D. O. & G.

Depth 9643'. Cleaned out w/4" bit to bottom of liner.

10-12 Ran production tbg. to 9584.31'.

DIVISION OF OIL AND GAS
RECEIVED
NOV 24 1948
LOS ANGELES, CALIFORNIA

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

HMS-JSH

SUNRAY DX OIL COMPANY

SOUTHWESTERN DIVISION — NEWHALL DISTRICT

# WELL SUMMARY REPORT

Field Newhall-Potrero

Well No. Rancho San Francisco #72-5, Sec. 26, T. 4N, R. 17W, S.B. B.&M.

Location 3265.35' South and 6003.26' East from Corner J, Los Angeles County, California

Elevation of K.B. above sea level 1284'.

K.B. above ~~Ground~~ Concrete Mat 13.3'.

Date May 28, 1965

Signed J. R. Hinkle, District Engineer

Contractor California Production Service, Inc.

Type Rig Hopper Hoist 96' Hopper Mast

Commenced Rework : February 7, 1964 (Date)

Completed Rework : February 8, 1964 (Date)

## WELL CONDITIONS PRIOR TO WORK

Total Depth 9644' Plugged Depth -

13 3/8" 54.5# Csg cmt'd at 263' w/250 sx.
9 5/8" 36# Csg cmt'd at 3706' w/200 sx.
7" 23, 26, & 29# Csg cmt'd at 8547.5' w/600 sx.
4 - 3/8" Holes at 8533' W.N.S.O. sqzd w/343 sx cmt.
4 - 3/8" Holes at 8533' W.S.O.
5" 18#, N-80 liner at 9643' w/top at 8480'. Cmt'd from 9400' to 8480' w/215 sx.
Perf'd w/192 - 1/4" Rd holes/ft: 9590'-9400'.
Perf'd w/4 - 3/8" holes at 9375' W.N.S.O. Sqzd w/50 sx.
Perf'd w/4 - 3/8" holes at 9373' W.S.O.
Lap W.S.O. at 8480'.

## WELL CONDITIONS AFTER WORK

Total Depth 9644' Plugged Depth -

13 3/8" 54.5# Csg cmt'd at 263' w/250 sx.
9 5/8" 36# Csg cmt'd at 3706' w/200 sx.
7" 23, 26, & 29# Csg cmt'd at 8547.5' w/600 sx.
4 - 3/8" Holes at 8533' W.N.S.O. sqzd w/343 sx cmt.
4 - 3/8" Holes at 8533' W.S.O.
5" 18#, N-80 liner at 9643' w/top at 8480'. Cmt'd from 9400' to 8480' w/215 sx
4 - 1/2" Holes/ft 9233' to 9173' & 9158' to 9098'.
192 - 1/4" Rd holes/ft: 9590'-9400'.
Perf'd w/4 - 3/8" holes at 9375' W.N.S. Sqzd w/50 sx.
Perf'd w/4 - 3/8" holes at 9373' W.S.O.
Lap W.S.O. at 8480'.

DIVISION OF OIL AND GAS
RECEIVED
JUN 1 1965
INGLEWOOD, CALIFORNIA

Commenced Producing February 12, 1964 (Date) Flowing/gas lift/pumping

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 35 | 33.6 | 50 | | | |
| Production after 11 days | 10 | 34 | 84.1 | | | |

Electrical Log Depths 9644' (Attach copy of Log)

WELL SUMMARY REPORT

FORM 103

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Sunray DX Oil Company FIELD Newhall-Potrero

Well No. Rancho San Francisco #72-5, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Date May 28, 1965 Signed J. R. Hinkle, District Engineer

23928 Lyons Avenue, Newhall, Calif. 805-259-2440 Title Agent

(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

1964

ALL MEASUREMENTS ARE FROM KELLY BUSHING WHICH IS 13.3' ABOVE CONDUCTOR MAT.

PURPOSE OF JOB

Perforate 4L and commingle with 5th Zone.

2-7 Rigged up California Production Service Inc., rig. Killed well with 108 barrels lease crude. Installed and tested B.O.E. Pulled tubing to 2500' and gas lifted oil out of hole. Finished pulling tubing out of hole.

Perforations

Shot 4 - 1/2" Schlumberger Crack Jet holes per foot using 15 Gram charges from 9233' to 9173' and 9158'-9098'.

2-8 Ran Perforation log 9260' to 8900'.

Ran production string with gas lift valves. Landed tubing at 9546'. Completed on gas lift.

Rig released at 8:30 PM.

PRODUCTION DATA

| | BOPD | BWPD | CUT | GRAVITY | REMARKS |
|---|---|---|---|---|---|
| 2-10 | 50 | 0 | .01 | 34.6 | Well owes 191 bbls wash oil. |
| 2-11 | 148 | 0 | .01 | 34.5 | Well owes 43 bbls wash oil. |
| 2-12 | 43 | 0 | .01 | 33.8 | All wash oil returned. |
| 2-13 | 35 | 35 | 50 | 33.6 | Chg flow line from Plant #1 to Plant #3. |
| 2-14 | 12 | 71 | 85 | 33.2 | |
| | | | | | Well out of check 2-15- to 2-19-64. |
| 2-20 | 20 | 43 | 68.2 | 34.0 | |
| 2-21 | 10 | 53 | 84.1 | 34.0 | |

DIVISION OF OIL AND GAS
RECEIVED
JUN 1 1965
INGLEWOOD, CALIFORNIA

BARNSDALL OIL COMPANY

Form 5-f

# CORE RECORD

OCT 29 1948

COUNTY LOS ANGELES FIELD OR DIST. NEWHALL-POTRERO COMPANY BARNSDALL OIL COMPANY WELL (R.S.P.) 72-5

LOCATION 3265.35' S & 6003.26' E from Corner "J" SECT. LOS ANGELES CALIFORNIA R. 17W ELEV. KB 1284

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | | | | | | | | | | | | |
| 9/23 | Reed #1 | 6" | 9300 | 9304 | 3' | 75 | 3 | | | | Siltstone: gray-brown, interbedded with very fine gray sand, hard, brittle, slickensided in part with both lateral and down-dip slickensides. Oil on fractures but none in sandy streaks (too tight). Dip 46° to 50°. | F |
| 9/24 | " #2 | " | 9378 | 9385 | 7' | 100 | | | | 4.5 | Oil Sand: Light gray-brown, fine grained, firm, friable, biscuit bedded in part, with dark amber to brown cuts and containing several siltstone interbeds giving 37° to 40° dips. Gasoline odor, good saturation. | D |
| | | | | | | | 2.5 | | | | Siltstone: Light to very dark brown, finely bedded with very fine sand, firm, slightly brittle, with several steep fractures. Dip 40°±. | |
| 9/25 | " #3 | " | 9421 | 9431 | 10' | 100 | | | | 8.2 | Oil Sand: Yellow-brown, massive, firm, friable, medium grained, good odor and saturation, brown cuts. | D |
| | | | | | | | 1.8 | | | | Siltstone: As above, fine sand-bedded, dip irregular 45°. | |
| 9/27 | " #4 | " | 9476 | 9481 | 3' | 60 | | | 1.0 | | Sandstone Shell: Massive, hard, gray, dense, with one indicated 50° dip. | F |
| | | | | | | | | | | 2.0 | Oil Sand: Brown-gray, massive, firm, friable, fine to medium grained, good odor and saturation, brown other cuts (slow). | |
| 9/28 | " #5 | " | 9517 | 9520 | 1' | 30 | | | 0.2 | | Sandstone Shell: Medium to coarse grained, gray, hard. | |
| | | | | | | | | | 0.8 | | Conglomerate: Sandstone matrix, small pebbly to 4" cobbles of metamorphic rock, broken up, no dips. No odor, stain or cut. | F |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

Form 5-OD

# CORE RECORD

RECEIVED
OCT 20 1948

COUNTY | FIELD OR DIST. | COMPANY | WELL R.S.F.#72-5

LOCATION | -2- | SECT. | T. | R. | ELEV.

LOS ANGELES, CALIFORNIA

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | | | | | | | | | | | | |
| 9/29 | Reed #6 | 6" | 9561 | 9567 | 1' | 16 | | | 1' | | Conglomerate: Gray, hard, massive, with pebbles to 1½" in matrix of ill-sorted coarse grained sand. Shows occasional oil stain with a light cut - generally impermeable. | |
| | | | | | | | | | | | R. S. Johnson | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

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SORTING: E Even, G Good, P Poor, F Fair.
MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

June 29, 1982

Mr. L. B. Carroll, Jr., Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 75 (Name and number),
A.P.I. No. 037-13254, Section 26, T. 4N, R. 17W, S. B. B. & M.,
Newhall-Potrero field, Los Angeles County,
dated 4/30/82, received 5/5/82, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS | |
|---|---|---|---|---|---|
| | | | | | 121 |

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor

Murray W. Dosch

OG159 (11-76-GSR1-8M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUN 1 1982
SANTA PAULA DIST.

## History of Oil or Gas Well

Operator SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION
Field or County Newhall Potrero
Well RSF #75
Sec. 26, T 4N, R 17W SB B. & M.
A.P.I. No. 037-13254
Name L. B. CARROLL, JR. (Person submitting report)
Title Agent (President, Secretary or Agent)
Date 6/18/82, 19

Signature L B Carroll Jr.

P. O. Box 55060, Valencia, California 91355-0560 (Address)
(805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1982 | |
| 4/1 | TD 7890 PBTD 7820/13-3/8" 52.74# J-55 CSG @ 413 CMTD w 300 SX/7" 23, 26 & 29# J55 N80 CSG @ 7880 CMTD w 600 SX/PERFD w ½" HOLES JSPF 7670-7690, 7730-7750/ THIS WELL IS UNECONOMIC TO PRODUCE & WAS RECOMMENDED FOR P&A/ MIRU CPS #19/BLED WELL DN/INSTL BOE/REL PKR/POOH/SIFN/ |
| 4/2 | RIH w 2-7/8" TBG TO 7820/CHG OVR TO 74# MUD/MX & PMP 57.5 FT³ CL "G" CMT/DISPL w 245 FT³ MUD/POOH TO 7550/REVERSE CIRC HOLE CLN/POOH TO 7000/SIFN/ |
| 4/3 | RIH TAG SOFT CMT @ 7650/REVERSE CIRC HOLE CLN/MX & PMP 22 FT³ CL "G" CMT/DISPL w 244 FT MUD/POOH TO 7510/REVERSE CIRC HOLE CLN/POOH TO 7000/SI UNTIL 4-5-82/ |
| 4/5 | RIH TAG CMT @ 7510/MIKE STETTNER w DOG WITNESS & OK'D/POOH/RU GEARHART/PERF 4 - ½" HOLES @ 880/RIH w CMT RET & SET @ 780/RU HOWCO/ESTABLISH BRK DN 4 BPM @ 900 PSI/MX & PMP 200 SXS CL "G" NEAT CMT/DISPL w ½ BBL MUD/UNSTAB/DISPL w 1½ BBLS MUD/POOH/SIFN/ |
| 4/6 | RIH TAG CMT @ 665/POOH TO 60/MX & CIRC CMT TO SURF/RD MOVE TO RSF #78/ |
| 4/20 | COMPLETED P&A SURF WRK/ |
| 5/7 | FINAL REPORT/ |

OPERATOR SUN
LSE & NO ACF 76
MAP 2-C-9

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | ABAND | | | | | |
| NOTICE DATED | 3-5-82 | | | | | |
| F-REPORT NUMBER | 282-101 | | | | | |
| CHECKED BY/DATE | FT 6-30-82 | | | | | |
| MAP LETTER DATED | 7-3-82 | | | | | |
| SYMBOL | + | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-10-82 | | | | | | | | | | | |
| HISTORY | 6-21-82 | | | | | | | | | | | |
| SUMMARY | 5-5-82 | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/DWS DESCRIP | | | | | | | | | | | | |
| Gamma Ray | 5-5-82 | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | OK | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED 6-30-82

RELEASED BOND _____

REMARKS: 5/5/82 Surf insp OK (see T-report)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 282-92

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. J. B. Carroll, Jr., Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Santa Paula, Calif.
April 28, 1982

Your operations at well "Rancho San Francisco" 75, API No. 037-13254
Sec. 26, T. 4N, R. 17W, SB B.& M. Newhall-Potrero Field, in Los Angeles County,
were witnessed on 4/23/82. R. Habel, representative of
the supervisor, was present from 0900 to 0930. There were also present Dennis Douglas,
CPS, drilling foreman

Present condition of well: 13 3/8" cem 413'; 7" cem 7880', perf (intervals) 7670-7690', 7730-7750'; 5 1/2" ld. 7860-8150', perf (intervals) 7890-7920', 7941-8149', perf 7868', 7849', 7847' WSO (cem off), T.D. 8151', Plugged with cement 8151-7510', w/209 cf cem. below retainer at 780', w/cem 780-668', and 60' - 5'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

WELL IS PROPERLY ABANDONED & SITE RESTORED TO 5/5/82
A SATISFACTORY CONDITIONED

b

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor

Murray W. Dosch

OG109(12-80-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
1 0 1982

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO #75, API No. 037-13254, Sec. 26, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County, commencing work on MARCH 15, 19 82.

The present condition of the well is: PRODUCER

1. Total depth: 8139

2. Complete casing record, including plugs and perforations:

SEE ATTACHMENT A & B

3. Last produced 12/81 (Date) 0 (Oil, B/D) 10 (Gas, Mcf/D) 0 (Water, B/D)

or

4. Last injected NONE (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands:

The proposed work is as follows:

1. MIRU. INSTALL BOP. FILL HOLE W/LEASE WATER. POH W/TBG & PKR.
2. RIH W/SAWTOOTH COLLAR ON BOTTOM OF 2-7/8" TBG. TO TD 7820'.
3. RU HOWCO. SPOT A BALANCED PLUG FROM T.D. TO 7570' W/APPROX. 60 SX CLASS 'G' CEMENT.
4. POH TO 6000'. WOC 4 HRS. CONTACT DOG TAG TOC. LOAD HOLE W/72# MUD (300 BBLS).
5. RU PERFORATORS AND PERF 4-1/2" HOLES AT 880' (BASE OF F/W SANDS).
6. RIH W/CEMENT RETAINER AND STINGER ON TBG AND SET AT 780'/ PUMP 200 SX. CLASS 'G' CM
7. UNSTAB FROM RETAINER AND SPOT A 100' BALANCED PLUG ON TOP OF RETAINER. POH. CONTACT DOG AND TAG TOC.
8. LAY A 25' CMT PLUG (30'-5') W/9 CU FT OF CLASS 'G'. CONTACT DOG.
9. CUT CSG 5' BELOW SURFACE REMOVE CELLAR AND LINES AND CLEAR LOCATION. WELD ON PLATE AND INSTALL MARKERS. CONTACT DOG.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W RYE CANYON ROAD (Street)
VALENCIA (City) CALIFORNIA (State) 91355-0560 (Zip)
Telephone Number 805/257-6200

SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION (Name of Operator)
By [signature] (Name) 3/5/82 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

SEP - 2 1981
SANTA PAULA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #75, API No. 037-013254, Sec. 26, T. 4N, R. 17W, ____ B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 8151

2. Complete casing record, including plugs and perforations:
   13 3/8" 52.74#, J-55 @ 413' cemented with 300 sx
   7" 23#, 26#, 29#, J-55 with N-80 casing to 7880' cemented with 600 sx
   5 1/2" 17# J-55 liner with hanger @ 7860' shoe @ 8150

3. Present producing zone name 123 zone-3A pool Zone in which well is to be recompleted 3rd zone A bloc

4. Present zone pressure N/A New zone pressure N/A

5. Last produced 8/24/80 (Date) 1 (Oil, B/D) 189 (Water, B/D) 0 (Gas, Mcf/D)

or

6. Last injected ____ (Date) ____ (Water, B/D) ____ (Gas, Mcf) ____ (Surface pressure, psig.)

The proposed work is as follows: see attached procedure

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

Address P O BOX 55060 (Street)
Valencia (City) California (State) 91355 (Zip)
Telephone Number 805/257-6200

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L. B. Carrell Jr. by JRB (Name) 9/1/81 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

(1-78-GSR1-15M)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 2 - 1948
LOS ANGELES, CALIFORNIA

037-13254

5

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. July 1 1948

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #75-3, Sec. 26, T. 4 N. PWB R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2791.92 feet ~~N. or~~ S., and 5403.03 feet E. ~~or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing ground ~~or~~ above sea level is 1272.33 1262.33 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7890 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 48# | J 55 Smls. | 300' | Cemented |
| 7" | 23 & 26# | J 55 & N 80 Smls. | 7890' | Cemented |
| 5½" | 17# | J 55 Smls. | 8190' | Hung |
| | | | | |

| Map | Map Book | Cards | Bond | Forms 114 | Forms 121 |
|---|---|---|---|---|---|
| 18-A | PWB | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. Fors
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-48516

Los Angeles 15, Calif. July 28, 19 48

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR: "Rancho San Francisco"

Operations at your well No. 75-3 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by Paul Betts, Inspector, representative of the supervisor, on July 22, 19 48. There was also present G. M. Smith, Driller
J. Elsworth, Derrickman

Casing Record 13-3/8" cem. 413'; T.D. 1200'

Junk xxx

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 8:45 a.m. and Mr. Smith reported:

1. A 17-1/2" rotary hole was drilled from surface to 413'.
2. On July 19, 1948, 13-3/8" 52.74 lb. casing was cemented at 413' with 800 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 413' to 1200'.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole and for closing around the 4-1/2" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill-up line, with a 2" high pressure Nordstrom gate, into the 13-3/8" casing, below the above equipment.

The inspection was completed at 9:00 a.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

cc - Company

PB:ES

R. D. BUSH
State Oil and Gas Supervisor

By [signature] Deputy

86661 2-48 16,250 ② SPO

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13259

10

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles, Calif. September 20 1948

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco "80-5", Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3980.96 feet ~~N.~~ or S., and 8265.84 feet E. or ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushing above sea level is 1388.40 feet.
conc.mat 1378.40

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9800 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.5# | J-55 | 400 | Cemented |
| 7" | 23, 26 & 29# | N-80 & J-55 | 9800 | Cemented |
| 5 1/2" | 17# | J-55 | 10150 | Hung |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. Foss
R. E. FOSS Agent

FR-JSH

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP 18A | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| AP | AP | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | | District |
|---|---|---|
| Newhall-Potrero | | 2 Ventura |
| **Former owner** | **Operator code** | **Date** |
| DKM Offshore Energy, Inc. | D0230 | 10-1-94 |

Name and location of well(s)

All wells previously owned by DKM Energy, Inc.
in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Except:
"Rancho San Francisco" 152 (037-12654)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Operator code | Type of organization |
|---|---|---|---|
| 10-1-94 | Medallion California Properties Company | M4805 | Corporation |
| | Address: 1400 Easton Dr., #133, Bakersfield, CA. 93309 | | Telephone No. (805) 395-3029 |

Reported by
Medallion California Properties Company

Confirmed by
DKM Offshore Energy

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252+253 | PC | 1-3099 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

# SCHLUMBER

WELL SURVEYING CORPORATIO

25 85

037-13259

COMPANY: BARNSDALL OIL CO.

FIELD: NEWHALL POTRERO

WELL: (R. S. F/ 80 #5

SEC. 26 T. 4 N R. 17W

COUNTY: LOS ANGELES STATE: CALIF. 10

ELEV.:

RECEIVED JAN 17 1949 LOS ANGELES, CALIFORNIA

MEDALLION CALIFORNIA PROPERTIES CO.

[redacted]

"Rancho San Francisco" 80-5

Sec. 26-4N-17W NEWHALL-POTRERO

| RUN | 1 | 2 | 3 | 4 | |
|---|---|---|---|---|---|
| Date | 10-14-48 | 11-28-48 | 11-30-48 | 12-1-48 | 12-17-48 |
| Csg. shoe | 398 | 398 | 398 | 398 | 9725 |
| Total depth | 5198 | 9774 | 9832 | 9877 | 10088 |
| Depth rchd. | 5196 | 9774 | 9824 | 9874 | 10087 |
| Ft. Meas. | 4799 | 4578 | 50 | 50 | 213 |
| Mud Nat. | Natural | Natural | Natural | Nat.-Aqua. | Lime Imper. |
| Dens | 78 | 78 | 78 | 79 | 76 |
| Visc. | 46 | 47 | 45 | 55 | 49 |
| Res. | 3.2 @ 62°F. | 3.4 @ 60°F. | 3.2 @ 64°F. | 5.0 @ 60°F. | 1.3 @ 79°F. |
| Max. Temp. | 145°F. | 162°F. | 160°F. | 160°F. | — |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. |
| Tension | — | — | — | — | — |
| Rig. Time | 1 1/2 hrs. | 2 1/4 hrs. | 2 1/4 hrs. | 2 1/4 hrs. | 2 hrs. |
| Mileage | — | — | — | — | — |
| Observer | GCHepburn | GCHepburn | GCHepburn | GCHepburn | CFGallagher |
| Witnessed by: | | | | | |

## DIAMETER OF HOLE

13 3/8" - 398' 11" - 9774'

10 5/8" - 9877'

7" - 9725' 6" - 10088'

## REMARKS

Standard Resistivity - AM : 16"

Standard Lateral - OA : 16'

Long Lateral - OA : 24'

Note: Below 4922 Ft. 0 - 80 ohms scale.

Below 9765 Ft. 50 Mv. scale.

Films used: 1st run 397 - 4922 Ft.

2nd run 4922 - 5130 Ft.

3rd run 5130 - 9665 Ft.

4th run 9665 - 9765 Ft.

5th run 9765 - 10087 Ft.

MAP | MAP BOOK | CARDS | BOND | FORMS 114 121

## RESISTIVITY

——NORMAL CURVE ·····THIRD CURVE

20 -ohms m²m 0

## SELF-POTENTIAL

← 100 -millivolts →

M 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

JAN 8 -

## WELL SUMMARY REPORT

LOS ANGELES, CALIFORNIA

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco "80-5" Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Location 3980.96' S. & 8265.48' E. from Cor. J Elevation of ~~[illegible]~~ kelly bushing above sea level 1388.40 feet.
conc. mat 1378.40

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 31, 1948 Signed R. E. Foss

H. M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title R. E. FOSS Agent (President, Secretary or Agent)

Commenced drilling 9-25-48 Completed drilling 12-20-48 Drilling tools Rotary

Total depth 10088' Plugged depth ---

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 12-24-48 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 190 | 31° | 1 | 72 | 360 | 720 |
| Production after 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforations |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 397' | Surface | 52.74# | New | Smls. | J-55 | 17½" | 350 | |
| 7" | 9725' | Surface | 23,26&29# | New | Smls. | N-80 | 11" | 616 | Est. 16 sx thru 4-3/8 holes 9705 |
| 5-1/2" | 10086.5' | 9713.96' | 17# | New | Smls. | J-55 | 10-5/8"& 6" | | |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½" | 10085 ft. | 9725.12 ft. | 192-¼" Rd. holes/ft. | 16 | 1" | Western Perf. |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

FORMS 114 121 BOND CARDS MAP BOOK MAP

Electrical Log Depths 10088' (Attach Copy of Log)

FR-JSH

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

JAN 3 -

## History of Oil or Gas Well

LOS ANGELES, CALIFORNIA

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho San Francisco "80-5", Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Signed R E Foss

Date December 31, 1948 Title R. E. FOSS Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1948 | |
| 9-25 | Spudded in w/11" bit. |
| 9-26<br>9-27 | Depth 403'. Opened hole to 17½". Ran & Cmt'd. 13 3/8" 52.74# csg. @ 397' w/350 sx. cmt. |
| 10-14 | Depth 5198'. First run Electric Log in 11" hole. |
| 1[illegible]-8 | Depth 9774'. Second run Electric Log in 11" hole. Reduced hole to 10 5/8". |
| 11-30 | Depth 9832'. Third run Electric Log in 10 5/8" hole. |
| 12-2 | Depth 9877'. Fourth run Electric Log in 10 5/8" hole. |
| 12-3 | Ran 7" 23, 26 & 29# N-80 csg. cmt'd. @ 9725' w/600 sx. |
| 12-7 | Depth 9715'. Drilled out cmt. w/6" bit to within 10' of shoe. Ran Sperry-Sun Survey to 9705'. Shot 4 - 3/8" holes @ 9705'. |
| 12-8 | Ran Johnston Tester w/pkr. set @ 9667.70' w/1000' cushion. Net fluid rise of 4360' - W.N.S.O. Squeezed with a Baker Model "K" retainer set @ 9698' (thru 4-3/8" holes @ 9705'). Put an estimated 16 sx. of cmt. into formation w/a max. squeeze press. of 6300#. |
| 12-9 | Depth 9715.5'. Drilled out cmt. to within 10' of shoe. Shot 4 - 3/8" holes @ 9703'. |
| 12-10 | Ran Johnston Tester w/pkr. set @ 9662' & tailpc. to 9682'. Med. blow 3 min., Lt. blow 59 min. Net rise of 670' of gas cut oily drilling fluid. Test witnessed & W.S.O. approved by Norm Sampson of Div. of Oil & Gas. |
| 12-17 | Depth 10088'. Fifth run of Electric Log in 6" hole. |
| 12-18 | Hung 372.54' of 5½" - 17# liner @ 10086.50' w/top of hanger @ 9713.96'. Perf. w/192 - 1/4" Rd. holes/ft. from 10085' to 9725.12'. |
| 12-20 | Ran production tubing. |
| FR-JSH | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

BARNSDALL OIL COMPANY

Form 5-OD

# CORE RECORD

RECEIVED JAN 17 1949 LOS ANGELES CALIFORNIA

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY Barnsdall Oil Company WELL R.S.F. 80-5

LOCATION 3980.96' S & 8265.84' E from Corner "J" T. 4N R. 17W ELEV. 1388.40 KB

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | | | | | | | | | | | | |
| 11/29 | Hughes #1 | 10-5/8 | 9774 | 9792 | 4' | 22 | | | | 4' | Oil sand and brown, massive, fairly hard, medium to coarse grained, small, pebbly in part, good kerosene odor, even saturation. Core contained several streaks of shale, one of which showed a fair 23° dip. | F |
| 11/29 | " #2 | " | 9792 | 9812 | 5' | 25 | 2½' | | | 2½' | Oil sand and shale interbedded: Oil sand is hard, to difficultly friable, evenly stained; shale is dark brown-gray, bedded and shows excellent 35° to 45° dips. | F |
| 11/30 | " #3 | " | 9812 | 9832 | 9' | 45 | | | | 2' | Oil Sand: fine to coarse grained downward, fairly hard, light brown colored with gray streaks. | F |
| | | | | | | | | | 1½' | | Sandstone Shell: gray, quite hard, fine to medium grained. | |
| | | | | | | | | | | 1½' | Oil Sand: medium grained, massive, gray, in top portion where more friable and apparently wet. | |
| | | | | | | | 1½' | | | | Sandy siltstone: dark gray, massive, hard, tight. | |
| | | | | | | | | | | 2½' | Oil Sand: massive, variable fine to coarse grained, small-pebbly in one 2" streak, shows some gray streaks and patches near base in very fine grained sand, possibly due to lack of permeability. Whole section at oil sand has a sour odor and appears wet. Apparent 45° dip. | |
| 1/30 | " #4 | " | 9832 | 9847 | 0 | 0 | | | | | Cavings | |
| 12/1 | " #5 | " | 9847 | 9862 | 1/2' | 3 | 1/2 | | | | Siltstone: dull gray, with a greenish cast, hard, in fragments only, no dips. | D |
| 12/1 | " # 6 | " | 9862 | 9877 | 1/2 | 3 | 1/2 | | | | Siltstone: greenish gray to gray brown, bedded, firm to hard, with occasional weak bedding plane slickensides. Contains rare nest of dull gray, dirty sand and shows a fair 10°? dip. | |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column [illegible]ght if core was fresh or dry when described. Indicate author by initials, f[illegible]d by date [illegible]ribed if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

Form 5-OD

# CORE RECORD

COUNTY FIELD OR DIST. COMPANY Barnsdall Oil Company WELL (R.S.F. No) 80-5

LOCATION -2- SECT. T. R. ELEV.

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | | | | | | | | | | | | |
| 12/11 | Hughes #7 | 6" | 9897 | 9911 | 3 | 21 | x | | x | 3 | Oil sand: brown, massive, medium grained, firm, difficulty friable, even saturation, good odor, brown cut. Contains one 4" streak of shell, 1' from the top and a 1½" streak of shale at base. | D |
| 12/12 | " #8 | " | 9935 | 9941 | 0 | 0 | | | | | | |
| 12/12 | " #9 | " | 9941 | 9946 | 3½' | 70 | x | | | 3½' | Oil Sand: ditto with 3" of slightly broken shale at base, good sweet odor and even saturation. | F |
| 12/13 | " #10 | " | 9968 | 9979 | 1/2 | 5 | | 1/2 | | | Sand: gray, massive, biscuit bedded, firm, difficultly friable. No odor, stain or cut, looks wet. | F |
| 12/13 | " #11 | " | 9979 | 9991 | 3½ | 29 | | | 1 | | Pebbly sandstone: gray, massive, fairly hard, pebbles to 1/4". No odor, stain or cut. | |
| | | | | | | | | | | 1/2' | Oil Sand: as last above, brown, massive, good odor, clear dark brown cut, medium grained, good saturation. | |
| | | | | | | | 1½' | | | | Sandy siltstone: dark gray, poorly bedded, quite carbonaceous. | |
| | | | | | | | ½ | | | | Siltstone: dark brownish gray, poorly bedded, somewhat slickensided, dips 35° to 45°. | |
| 12/14 | " #12 | " | 10008 | 10019 | 0.2 | 2 | 0.1 | | | 0.1 | Fragments of siltstone and oil sand. Oil sand is coarse grained, fairly hard and difficultly friable, evenly saturated, with a good odor and brown cut. Looks OK. | F |
| | | | | | | | | | 0.3 | | Sandstone Shell; gray, msv, med. to coarse grained, tite. | F |
| 12/15 | " #13 | " | 10040 | 10051 | 3.5 | 25 | | | | 2.7 | Oil Sand; brown, massive, friable, medium grained, fairly well sorted, even saturation, good odor, light brown cut, fair permeability. | |
| | | | | | | | 0.5 | | | | Siltstone: brown-black, hard, brittle, poorly bedded, with one good 50° dip. | |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

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TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

BARNSDALL OIL COMPANY

Form 5-00

# CORE RECORD

COUNTY [illegible] FIELD OR DIST. [illegible] COMPANY Barnsdall Oil Company WELL R.S. 80-5

LOCATION -3- SECT. 26 T. 4N R. (7W) ELEV.

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | | | | | | | | | | | | |
| 12/16 | Hughes #14 | 6" | 10074 | 10078 | 2.5 | 63 | 2.5 | | | | Siltstone: ditto, somewhat fractured and slickensided with one fair 50° dip. | |
| | | | | | | | | | | | T.D. 10,088' | |

FORMS 114 121

BOND

CARDS

MAP BOOK

MAP

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, , California

May 2, 1986

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 84 (Name and number),
A.P.I. No. 037- 13263, Section 26, T. 4N, R. 17W, SB B. & M.,
Newhall-Potrero field, Los Angeles County,
dated 4-17-86, received 4-18-86, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

Cons.Comm.
b

| MAP | MAP BOOK | CARDS | BOND | SDP | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|---|
| 253 | 5/1/86 | | BB | OK | — | ✓ |

M. G. MEFFERD
*State Oil and Gas Supervisor*

By
*Deputy Supervisor*

Murray W. Dosch

OG159 (11/82/GSR1/8M)

OPERATOR [illegible]
LSE & NO [illegible]
MAP 253

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | Convert to WF | ABANDON | | | | |
| NOTICE DATED | 9-12-80 | 2-24-86 | | | | |
| P-REPORT NUMBER | 280-326 | 286-69 | | | | |
| CHECKED BY/DATE | FT 4-9-81 | | | | | |
| MAP LETTER DATED | 4-11-81 | Map 253 PMC 5/7/86 | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 9-15-80 | | 2-25-86 | | | | | | | | | |
| HISTORY | 3-27-81 | | 4-18-86 | | | | | | | | | |
| SUMMARY | 3-27-81 | | 4-18-86 | | | | | | | | | |
| IES/ELECTRIC LOG | — | | | | | | | | | | | |
| DIRECTIONAL SURV | — | | | | | | | | | | | |
| CORE/SWS DESCRIP | — | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | JR | | 4-25-86 SPM | | | | | | | | | |

ENGINEERING CHECK

T-REPORTS
OPERATOR'S NAME
WELL DESIGNATION
LOC & ELEV
SIGNATURE
SURFACE INSPECTION OK 3/24/86
FINAL LETTER OK 5/2/86

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED 5-2-86
pmc
RELEASED BOND BB

REMARKS:

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco 84, API No. 037-~~16263~~ 13263,

Sec. 26, T. 4N, R. 17W, MD B. & M., Newhall Potrero Field, Los Angeles County.

commencing work on 2-28, 1986.

The present condition of the well is: Injecting

1. Total depth: 9930' TD

2. Complete casing record, including plugs and perforations:

See Attached.

3. Last produced N/A
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

4. ~~Last Injected~~ PRESENTLY 1/86 3 N/A 4150
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 1260'

The proposed work is as follows:

See Attached.

DIVISION OF OIL AND GAS
RECEIVED
FEB 25 1986
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 West Rye Canyon Road
(Street)
Valencia CA 91355-0560
(City) (State) (Zip)

Telephone Number (805) 257-6200
(Area Code) (Number)

SUN EXPLORATION & PRODUCTION CO
(Name of Operator)

By STANLEY W. BLOSSOM
(Print Name)

Stanley W. Blosson 2-24-86
(Signature) (Date)
by Alex

OG108 (11-78-GSRI-5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-13263

# WELL SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| Operator: SUN OIL COMPANY (DELAWARE) | | Well: RANCHO SAN FRANCISCO #84-5 | | | |
| Field: Newhall-Potrero | | County: Los Angeles | Sec. 26 | T. 4N | R. 17W | B.&M. SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 3300.04' S & 7494.04' E of corner "J". | | | Elevation of ground above sea level: GL 1130.44' | | |

Commenced drilling (date): NA

Completed drilling (date): NA

Commenced producing (date): NA

☐ Flowing ☐ Pumping
☐ Gas lift Convert to Water Injection

Name of producing zone(s): NA

Total depth: (1st hole) 9930' (2nd) (3rd)

Present effective depth: 9930'

Junk: None

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing
Which is ±10 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top 1st Zone | 7383' |
| Top 3rd Zone | 8270' |
| Top 4th Zone | 9263' |
| Top 5th Zone | 9705' |

Formation and age at total depth: 5th Zone (Miocene)

DIVISION OF OIL AND GAS
RECEIVED
MAR 27 1981
SANTA PAULA, CALIFORNIA

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | NA | | | | | |
| Production After 30 days | NA | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 11-3/4" | Surface | 3973' | 54#,60# | J-55 T&C | New | 13-7/8" | 700 sx | --- |
| 7" | Surface | 9705' | 23,26,&29# | N-80&J-55LT&C | New | 10-5/8" | 600 sx | --- |
| 5½" | 9687' | 9928' | 17# | J-55,FJ Lnr | New | 13" | Gvl Pkd. | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Perfd w/192 ¼" RD holes/ft. 9710-9835', 9875-9905'.

WSO holes @ 9680, 9255' 7" csg perfd (selected intervals) w 4-½" holes/ft.

9270-9320'
9360-9370'
9373-9383'
9388-9428'
9440-9460'
9485-9505'
9552-9562'
9590-9600'
9610-9640'
9653-9673'

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

Electrical log depths: None

Other surveys: None

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | |
|---|---|---|
| Name: L. B. CARROLL, JR. | Title: DISTRICT ENGINEER | |
| Address: 23928 Lyons Avenue | City: Newhall, California | Zip Code: 91321 |
| Telephone Number: (805) 259-2440 | Signature: L.B. Carroll, Jr by [illegible] | Date: 3/26/81 |

DG100 (12—76—GSRI—12M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
SEP 15 1980
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO 84, API No. 037-13263

Sec. 26, T. 4N, R. 17W, S.B. B. & M., NEWHALL POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth.

   9930'

2. Complete casing record, including plugs and perforations:

   SEE ATTACHMENT I

3. Present producing zone name FIFTH Zone in which well is to be recompleted SAME
4. Present zone pressure 1700 PSI New zone pressure SAME
5. Last produced 8-79 (Date) 1 (Oil, B/D) 2 (Water, B/D) 13 (Gas, Mcf/D)

   or

6. Last injected N.A. (Date) ____ (Water, B/D) ____ (Gas, Mcf) ____ (Surface pressure, psig.)

The proposed work is as follows:

1. NO CHANGE TO CASING, CONVERT TO WIW.
2. PULL OUT OF HOLE WITH PRODUCTION STRING.
3. RUN IN HOLE WITH 7" 29# BAKER MODEL D PACKER ON INJ TBG & SET AT 9250'.
4. COMMENCE INJECTION OPERATIONS.
5. NOTIFY DOG TO WITNESS INJECTION SURVEY, & THEN RUN INJECTION SURVEY.

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

Address 23928 LYONS AVE. (Street)
NEWHALL, CALIFORNIA 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L. B. Carroll (by MCM) 9/12/80
(Name) L.B. CARROLL, JR. (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

(1-78-GSR1-15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 286-104

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Ventura, Calif.
April 21, 1986

Your operations at well "Rancho San Francisco" 84, API No. 037-13263, Sec. ____, T. 4N, R. 17W, SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 3/17/86. Bill Winkler, representative of the supervisor, was present from 1930 to 2130. There were also present Jerry Burk, and Dan Mullins

Present condition of well: 11 3/4" cem 3973'; 7" cem 9705', perf 9255' WSO, perf at intervals 9320' to 9680'; 5 1/2" ld. 9687' to 9926', perf 9710' to 9905'. TD 9930'. Plugged w/cem 9238' to 8823', 3865' to 3730', 1305' to 1168', and 63' to 5' gl. Junk packer at 9250'. 7" casing pulled from 3881'.

The operations were performed for the purpose of abandonment

**DECISION:**

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

M. G. MEFFERD

Murray W. Dosch

Murray W. Dosch

OG109 (9/83/GSR1/15M)

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
FEB 3 1960
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. February 2, 19 60

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. "Rancho San Francisco" 84-5, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall - Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.

9930'

2. Complete casing record.

| | |
|---|---|
| 11 3/4" | 54#, 60#, J-55, STRC. LTRC casing cemented at 3973' with 700 sacks. |
| 7" | 23#, 26#, 29#, J-55, N-80, STRC, LTRC, X-Line Casing cemented at 9705' with 600 sacks. 4 - 3/8" holes at 9680' - W.S.O. |
| 5 1/2" | 17#, J-55, F.J. liner hung at 9928'. Hanger at 9687'. Perforations: 192 - 1/4" round holes per foot from 9710' to 9835' and 9875' to 9905'. |

3. Last produced. 2-2-60 (Date) 17 b/d (Net Oil) 28.7 (Gravity) 2.8% (Cut)

The proposed work is as follows:

1. Cut holes at 9885', 9820', 9770' & 9725' with Dowell Abrasijet.
2. Sand-Water frac zone through slots.
3. Put well on production.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray Mid-Continent Oil Company
(Name of Operator)

By J. O. McDonald
J. O. McDonald, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13263

FEB 16 1949
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. February 15 1949

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco "84-5" JLW, Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3300.04 feet ~~E. or W.~~ or S., and 7494.04 feet ~~E. or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushing above sea level is 1150.44 feet.
conc.mat 1140.44

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9900 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 11 3/4" | 60 & 54# | J-55 Smls. | 4000' | Cmt'd. |
| 7" | 29#, 26# & 23# | N80 & J-55 | 9900' | Cmt'd. |
| 5 1/2" | 17# | J-55 | 10100' | Hung |
| | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW | JLW | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. Foss
R. E. FOSS Agent

FR-JSH

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho San Francisco "84-5", Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Signed R. E. Foss
R. E. FOSS

Date May 31, 1949 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | | |
|---|---|---|
| 1949 | | |
| 2-18 | Depth 448'. | Spudded in w/12¼" bit. |
| 2-21 | Depth 1291'. | Reduced hole to 11" & drilled ahead. |
| 2-25 | Depth 3165'. | Started opening hole to 16½". |
| 3-3 | Depth 3489'. | Drilled 12¼" hole 3165' to 3489'. |
| 3-4 | | Opened hole to 16½" to 3489'. |
| | Depth 3596'. | Drilled ahead w/12¼" bit. Reduced hole to 11" @ 3596'. |
| 3-6 | Depth 3930'. | Drilled w/11" bit. Started opening hole to 16½" from 3489'. |
| 3 | Depth 3930'. | Hole opened to 16½". |
| -9 | Depth 4044'. | Drilled w/10 5/8" bit. First Run Schlumberger Electric Log to 4044'. |
| 3-10 | Depth 4044'. | Opened 10 5/8" hole up to 16½" to a depth of 3970'. Ran 11 3/4" 54# & 60# csg. & cemented it at 3973' w/600 sx. cement. Cemented from surface w/100 sx. |
| 3-13 | Depth 4074'. | Drilled out cement from 3930' to 3990' w/ a 10 5/8" bit. |
| 4-22 | Depth 9677'. | Second Run Schlumberger Electric Log to 9677' Changed to Oil Base Drilling Mud. |
| 4-24 | Depth 9711'. | Drilled ahead w/6¼" bit 9677' to 9711'. |
| 4-25 | Depth 9771'. | Continuously cored w/6" diamond head from 9711' to 9930'. |
| 5-2 | Depth 9930'. | Third Run Schlumberger Electric Log to 9920'. Opened hole to 10 5/8" to 9700'. Ran Johnston Tester w/double packers & 1000' of Oil Base cushion. Set packers @ 9830' & 9822'. Valve open thru a 3/8" btm. bean for 40 min. w/a light to weak blow. Recovered 575' net of 26° grav. oil at 0.2% cut. Charts showed tester was open for 40 min. w/a pressure build-up of 100#. |
| 5-8 | | Ran & cemented 7" - 29#, 26# & 23# csg. @ 9705'. Used 100 c.f. of Diesel oil ahead of cmt. Mixed 100 sx. cmt. to 95#/c.f. slurry & followed w/500 sx. of 116#/c.f. |
| 5-11 | Depth 9673'. | Found top of cmt. @ 9559' & drilled ahead w/a 6" bit. |
| 5-14 | Depth 9681'. | Ran Sperry Sun Directional Survey. Shot 4 - 3/8" holes @ 9680'. |
| 5-15 | Depth 9685'. | Ran Johnston Tester w/1030' of Oil Base Cushion. Set pkr. @ 9658' w/tailpc. to 9675'. Valve open for 1 hr. thru a 3/8" btm. bean. Light blow 1/2 min., faint blow 18 min. & dead 42 min. Recovered 10' net of Oil Base drilling mud. Test witnessed & W.S.O. approved by Norm. Sampson of the D. O. & G. |
| 5-16 | Depth 9930'. | Cleaned out to bottom w/a 6" bit. Hung 5½" - 17# F.J. Liner @ 9928' |
| 5-17 | | w/top @ 9687'. Open shoe. Ran Lane-Wells Gamma Ray Log from 9930'-7000'. |
| 5-18 | | Ran production tubing, hung at 9897'. Changed from Oil Base mud to oil. |

FP. TCH

...SOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

April 15, 1997

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St., Suite 154
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 97,

A.P.I. No. 037-13277, Section 26, T. 4N, R. 17W, SBB.& M.,

Newhall Potrero field, Los Angeles County,

dated December 23, 1996, received January 6, 1997, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

bmh

cc: Update

Modified OG159 (4/94)

FORM 367.0-2

# SCHLUMBERGER WELL SURVEYING CORPO

HOUSTON, TEXAS

SCHLUMBERGER

## ELECTRICAL SURVEY

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL-POTRERO 26 - 4N - 17W
WELL R. S. F. 97-6
COMPANY SUNRAY OIL CORP.

COMPANY SUNRAY OIL CORP.

Rancho San Francisco

WELL (R. S. F.) 97-6

037-13277

FIELD NEWHALL-POTRERO

LOCATION 26 - 4N - 17W

5

COUNTY LOS ANGELES

STATE CALIFORNIA

Locati

DIVISIO

REC

SEE

LOS

1212'

Elevatio

or G.L.:

FILING No.

Sec. 26-4N-17W NEWHALL-POTRERO

"Rancho San Francisco" 97-7

[redacted]

MEDALLION CALIFORNIA PROPERTIES CO.

| RUN No. | 1 | 2 | 1 (IND) |
|---|---|---|---|
| Date | 8-5-51 | 8-22-51 | 8-23-51 |
| First Reading | 10292 | 10745 | 10742 |
| Last Reading | 311 | 10292 | 10292 |
| Feet Measured | 9981 | 453 | 450 |
| Csg. Schlum. | 311 | 10289 | 10289 |
| Csg. Driller | 309 | 10293 | 10293 |
| Depth Reached | 10294 | 10745 | 10745 |
| Bottom Driller | 10295 | 10741 | 10741 |
| Depth Datum | Kelly B. | Kelly B. | Kelly B. |
| Mud Nat. | Pyro Acid | Ken Oil | Ken Oil |
| " Density | 76 | 72 | 72 |
| " Viscosity | 42 | 200 | 200 |
| " Resist. | 1.6@ 80°F | ∞ @ --°F | ∞at --°F |
| " Res. BHT | .68@168°F | ∞ @ --°F | ∞at --°F |
| " pH | 7.0@ 80°F | -- @ --°F | --at--°F |
| " Wtr. Loss | 11.6CC 30 min. | --CC 30 min. | --cc 30 min. |
| Max. Temp. °F | 168° F. | 190°F. | 188°F. |
| Bit Size | 11" | 5 7/8" | 6" |
| Spcgs. AM | 16" | Mono | 27" Coil |
| AO-- | 10 | | |
| AO... | 19 | | |
| Opr. Rig Time | 3 hrs. | 1 1/4 hrs. | 3 hrs. |
| Truck No. | VT-522 | VT-548 | VT-548 |
| Recorded By | SECoombs | DGSwiers | DGSwiers |
| Witness By | R.Johnson | MJSimmons | MJSimmons |

OPERATOR Sun Oil Co
LSE & NO Rancho San Francisco 97
MAP 250

| | (1) | (2) | (3) | (4) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| ENTION | DRILL | DEEPEN | ALTR CSG FOR WATERING | Abandon | | |
| NOTICE DATED | 5-21-51 | 4-24-52 | 9-2-77 | 9-17-96 | | |
| P-REPORT NUMBER | L49988 | 152-544 | 277-327 | P296-220 | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | N/C | | 1-8-05 | | |
| SYMBOL | O | O | | | | |

| | (1) REC'D | (1) NEED | (2) REC'D | (2) NEED | (3) REC'D | (3) NEED | (4) REC'D | (4) NEED | ( ) REC'D | ( ) NEED | ( ) REC'D | ( ) NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 5-25-51 | | 4-28-52 | | 9-8-77 | | 9-24-96 | | | | | |
| HISTORY | 10-4-51 | | 8-1-52 | | 10-7-77 | | 1-6-97 | RO | | | | |
| SUMMARY | 10-4-51 | | 8-1-52 | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| ECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | 9-13-51 | | | | | | | | | | | |
| OTHER | | | NEED R/A | | Charged 9-13-77 | | | | | | | |
| RECORDS COMPLETE | ✓ | | ✓ | | EPH | | | | | | | |

ENGINEERING CHECK

T-REPORTS
OPERATOR'S NAME
WELL DESIGNATION
LOC & ELEV
SIGNATURE
SURFACE INSPECTION 3-18-97 HS
FINAL LETTER OK

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: To be converted to WIF during 1979, will file notice prior Greg Smith 10/6/78

APRIL 2579
MD - MARTIN
WILL USE
FOR PILOT
WATER FLOOD
2. FOLLOW AT present.
3 NOTICE will be
sent in IF well
is to be converted
to WATERFLOOD
for pilot
WELL SHALL
BE PLUGGED
IN 5TH
PLUGGED IN 5TH
IN 5TH
RA FOR 1st
WILL START
IN
WILL SEND CHANGES
NOTICE
SUNDRY
PROMPTLY

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T296-287

# Report on Operations

Bradford A. Dewitt, Agent
Medallion Ca. Properties Co.
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
December 30, 1996

Your operations at well "Rancho San Francisco" 97, API No. 037-13277, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 10-30-96. Paul Cronmiller, representative of the supervisor, was present from 1700 to 1900. There were also present Von Fortenberry, Foreman

Present condition of well: 13 3/8" cem 309'; 7" cem 10,293', WSO perf @ 10,268', perf @ 100' & @ int 9715'-9843', cavity shot @ 1250'; 5" ld 10,244'-11,342', cp @ 10,920', perf 10,958'-11,342'. TD 11,345'. Junk: 2 7/8" tbg 9736'-9950'. Plugged w/ BP @ 9950', w/ cem 9810'-9325', 1250'-880' (calc) & 250'-10'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY MEDALLION CAL PROPERTIES WELL NO. "RANCHO SAN FRANSISCO" 97

API NO. 037-13277 SEC. 26, T. 4N, R. 17W, SB B.&M.

COUNTY ~~VEN~~ LOS ANGELES FIELD NEWHALL - POTRERO

RBDMS DATA ENTERED: 2-20-97
(DATE)

BY: P Crommelin
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles

Well "Rancho San Francisco" 97 Sec. 26, T 4N, R 17W, S. B. B. & M.

A.P.I. No. 037-13277 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)

Date December 23, 1996

Signature Claude D. Fiddler

1100 Mohawk Street, Suite 154, Bakersfield, CA 93309 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1996 | |
| 10/28 | MIRU coil tubing unit. RD injection tree. RU Class II BOPE. RIH w/CT, tagged fill at 9,810 ft. (Called DOGGR, obtained approval to plug from 9,810 ft.) Laid 14 bbl Class "G" cement plug from 9,810 ft. Pulled up hole to 1,000 ft. SIWFN. |
| 10/29 | RIH w/CT. Tagged cement at 9,325 ft. Tag witnessed by Paul Crowmiller, DOGGR. Filled well w/9.6 ppg mud to 1,250 ft. POOH w/CT. RU perforators. Made cavity shot at 1,250 ft and shot eight 1/2" holes at 100 ft. RD perforators. RIH w/CT to 1,250 ft. Pumped 11.3 bbls Class "G" cement into cavity. RD CT unit. SIWFN. |
| 10/30 | RIH w/CT. Found cement cut mud at 315 ft. Unable to circulate out. DOGGR gave OK to lay surface plug from 315 ft. SIWFN. |
| 10/31 | RIH w/CT to 250 ft. Pumped 150 sacks Class "G" cement into 7" and 7" x 13-3/8" annulus (172 $ft^3$). Had cement returns to surface. RD CT unit. |

RECEIVED
JAN 6 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P296-220

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
-- (new pool code)
30 (old pool code)

WATERFLOOD

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St. Suite 154
Bakersfield, CA 93309-7416

Ventura, California
September 30, 1996

Your _____ proposal to abandon well "Rancho San Francisco" 97, A.P.I. No. 037-13277, Section 26, T. 4N, R. 17W, S.B. B.&M., Newhall Potrero field, ---------- area, 5th pool, Los Angeles County, dated 9/17/96, received 9/24/96, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 9,950'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs./cu. ft and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. This office shall be consulted before deviating from the proposed abandonment program.
6. Well site restoration is completed within 60 days following plugging and abandonment of the well.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plugs at 9,615'.
   b. To witness the mudding of the well.
   c. To witness the location and hardness of the cement plug at 1,150'.
   e. To witness the placing of cement inside the 7" casing and all annuli.
   f. To inspect and approve the cleanup of the well site before approval of abandonment will be issued.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____

Patrick J. Kinnear
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (Modified 1993)

500/00/30-5th WP

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "RANCHO SAN FRANCISCO" #97, API No. 0371 3277, Sec. 26 T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County, commencing work on SEPTEMBER 26, 19 96.

The present condition of the well is:

1. Total depth 11,345 FT (RD)
2. Complete casing record, including plugs and perforations (present hole) 13 3/8" CASING CMTD @ 309 FT. 7" CASING CMTD @ 10,293 FT. PERFORATED 9715 FT — 9843 FT.
3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected PRE 1990 LAST INJECTION PROFILE 2-3-88 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

RECEIVED SEP 24 1996 DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES VENTURA, CALIFORNIA

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows: SEE ATTACHED PROGRAM

BRIDGE PLUG IN 7" CASING AT 9950 FT. PACKER @ 9678 FT.

5" LINER HUNG @ 11,342 FT. TOL @ 10,244 FT PERFORATED W/168 1/7" RHPF 10,958 FT — 11,342 FT.

ORIGINAL HOLE TD = ? 401 FT JUNK 5 1/2" LINER 10,741 FT TO 10,340 FT. (1952)

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 MOHAWK #154 (Street)
BAKERSFIELD CA 93309 (City) (State) (Zip)
Telephone Number (805) 635-0465 (Area Code) (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By CLAUDE D. FIDDLER P.E. (Print Name)
Claude D. Fiddler 9-17-96 (Signature) (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

Proposed Abandonment Program
Rancho San Francisco Well #97
Newhall-Potrero Field, Los Angeles County

1. RU Coil Tubing Unit (CTU), install Class II BOPE, RIH and lay a Class "G" cement plug 7" casing from top of bridge plug at 9950 FT to 9,615 FT (100 ft above perforations). Tag cement plug, DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay base mud from 9,615 FT to 1,250 FT.

2. RU perforators, RIH with cavity shot gear to 1,250 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,250 FT to 1,150 FT. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72# clay base mud from 1,150 FT to 100 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 100 FT. RD perforators. RIH with coil tubing and circulate surface plug into 7" X 13 3/8" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make final inspection of location after restoration.

CDF 9/17/96

RECEIVED
SEP 2 4 1996
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURC
VENTURA, CALIFORN

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 13 1977
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County Newhall-Potrero
Well RANCHO SAN FRANCISCO 97-7 (RSF) Sec. 26, T4N, R17W, SB B. & M.
A.P.I. No. 037-13277 Name JACK ANDREWS (Person submitting report) Title Agent (President, Secretary or Agent)
Date DEC 07 1977, 19

Signature Jack Andrews

23928 Lyons Avenue, Newhall, CA 91321 (Address) 805-259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1977 | |
| 9-20 | CPS MIRU/rem tree/inst Class II BOE/unseat pkr & POH/RIH w/7" 32# Lokset pkr w/6' pup and bull plug on btm/retr attach on top/RIH to 8000'/SIFN. |
| 9-21 | Fin RIH/set Lokset BP @ 9950/fill hole w/wtr/test BP @ 1000 PSI for 15 min; OK/dump 3 sks sd on top of BP/POH/Go Int., ran GR 9940-7000, CBL 9940-7200, Neut. Log 9940-7000/SIFN. |
| 9-22 | Go Intl perf 2½ HPF @ 9843-9830, 9820-9795, 9790-9779, 9775-9768, 9763-9753, 9744-9715, (thru jet 22)/RIH w/Bkr 7", 32#, Mod R DG pkr on 2-7/8 tbg/circ lse wtr w/15 gal AWC-11 & 15 gal XC 370 in annulus/land Mod R Pkr @ 9678 w/ 25,000# compr/ran BOE/inst tree/RDMO. |
| 9-23 | SI; will run BHP 9-26-77. |
| 9-24 | SI. |
| 9-25 | SI. |
| 9-26 | SI. |
| 9-27 | Ran BHP bomb to 9779 w/3 hr clock/start inj @ 3P/10 bbl, 1500# TP; 12 bbl, 2400# TP; 20 bbl, 3000# TP; 52 bbl, 3000# TP (15½ hr); rate 29 BPD. |
| 9-28 | SI @ 6:00 PM/will start inj this afternoon & run profile. |
| 9-29 | Start inj @ 9:20 PM/run temp R/A tracer profile. |
| 9-30 | Run BHP falloff test. |
| 10-1 | SI after rn falloff tst. |
| 10-2 | Start inj, suction valve in pmp went out/SI to repair pmp. |
| 10-3 | SI to repair pmp/seized due to overheating. |
| 10-4 | SI for acid stim. |
| 10-5 | SI for acid stim. |
| 10-6 | SI for acid stim. |
| 10-7 to 10-12 | SI for acid stim. |
| 10-13 | MIRU CPS/rem tree/inst BOP/inst floor/rel Mod R DG Pkr/POH, ld pkr/RIH w/ 10 dbls/SIFN. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
SEP -8 1977
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | 2 |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO 97, API No. 037-13277, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.
   11,342

2. Complete casing record, including plugs and perforations:
   13 3/8" 54.5# surf csg cmt @ 309'.
   7" 23#, 26#, 29# and 32# csg cmt @ 10,293 - Calc TOC @ 8385.
   5" 18# liner cmt 10,244'-11,342'; perf'd ¼" holes - 168/ft from 10,958'-11,342'.

3. Present producing zone name 7th Zone in which well is to be recompleted 5th

4. Present zone pressure 4700 psi New zone pressure ~~3800~~ 1800 psi

5. Last produced 6/20/77 (Date) 2 (Oil, B/D) 0 (Water, B/D) 509 (Gas, Mcf/D)

6. Last injected Currently (Date) 750 (Water, B/D) 0 (Gas, Mcf) 0 (Vacuum) (Surface pressure, psig.)

The proposed work is as follows: In accordance with our proposal dated May 16, 1977 and your approval, dated May 20, 1977, to conduct injectivity tests:

1. MIRU. Kill well, install BOPE.
2. Pull tbg & pkr.
3. Set retrievable bridge plug @ 9950.
4. Run cmt bond log; if log shows poor cement bond, squeeze cmt behind csg to cover 5th zone (9715-9843).
5. Selectively perforate intervals between 9715 and 9843 @ 2 JSPF.
6. Run ± 9700' tbg w/pkr set @ ± 9690.
7. Begin wtr injection.
8. Run radioactive tracer survey after injection has stabilized.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Ave. (Street)
Newhall, Calif. 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By Jack Andrews 9/2/77 (Name) Jack Andrews (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

DIVISION OF OIL AND GAS
RECEIVED
MAY 19 1977
SANTA PAULA, CALIFORNIA

NEWHALL PRODUCTION DISTRICT

SUN PRODUCTION COMPANY 23928 LYONS AVENUE, NEWHALL, CALIFORNIA 91321 (805) 259-2440

May 16, 1977

Division of Oil and Gas
146 So. Ojai Street
P. O. Box 67
Santa Paula, Calif. 93060

Attention: Mr. John Hardoin

Dear Mr. Hardoin

A study is being made to determine the feasibility of developing pilot waterfloods in the 5th and 7th zones in the Newhall-Potrero Field, Los Angeles County, California. Design of surface equipment and certain reservoir analysis requires data be obtained on the rates and pressures necessary to inject water into these reservoirs.

RSF #97-7 has been selected for a short term injection test into the 5th and 7th zones. We wish to obtain approval to inject into this well for a period of about 60 days in each zone to obtain data for our study.

Seven inch production casing is set at 10293' in a 11" hole and cemented with 600 sacks of cement. Calculated top of cement is at 8385'. The 5th zone lies between 9715' and 9843'. A 5" liner is set at 11342' with top of adapter at 10244' and a cement baffle collar at 10920'. It is cemented with 50 sks cement at 10920' which covered the liner top. The 7th zone lies between 10965' and 11334' behind slotted liner. A schematic of the well completion is attached.

Testing will involve two separate workover programs in this well. Initial test will be in the currently completed 7th zone. Tubing will be run with a packer and set above the 5" liner. After completion of the test on the 7th zone, the 7th zone will be blocked off with a bridge plug, the 5th zone interval perforated and tubing with a packer set above the 5th zone perforations. The required notices will be submitted to the Division of Oil and Gas before work is performed.

- cont'd -

Injection will begin at low rates and pressures. The rates will be increased in increments. Tracer surveys will be run during each test to determine fluid entry.

Your consideration and approval of this short term test will greatly assist us in planning and designing a secondary recovery program in these reservoirs in the Newhall-Potrero field.

Sincerely yours,

SUN OIL COMPANY (DELAWARE)

Jack Andrews
District Production Manager

JA/AEM/mgw

cc: Dick Cypher
Paul Fletcher
R. S. F. Gen. Lse. File
Newhall-Potrero Field File
RSF #97-7 Well File

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

DIVISION OF OIL & GAS
RECEIVED
AUG 1 - 1952
LOS ANGELES

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO #97-7 (Redrill) Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 2803.85' S. & 6175.31' E. from Cor. "J" Elevation of ~~ground or~~ kelly bushing above sea level 1212.09 feet. conc. mat 1198.79

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date July 30, 1952 Signed R. E. Foss

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title R. E. Foss Agent (President, Secretary or Agent)

Commenced ~~drilling~~ redrilling May 25, 1952 Completed ~~drilling~~ redrilling July 18, 1952 Drilling tools Rotary

Total depth 11345' (redrill) Plugged depth 10315' (Orig. hole)

Junk 401' 5-1/2" 17# J-55 liner from 10741' to 10340'. (Sidetracked)

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |
| | |
| | |
| | |

Commenced producing July 16, 1952 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 1,560 | 30.8 | 0.1 | 908 | 1030 | 680 |
| Production after 9 days | 250 | 30.7 | 0.1 | 110 | 1550 | 1290 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforations |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 309' | Surface | 54.5# | New | Smls | J-55 | 17-1/4" | 200 | -- |
| 7" | 10293' | Surface | 23,26,29,32# | New | Smls | N-80 | 11" | 600 | -- |
| 5" | 11342' | 10244' | 18# | New | Smls | J-55 | 5-7/8" | 50 | 10920' |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5" | 10958 ft. | 11342 ft. | 168 - 1/4" Rd. holes/ft. | 14 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 11,345 feet (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
AUG 1 - 1952
LOS ANGELES

## History of Oil or Gas Well

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. R.S.F. #97-7, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed R. E. Foss by

Date July 30, 1952 Title R. E. Foss Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1952 | |
|---|---|
| 5/25 | Ran in with 4-1/8" bit, cleaned out to bottom and washed perforations from 10709' to 10691' with Ken-Oil Base mud. |
| 5/26 | Washed perforations from 10691' to 10293' with Ken-Oil Base mud. |
| 5/27 | Ran in Dunlap Hydraulic liner puller with spear set at 10288'. Retrieved 40.76' of 5-1/2" 17# J-55 liner. Ran Magnatector with spear. Found pipe stuck at 10342'. |
| 5/28 | Washed perforations from 10503' to 10338'. |
| 5/29 | Washed perforations from 10338' to 10308'. Ran Magnetector. Ran in with Baash-Ross casing cutter. Cut off liner at 10340'. |
| 30 | Ran in with Dunlap Hydraulic liner puller and spear. Retrieved 31.32' of 5-1/2" 17# J-55 liner. Total liner recovered 72.08'. Top of liner in original hole at 10340'. |
| 5/31 | Ran in with 5-7/8" bit and reamer and cleaned out from 10293' to 10340'. Plugged with 30 sacks Colton Hi-temp cement plus 3 sacks sand from 10390' to 10214'. |
| 6/1 | Drilled out firm cement from 10214' to 10315'. |
| 6/2 | Wall scraped hole from 10303' to 10315' with 8-5/8" wall scraper. Washed perforations from 10300' to 10334'. |
| 6/3 | Plugged with 30 sacks Colton Hi-Temp. cement plus 4.5 sacks sand from 10335' to 10156'. Drilled out cement from 10156' to 10305'. Plug would not hold 6,000# weight. |
| 6/4 | Washed and drilled out cement from 10305' to 10318'. Cleaned out to 10334'. Changed from Ken-Oil Base mud to clay-water base mud. |
| 6/5 | Plugged with 30 sacks Victor Hi-Temp. cement plus 5 sacks sand from 10334' to 10157'. |
| 6/6 | Drilled out hard cement from 10157' to 10314'. Ran in with Baker 8-5/8" underreamer and scraped wall from 10295' to 10315'. |
| 6/7 | Set Eastman knuckle joint at 10315' and drilled ahead with 5-7/8" bit. |
| 6/8 | Depth 10350'. Changed from clay-water base mud to Ken oil base mud. |
| 6/11 | Began coring ahead with 5-7/8" Mercury Diamond core head from 10452' to 10620'. |
| 6/16 | Drilled 5-7/8" hole from 10620' to 10626'. Cored ahead with 5-7/8" Mercury Diamond core head from 10626' to 11345'. |
| 7/8 | T. D. 11345'. <u>First Run Schlumberger Induction & Mono-Electrode Log & Photoclinometer Survey.</u> |
| 7/9 | Ran and hung 1098' of 5" O.D. 18# J-55 F. J. liner with Calif.-Texas type open shoe at 11342'. Top of adaptor at 10244', four 1/2" circulation holes in liner at 10251', Baker baffle collar at 10920'. Liner perforated with 168 - 1/4" holes per foot undercut to 3/8" from 10958' to 11342'. |
| 0 | Changed from Ken oil base mud to clay-water base mud. Cemented liner through baffle collar at 10290' thru 9719'3-1/2" 13.30# drill pipe and 552' 2-3/8" 4.7# J-55 tubing hung with inverted swab rubbers at 10268' with 50 sacks Colton Hi-Temp. cement. Pumped in 15 cu. ft. water ahead and 5 cu. ft. water behind cement. Left estimated 50 feet cement plug above baffle collar. Back-scuttled with 2-3/8" EUE 4.7# tubing hung at |

Date

7/10 10207' with 600 cu. ft. of mud. Had estimated 15 cu. ft. of cement returns at surface.

7/11 Ran in with 5-7/8" bit and 6 pt. reamer. Found top of cement at 10232'. Drilled out hard cement inside 7" casing from 10232' to top of liner at 10244'. Ran in with 4-1/8" bit and drilled out hard cement from 10244' to 10273' inside 5" liner. Ran bit to 10896'.

7/12 Ran J.F.T. on 3-1/2" 13.30# drill pipe with 1000' mud cushion. Set packer at 10190' with tailpiece to 10207'. Tester failed to open. Pulled tester.
Reran J.F.T. on 3-1/2" 13.30# drill pipe with 1000' mud cushion. Set packer at 10190' with tailpiece to 10207'. Opened 1/2" valve at 4:45 PM. Had a light decreasing blow for 3-1/2 minutes, then dead for remainder of 1 hour test. Recovered 60' net rise of drilling mud. Pressure charts showed tester was open 1 hour. Test approved by Paul Betts, Division of Oil and Gas.

7/13 Shot four 3/8" holes at 10880' with McCullough bullet gun. Ran J.F.T. on 2-3/8" EUE 4.7# J-55 tubing and 3-1/2" 13.30# drill pipe with 1000' mud cushion. Set packer at 10842' with tailpiece to 10857'. Opened 3/8" valve at 1:55 PM. Had light decreasing blow for 3 minutes, then dead for remainder of 1 hour test. Recovered 110' net rise in the 3-1/2" drill pipe equivalent to 90' oily mud, 180' of 22° API clean oil, and 30' viscous oily mud in the 2-3/8" tubing above the tester. W.S.O. approved by Paul Betts, Division of Oil and Gas.

7/14 Changed from clay-water base mud to Ken oil base mud. Drilled out cement from 10896' to 10920'. Cleaned out to bottom.

7/15 Ran tubing, changed from Ken oil base mud to circulating oil and completed well.

## Production Tubing

| | Length | Depth |
|---|---|---|
| K. B. to tubing suspension | 13.00' | 13.00' |
| 149 joints 2-1/2" EUE 8 Rd. Thd J-55 Tubing | 4589.84' | 4602.84' |
| McEvoy Gas Lift Valve (1/4" Diam. Port) | 30.28' | 4633.12' |
| 181 joints 2-1/2" EUE 8 Rd. Thd. J-55 Tubing | 5530.29' | 10163.41' |
| 36 joints 2" EUE 8 Rd. Thd. J-55 Tubing | 1137.11' | 11300.52' |
| 2" Swage Nipple | 1.27' | 11301.79' |

## Production Data

| | Oil | | | | | Gas | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross | Net * | Cut | Grav. | Bean | Gross | Cir. | Net | GOR | Tubing Press. | Casing Press. |
| 7/18 | 1562 | 1560 | 0.1 | 30.8 | 22 | 908 | 0 | 908 | 582 | 1030 | 680 |
| 7/19 | 867 | 866 | 0.1 | 30.8 | 12-1/2 | 375 | 0 | 375 | 433 | 1320 | 1020 |
| 7/20 | 634 | 633 | 0.1 | 30.7 | 12 | 280 | 0 | 280 | 442 | 1370 | 1070 |
| 7/21 | 586 | 585 | 0.1 | 31.0 | 11-1/2 | 272 | 0 | 272 | 465 | 1400 | 1100 |
| 7/22 | 561 | 560 | 0.1 | 31.1 | 11-3/4,12 | 276 | 0 | 276 | 493 | 1400 | 1100 |
| 7/23 | 569 | 568 | 0.1 | 30.9 | 12 | 284 | 0 | 284 | 500 | 1400 | 1120 |
| 7/27 | 250 | 250 | 0.1 | 30.7 | 8 | 110 | 0 | 110 | 440 | 1550 | 1290 |

* Oil made by well after all wash oil had been recovered.

EARNSDALL OIL COMPANY

Form 5-OD

# CORE RECORD

Redrill & Deepening

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY Sunray Oil Corporation WELL R.S.F. #97-7

LOCATION S. 2803.85' and E. 6175.31' from Corner "J" SECT. 26 T. 4 N. R. 17 W. ELEV.

DIVISION OF OIL & GAS
RECEIVED
JUL 22 1952
LOS ANGELES

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHALE | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | | | | | | | | | | | | |
| 6/30 | Merc. Diam. | 5-7/8" | 10946 | 10973 | 27 | 100 | 19 | | | | Siltstone, black, hard, dense, brittle, sandy in streaks. Good dips 32°-34°. Slickensides at 10960'. | |
| | Core #21 | | | | | | 1 | | | 7 | Oil sand, dark gray brown, medium hard, slightly friable, pebbly in streaks and common very coarse grained, poorly sorted. Two 6" shale streaks at 10289' & 10290'. Sour odor on fresh break, fair petroleum odor after standing several minutes. Described under poor artificial light. | |
| | Note: | Cores #1-20 were not described and were destroyed. This coring was in lieu of drilling for economic reasons only. | | | | | | | | | | |
| 7/1 | Core #22 | | 10973 | 11003 | 30 | 100 | 2 | | | 28 | Oil sand, dark gray brown with blackish cast, medium hard to hard, slightly friable, medium to very coarse grained, sub-angular to angular, fair to poor sorting, micaceous, silty with occasional large carbonaceous fragments to 2". Poker chip fractures 10978'-10983'. 2' streak of siltstone at 10985' interbedded with thin sand streaks. Sand massive with no dips. Good petroleum odor, slightly sour. | |
| 7/2 | Core #23 | | 11003 | 11033 | 30 | 100 | | | | 9 | Oil sand, dark gray brown with blackish cast, medium grained, massive, slightly friable, slightly silty, few pebbles to 1/4", sub-angular, micaceous. Sour petroleum odor. | |
| | | | | | | | 1.5 | | | | Siltstone as above. | |
| | | | | | | | | | | 5.5 | Oil sand as above. | |
| | | | | | | | | | | 12 | Oil sand as above with exception pebbles to 1/4" common. | |
| | | | | | | | 2 | | | | Siltstone as above with poker chip fractures. | |
| 7/2 | Core #24 | | 11033 | 11063 | 30 | 100 | | | | 12 | Oil sand, dark gray brown with blackish cast turning dark brown on exposure to air, moderately hard, coarse grained, common pebbles to 1/4", | |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

FORM 107. 50672 9-51 15M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
APR 28 1952
LOS ANGELES

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. April 24 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, ~~[illegible]~~ at Well No. Rancho San Francisco (#97-6) * 97-7
(Cross out unnecessary words)

, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.

2. Complete casing record.

13-3/8" 54.5# J-55 Casing at 309 feet with 200 sacks.
7" 23#, 26#, 29# and 32# N-80 at 10,293 feet with 600 sacks.
5-1/2" 17# J-55 Liner hung at 10,268 feet with open shoe at 10,741 ft. Perf. 10290' - 10503' and 10569' - 10706' with 192 - 1/4" Rd. holes per foot.

3. Last produced. 12-31-51 (Date) 2 (Net Oil) 32° (Gravity) 98 (Cut)

The proposed work is as follows:

1. Pull 5-1/2" liner.
2. Drill ahead to base of 7th Zone at about 11,384 feet.
3. Run 5" combination liner c.p. at about 11,060 feet with top at 10,250 feet.
4. Run production tubing and complete in 7th Zone.
* 5. Well name to be changed to R. S. F. #97-7.

Omit per [illegible]

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | [illegible] | [illegible] | [illegible] |

SUNRAY OIL CORPORATION
(Name of Operator)

By R. E. Foss
R. E. Foss, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

SUBMIT LOG IN DUPLICATE

FILL TI ..NK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA ..Y

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & G
RECEIVE
OCT 4 1951
LOS ANGELE

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION ~~EXXXXXXXXXXXXXXXXXX~~ Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 97-6 Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Location S 2803.85' and E 6175.31' from Cor "J" Elevation of ~~ground or~~ ~~kelly bushing~~ conc. mat above sea level 1198.79 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.
(All depth measurements taken from top of K.B. which is 13.30' above conc. mat.)

Date August 24, 1951 Signed R. E. Foss

H. M. STANIER (Engineer or Geologist) T. J. PREHODA (Superintendent) Title R. E. FOSS, Agent (President, Secretary or Agent)

Commenced drilling 5-29-51 Completed drilling 8-24-51 Drilling tools Rotary

Total depth 10,741' Plugged depth -

Junk -

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 8-24-51 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 7 | - | 86.0 | 12 | 1320 | 175 |
| Production after 30 days | Shut In | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforations |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 309' | Surface | 54.5# | New | Smls. | J-55 | 17 1/4" | 200 | - |
| 7" | 10,293' | Surface | 23,26,29,32# | New | Smls. | N-80 | 11" | 600 | - |
| 5 1/2" | 10,740' | 10,268' | 17# | New | Smls. | J-55 | 5 7/8" | - | Hung |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5 1/2" | 10,290 ft. | 10,503 ft. | 192 - 1/4" Rd. Holes/ft. | 16 | 1" | Shop |
| 5 1/2" | 10,569 ft. | 10,706 ft. | 192 - 1/4" Rd. Holes/ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,295', 10,741' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL & GAS
RECEIVED
OCT 4 1951
LOS ANGELES

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. RSF 97-6, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Signed R. E. Foss mb

Date 8-24-51 Title R. E. FOSS, Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1951 | |
|---|---|
| 5-29 | Spudded in with 12 1/4" bit. Drilled to 245'. |
| 5-30 | Reduced hole size to 11" at 245'. Drilled to 409'. Opened hole to 309' with 17 1/4" hole opener. |
| 5-31 | Ran and cemented 13 3/8" 54.5# J-55 Smls. Casing @ 309'. Cemented w/200 sx. Victor Construction Cement containing 2 1/2% gel. Plugs bumped. Had complete cement return |
| 6-1 | Found plugs at 297' - shoe at 309'. Drilled ahead to 10,295' with 11" bit. |
| 8-5 | 1st Run Schlumberger Electric Log and Photoclinometer. |
| 8-6 | Ran and cemented 7" 23,26,29, and 32# N-80 Casing @ 10,293'. Float collar at 10,231'. Cemented by displacing ahead 100 c.f. water containing 50# Pyro. Mixed and pumped 100 sx. @ 105 lbs. and 500 sx. @ 116 lb. slurry using Victor Hi-Temp. cement. Plugs bumped. |
| 8-9 | Found top of cement @ 10,223'. Float collar @ 10,231'. Drilled out to 10,280'. Shot 4 3/8" holes with McCullough bullet gun @ 10,268'. Ran M.O.J. tester on 3 1/2" d.p. with packer set @ 10,235'. Tail piece @ 10,263', 3/8" btm. bean, 1000' mud cushion. Tester open 1 hr. 1/2 min. light puff, dead bal. of test. Recovered 25' mud - no water. W.S.O. approved. |
| 8-10 | Found shoe at 10,293'. Changed from mud to Ken-Oil oil base. Cored ahead with 5 7/8" diamond core head to 10,741'. |
| 8-22 | T.D. 10,741'. 2nd Run Schlumberger Electric Log. |
| 8-23 | Ran 471.99' - 5 1/2" - 17# J-55 F.J. liner. Top of adapter @ 10,268', open shoe @ 10,740'. Perf. intervals 10,290' - 10,503', 10,569' - 10,706'. Perf. with 192 - 1/4" Rd. 3/8" undercut holes/ft. Ran 2 1/2" upset production tubing and completed well. |

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13277

## Notice of Intention to Drill New Well

5

This notice must be given and surety bond filed before drilling begins

DIVISION OF OIL & GAS
RECEIVED
MAY 25 1951
LOS ANGELES

LOS ANGELES Calif. MAY 21 19 51

DIVISION OF OIL AND GAS

LOS ANGELES Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "RANCHO SAN FRANCISCO" #97-6, Sec. 26, T. 4N R. 17W, S.B.B. & M., NEWHALL-POTRERO Field, LOS ANGELES County. JLW

Lease consists of

The well is 2803.85 feet ~~N.~~ S., and 6175.31 feet E. ~~of W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

* ~~Kelly bushing~~

The elevation of the Ground ~~sea level~~ above sea level is 1,198.79 feet. 13.30 1212.09

(All depth measurements taken from top of Kelley Bushing, which is 13.30' above ground.)

5/31/51 * Company sent in correction ERMa

We estimate that the first productive oil or gas sand should be encountered at a depth of about 10,275 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55, Smls. | 300' | Cemented |
| 7" | 23,26,29, & 32# | J-55,N-80, Smls. | 10,275 | " |
| 5½" | 17# | J-55, Smls. | 10,650 | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
(Name of Operator)

By R. E. Foss
R. E. Foss Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW | JLW | | | | |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-53017

Los Angeles 15 Calif. June 13 1951

Mr. R E Foss
Los Angeles 15 Calif.
Agent for SUNRAY OIL CORPORATION

121

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 97-6 Sec 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by N. N. Sampson, Inspector, representative of the supervisor, on June 5, 1951. There was also present H. Stanier, Engineer.

Casing Record 13-3/8" cem. 309'. T.D. 2535'.

Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 1:30 p.m. and Mr. Stanier reported:

1. A 17-1/2" rotary hole was drilled from the surface to 309'.
2. On May 31, 1951, 13-3/8", 54 lb. casing was cemented at 309' with 200 sacks of ce t.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 309'-2535'.

THE INSPECTOR NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 3-1/2" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.

The inspection was completed at 1:50 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

NNS:OH

cc Company

W

R. D. BUSH
State Oil and Gas Supervisor

By H Musser Deputy

44226 5-51 14,250 ⓒ SPO

FORM 370.0—3

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SCHLUMBERGER

## Directional Log (COMPUTED)

COUNTY LOS ANGELES
FIELD or NEWHALL POTRERO
LOCATION 26 - 4N - 17W
WELL R. S. F. 97-7
COMPANY SUNRAY OIL CORP:

COMPANY ~~SUNRAY OIL CORP.~~ Sun Oil Co.
037-13477

WELL R. S. F. 97-~~7~~

FIELD NEWHALL POTRERO

LOCATION 26 - 4N - 17W

COUNTY LOS ANGELES

STATE CALIFORNIA

Location of Well

Keep in File

Elevation: D.F.:
K.B.:
or G.L.:

FILING No.

DIVISION OF OIL AND GAS
RECEIVED
JAN - 6 1978
SANTA PAULA, CALIFORNIA

| RUN No. | 1 | 2 |
|---|---|---|
| Date | 8-5-51 | 7-9-52 |
| First Reading | 10275 | 11300 |
| Last Reading | 2200 | 10400 |
| Feet Measured | 8075 | 900 |
| Csg. Schlum. | -- | -- |
| Csg. Driller | 309 | 10293 |
| Depth Reached | 11294 | 11300 |
| Bottom Driller | 11295 | 11345 |
| Depth Datum | Kelly B. | Kelly B. |
| Mud Nat. | Clay+Chem | Ken Oil |
| " Density | 76 | 85 |
| " Viscosity | 42 | 295 |
| Max. Temp. °F | 168°F. | 220°F. |
| Bit Size | 11" | 5 7/8" |
| Depth intervals between shots | 100 ft. 200 ft. | 100 ft. |
| P.C. No. | 205 | 28 |
| Opr. Rig Time | 3 hrs. | 3 hrs. |
| Truck No. | VT-522 | VT-1720 |
| Recorded By | SECoombs | Andersen |
| Witnessed by | Roberts | Williams |

FOLD HERE

OPERATOR Medallion-CA Properties A.P.I. 037-13284
WELL NO. "Rancho San Francisco" 105 SECTION 26, T. 4 N, R. 17 W
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Rework | | | | | |
| NOTICE DATED | 10-18-94 | | | | | |
| P-REPORT NUMBER | P294-271 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | — | | | | | |
| SYMBOL | N/C | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-20-94 | | | | | | | | | | | |
| HISTORY | 12-27-94 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |
| 6 month WSO due 6/95 | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | — | | | | | |
| OPERATOR'S NAME | — | | | | | |
| WELL NO. | — | | | | | |
| LOC & ELEV | — | | | | | |
| SIGNATURE | — | | | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE _____ _____ _____ _____

FINAL LETTER OK _____
MAILED _____
RELEASED BOND _____

INJECTION BOOK _____ REMARKS: _____
)LE WELL LIST _____
SURFACE INSP. CARD _____
OK TO RELEASE FROM CONFIDENTIAL _____
ABANDONED-REMOVED FROM E.D.P. _____

500/00/40

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

FOR DIVISION USE ONLY
BOND FORMS EDP WELL
OGD114 OGD121 FILE

# NOTICE OF INTENTION TO REWORK WELL

This notice and an indemnity or dash bond must be filed, and approval given, before rework begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well "Rancho San Francisco" #128 (Well designation), API No. 03712882

Sec. 26, T. 4N., R. 17W., S.B. B.& M., Newhall-Potrero Field,

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:

13-3/8" 61# J-55 CMT at 498 ft. w/300 SX (17-1/2" hole)
7" 23#, 26#, 29# and 32# N-80 CMT at 10,431 ft. w/600 SX (10-5/8" hole)
calc. TOC at 8,350 ft. WSO at 10,417 ft.
5-1/2" 17# J-55 F.J. liner hung at 10,418 ft. w/bottom at 10,889 ft.
w/192 1/4" shop cut HPF 16-row, 1" center. 10,856 - 10,819 ft. and 10,673 - 10,440 ft.

2. The total depth is: 10,891 feet. The effective depth is: 10,891 feet.

3. Present completion zone(s): Seventh Zone (Name). Anticipated completion zone(s): Sixth Zone (Name) 35

4. Present zone pressure: 1,000 psi. Anticipated/existing new zone pressure: 1,500 psi.

5. Last produced: Feb, 1982 (Date) 2 B/D (Oil, B/D) 0 B/W (Water, B/D) 30 MCF/D (Gas, Mcf/D)

(or)

Approved: --- (Date) --- (Oil, B/D) --- (Water, B/D) --- (Gas, Mcf/D)

6. Is this a critical well according to the definition on the reverse side of this form? Yes No X

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*

1. Move in workover rig. RD production tree. RU Class II BOPE and test BOPE.
2. Pull 491 ft 2-7'8" kill string.
3. Set bridge plug at 10,300 ft.
4. Perforate selected sixth zone intervals from 9,930 ft. to 10,000 ft. and 10,140 ft. to 10,303 ft.
5. Run 2-7/8" tubing and pump shoe.
6. RD BOPE RU production tree, run rod sting and pump. Test well w/portable PU.

RECEIVED
OCT 20 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

Note: If the well is to be redrilled, show the proposed bottom-home coordinates and estimated true vertical depth.
**The Division must be notified if changes to this plan be come necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | 805/395-3029 | |
| Address | City | Zip Code |
| 1400 Easton Drive | Bakersfield, CA | 93309 |
| Name of Person Filling Notice | Signature | Date |
| Claude D. Fiddler | Claude D. Fiddler | 10/17/94 |

File in Duplicate

OG 107 (9/91/GSR1/5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator Medallion California Properties Field or County Newhall Potrero - Los Angeles
Well "Rancho San Francisco" #128, Sec 26, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-12882 Name Claude D. Fiddler (Person submitting report) Title Agent (President, Secretary or Agent)
Date December 21, 19 94

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

**History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

| Date | |
|---|---|
| 10/27/94 | MIRU wireline unit ran pressure and temperature gradients to 10,648 ft. Fluid level 8,631 ft. |
| 11/03/94 | MIRU workover rig. Bled down well. R/D production tree. R/U and tested Class II BOPE. POOH with 15 joints 2-7/8" tubing (kill string). Installed shooting flang and SIWFN. |
| 11/04/94 | RU perforating equipment and lubricator. RIH w/gamma ray correlation tool, logged interval 10,520 ft. to 9,700 ft. POOH w/logging tools. RIH w/4" casing gun, jet perforated 4 HPF 10,200 ft - 10,142 ft, 9,995 ft - 9,932 ft. POOH w/casing guns. SIWFN. |
| 07/94 | Bled well down (300 psi SIWHP). RIH with 2-7/8" N-80 and J-55 tubing equipped with 2-1/2" pumpshoe and 2-7/8" gas anchor to 10,361 ft. Tested tubing string. Landed tubing. R/D BOPE, install production tree. SIWFN. |
| 11/08/94 | Bled down tubing. RIH with 1" - 7/8" - 3/4" combination rod string with 2-1/2" x 1-1/4" x 18 ft x 20 ft RHB pump to 10,299 ft. Clamped off polish rod. R/D workover rig. |
| 11/10/94 | MI and install portable pumping unit. Placed well on production. |

RECEIVED
DEC 27 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## SUPPLEMENTARY NOTICE

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| BOND | FORMS | | EDP WELL FILE |
| | OGD114 | OGD121 | |
| BB | | ✓ | |

DIVISION OF OIL AND GAS

District #2 Ventura Calif.

A notice to you dated October 17, 1994, stating the intention to

Rework "Rancho San Francisco" #128, API No. 03712882,
(Drill, rework, abandon) (Well name and number)

Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall Potrero Field,

Los Angeles County, should be amended because of changed conditions.

RECEIVED
NOV 09 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

The present condition of the well is as follows:

Total depth 10,891 ft.

Complete casing record including plugs and perforations

13-3/8" 61# J-55 CMT at 498 ft w/300 SX (17-1/2" hole)
7" 23#, 26#, 29# and 32# N-80 CMT at 10,431 ft w/600 SX (10-5/8" hole)
Calc. TOC at 8,350 ft. WSO at 10,417 ft.
5-1/2 " 17# J-55 F.J. liner hung at 10,418 ft w/bottom at 10,889 ft.
w/192 1/4" shop cut HPF 16-row, 1" center. 10,856 - 10,819 ft and 10,673 - 10,440 ft

We now propose

To eliminate setting the bridge plug at 10,300 ft in Step (3) of 10-17-94 Notice.

We plan to comingle production from the sixth and seventh zone.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 1400 Easton Dr., Ste. 133
(Street)

Bakersfield CA 93309
(City) (State) (Zip)

Telephone Number (805) 397-8540

Medallion California Properties Co.
(Name of Operator)

Type of Organization Corporation
(Corporation, Partnership, Individual, etc.)

By J. R. Weddle 11/7/94
(Name) (Date)

Signature J. R. Weddle

OG123 (11/82/GSR1/8M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P294-297

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
35/40
(new pool code
40
(old pool code)

James R. Weddle, Agent
Medallion Calif. Properties
1400 Easton Drive, Suite 133
Bakersfield, CA 93309

Ventura, California
November 18, 1994

Your supplementary proposal to rework well "Rancho San Francisco" 128, A.P.I. No. 037-12882, Section 26, T. 4N, R. 17W, S.B. B.&M., Newhall-Potrero field, ---------- area, Sixth and Seventh pool, Los Angeles County, dated 11/7/94, received 11/9/94, has been examined in conjunction with records filed in this office.

THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111 (Modified 1993)

Change of designation May 18, 1977 to "Rancho San Francisco" /28

ORM 105.
CALIFORNIA STATE PRINTING OFFICE

(D)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12882

11

DIVISION OF OIL AND GAS
RECEIVED
NOV 8 1954
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. November 3 1954

DIVISION OF OIL AND GAS

Los Angeles Calif.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 64L 18A | 64L | 6D | | 4B | 4B |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 128-7, Sec. 26, T. 4 N. 64L R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3701.65 feet ~~N.~~ S., and 6790.73 feet E. ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~kelly bushing~~ ground ~~xx~~ above sea level is 1342.81 / 1329.51 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 500' | Cemented |
| 7" | 23#, 26#, & 29# | N-80&P-110 | Smls | 10,645' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 10,970' | Landed |
| | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111 (1-49)

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 154-1361

Mr. O A Graybeal
714 West Olympic Blvd.
LOS ANGELES 15
Agent for SUNRAY OIL CORP

Los Angeles 15 California
November 10 1954

124

DEAR SIR:

Your "Rancho San Francisco" proposal to drill Well No. 128-7,

Section 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, Los Angeles County,

dated Nov. 3 1954, received Nov. 8 1954, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES
"The well is 3701.65 feet S., and 6790.73 feet E. from Corner "J"
The elevation of the kelly bushing 1342.81 / ground 1329.51 above sea level is feet.
We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet."

PROPOSAL
"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing | Weight | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 500' | Cemented |
| 7" | 23#, 26#, & 29# | N-80&P-110 | Smls | 10,645' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 10,970' | Landed |

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION
THE PROPOSAL IS APPROVED PROVIDED THAT
1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 2000'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

FEK:OH

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

Blanket bond.

By R. N. Walling Deputy

98406 5-54 25M SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 154-1328

Mr. G A Graybeal
714 West Olympic Blvd
Los Angeles 15 Calif
Agent for SUNRAY OIL CORP

Los Angeles Calif.
December 22 19 54

DEAR SIR: "Rancho San Francisco"

Operations at your well No. 128-7 Sec. 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed on November 22, 19 54 Mr. M Dosch, Engineer, representative of the supervisor was present from 11:30 a.m. to 12:30 p.m. There were also present D. Wisler, Engineer
H. Burdg, Drilling Foreman

Present condition of well: 13-3/8" cem. 498'; T.D. 2975'

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Wisler reported:

1. A 17-1/2" rotary hole was drilled ffom the surface to 498'.
2. On November 18, 1954, 13-3/8" 61 lb. casing was cemented at 498' with 300 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled 498'-2975'.

THE ENGINEER NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. A GK Hydril blowout preventer for closing around the 4-1/2" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.

c/p THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

MD:es

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By R. N. Wallace Deputy

5440 9-54 17,850 ② SPO

A 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 17 1955
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 128-7 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 3701.65' S. & 6790.73' E. from Cor. J Elevation of kelly bushing 1342.81 ground above sea level 1329.51 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date March 2, 1955 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling November 16, 1954 Completed drilling February 13, 1955 Drilling tools Rotary

Total depth 10,891' Plugged depth --

Junk --

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing February 13, 1955 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 189 | 27.6° | 6.7 | 136 | 160 | 760 |
| Production after ~~30~~ 8 days | 249 | 27.7° | 3.2 | 186 | 170 | 725 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 498' | Surface | 61# | New | Smls | J-55 | 17-1/2" | 300 | -- |
| 7" | 10,431' | Surface | 32#, 29#, 26# & 23# | New | Smls | N-80 | 11" & 10-5/8" | 600 | -- |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 10,856 ft. | 10,819 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| | 10,673 ft. | 10,440 ft. | Undercut to 3/8" | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,670' and 10,891' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
MAR 17 1955
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Sunray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco 128-7, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date March 2, 1955 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1954 | |
| 11/16 | Spudded in with 11" bit. Drilled to 650'. |
| 11/17 | Opened hole to 17-1/2" to 498'. Ran 13-3/8" 61# J-55 ST&C casing. Cemented shoe at 498' with 300 sacks of Colton Construction cement containing 2-1/2% gel. |
| 11/18 | Found top of cement at 488' and shoe at 498'. Drilled ahead with 11" bit to 10,119'. |
| 1955 | |
| 1/22 | Drilled ahead from 10,119' to 10,670' with 10-5/8" bit. |
| 30 | 1st Run Schlumberger Electric Log to 10,670'. |
| | Also ran Schlumberger Directional Survey to 10,670'. |
| 1/31 | Ran 7" 23#, 26#, 29# and 32# N-80 LT&C casing. Cemented shoe at 10,431' and float collar at 10,341' with 600 sacks of Colton Hi-Temp cement. |
| 2/2 | Found top of cement at 10,150'. Drilled out with 5-7/8" bit to 10,421'. Found float collar at 10,341'. |
| 2/3 | Shot four 1/2" bullet holes at 10,417'. |
| | Ran Johnston Formation Tester #1 to test W.S.O. Packer set at 10,383' and tail piece to 10,400'. Used 1000' of mud cushion; 3/4" bottom bean. Tool opened at 1:54 PM; open for one hour. Had medium blow decreasing to dead for 5 minutes and dead for 55 minutes. Recovered 240' net rise of oily, gassy, watery mud; salinity 27 G/G. Charts showed tester open throughout test. Test witnessed and approved by Mr. Polglase of the Division of Oil and Gas. |
| 2/4 | Drilled out cement from 10,421' to 10,437'. Found shoe at 10,431'. Cleaned out to 10,670'. Drilled to 10,674' with 5-7/8" bit. Changed to Black Magic oil-base mud. |
| 2/5 | Cored ahead with 5-7/8" core head to 10,891', total depth. |
| 2/11 | 2nd Run Schlumberger Induction Log from 10,470' to 10,891'. |
| | Ran 5-1/2" 17# J-55 flush joint liner with shoe hung at 10,889' and hanger at 10,418'. Perforated with 192 - 1/4" round holes per foot from 10,856' to 10,819' and 10,673' to 10,440'. |
| 2/12 | Ran 2-1/2" production tubing to 10,823.97'. |
| 2/13 | Installed Xmas tree. Changed from Black Magic oil-base mud to salt water and from salt water to crude oil, and completed well. |

**Medallion California Properties, Inc.**
**Well: RSF No. 109**
**API No.: 037-13288**
**Sec 26, T4N-R17W**
**Abandonment Program**
**Field: Newhall Potrero**

**Well History:** This well was originally completed in the 7th zone (10,910' to 11,143') on May 13, 1953 utilizing Gas Lift valves. On February 8, 1960, it was converted to a Gas Injection well in the 7th zone. It was placed back on production on October 21, 1988. On August 16, 1997, it was converted to Plunger Lift and on July 12, 2000 a down hole rod pump was installed. Perforations were added in June 2001, August 2001 and September 2001. It has been idle since October 2001. On October 30, 2001, the DOGGR approved the setting of the first cement plug (9,353' to 10,861') inside the 7" casing and this well has been temporarily abandoned.

Medallion California Properties now proposes to abandon this well.

**Well Data and Mechanical Condition:**

| | | | |
|---|---|---|---|
| **T.D.:** | 11,186' | **Spud Date:** | 2/10/1953 |
| **PBTD:** | Cement Plug 9,353 to 10,861' | **Orig. Completions Date:** | 5/13/1953 |

| | | |
|---|---|---|
| **Casing:** | 13 3/8" 54.5# J-55 | Set at 316'. Cemented with 210 sacks. |
| | 7" 23#, 26#, 29# & 32# N-80 and P-110 | Set at 10,913'. Cemented with 600 sacks. |
| | 5 ½" 17# J-55 FJ Liner | From 10,874 to 11,184'. |
| **Bridge Plug:** | 5 ½" Robison. | Set at 10,889' with sand on top up to 10,861'. |
| **W.S.O.:** | At 10,875'. | |

**Original Perforations:** 10,910' to 11,143' with 192 ¼" holes per foot (undercut to 3/8") with 16 rows on 1" centers.

**Additional Perforations:** 9679-89', 9708-15', 9720-50', 9751-56', 9780-90' and 9795-9805' with 4 JPF in the 5th zone. (6/19/2001).

9808-28', 9836-70', 9880-9912' and 9920-50' with 4 JPF in the 5th zone plus 10,376-86', 10,398-428' and 10,433-53' with 4 JPF in the 6th zone. (8/9/2001).

9480'-9500' with 4 JPF in the 4L zone. (9/19/2001).

**PluggedPerforations:** All perforations are plugged off.

**Elevation:** All depths refer to K.B. measurements, 10.68' above the mat.

**Shallowest Hydrocarbon Zones:** Top of 3rd Zone = 8,255'

**Work Program:**

1. MIRU Service Rig, install BOPE, GIH to ±9,353'.
2. Spot 72#/ft3 clay base abandonment Mud from ±9,353' up to ±5,000'. Mudding to be witnessed and approved by the DOGGR. RDMO Service Rig.
3. GIH with Perforating Gun and perforate four (4) feet with 4 JPF at ±5000'.
4. MIRU Coiled Tubing Unit. GIH with coiled tubing to ±5000'.
5. Rig up cementers. Mix, pump-in and squeeze (if necessary) sufficient volume of 50/50 Poxmix cement to fill from ±5,000' up to ±4,850' both inside and outside the 7" Casing.
6. Contact DOGGR to witness location and hardness of plug.
7. Spot 72#/ft3 clay base abandonment Mud from 4,850' up to ±1,100'. Mudding to be witnessed and approved by the DOGGR.
8. GIH with cavity shot or perforating gun and detonate at ±1,100'.
9. GIH with coiled tubing to ±1,100'.
10. Rig up cementers. Mix, pump-in and squeeze (if necessary) sufficient volume of 50/50 Poxmix cement to fill from ±1,100' up to ±950' both inside and outside the 7" Casing.
11. Contact DOGGR to witness location and hardness of plug.
12. Spot 72#/ft3 clay base abandonment Mud from ±950' up to ±100'. Mudding to be witnessed and approved by the DOGGR. RDMO Service Rig.
13. GIH with Perforating Gun and perforate four (4) feet with 4 JPF at ±100'.
14. GIH with Coiled Tubing to ±100' and circulate Class "G" cement to surface inside 7" casing. POOH with coiled tubing. Close well in and nipple up to wellhead. Begin pumping Class "G" cement through the perforations at ±100' and into the 7" x 13-3/8" casing annulus. Continue cement pumping until clean cement returns are achieved at surface.
15. Clean surface location, cut off casing five feet below ground level and weld on steel plate. DOGGR to witness plug prior to welding steel plate. DOGGR to make inspection of surface after the surface restoration work is complete.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P203-59

# PERMIT TO CONDUCT WELL OPERATIONS

814
(field code)

00
(area code)

—
(new pool code)

32/40
(old pool code)

Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Hwy
Bakersfield CA 93308

Ventura, California
March 17, 2003

Your _____ proposal to plug and abandon well "Rancho San Francisco" 109, A.P.I. No. 037-13288 Sec. 26, T. 4N, R. 17W, SB B.&M., Newhall Potrero field, ---------- area, 5th/6th and 7th pool Ventura County, dated 03/13/2003 received 03/13/2003 has been examined in conjunction with records filed in this office.

## THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 9353'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72lbs.,cu. ft and a minimum gel shear strength of 25lbs./100 sq. ft.
5. In the event that perforations are shot at 1,100±, then sufficient cement shall be squeezed out the perforation to fill at least 100 liner feet outside the 7" casing.
6. Wellsite restoration shall be completed within 60 days after completion of plugging operations.
7. This office shall be consulted before deviating from the proposed abandonment program.
8. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To inspect the installed blowout prevention equipment prior to commencing downhole operations.
   b. To witness the mudding of the well.
   c. To witness the squeeze-cementing of the 7" casing through the perforation at 5000'±.
   d. To witness the location and hardness of the cement plug at 4900'.
   e. In the event that perforation are shot at 1,100'±, then to witness the squeeze-cementing through the perforations.
   f. To witness the location and hardness of the cement plug at 1000'.
   g. To witness the placing of the cement in the 7" casing and all annuli.
   h. To inspect and approve the cleanup of the wellsite before approval of abandonment will be issued.

SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

KENNETH P. HENDERSON
Acting State Oil and Gas Supervisor

By _____
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

# RSF No. 109
## API No.: 037-13288
## Section 26, T 4N, R 17W
## Field: Newhall Potrero
## Medallion California Properties Comapny

## Convert Well to a SWDW

## Wellbore History and Data

**T.D.:** 11,186' **Spud Date:** 2/10/53 **Orig. Completions Date:** 5/13/53

| | | |
|---|---|---|
| **Casing:** | 13-3/8", 54.5#, J-55 | 0' - 316', cemented w/ 210 sacks. |
| | 7", 23, 26, 29 & 32# N-80 and P-110 | 0' – 10,913', cmt'd w/ 600 sacks. With a 11 ½" hole, TOC at 9250'; 12 ½" hole, TOC at 9622'. |
| | 5", 17# J-55 FJ Liner | 10,874' – 11,184' |
| **PBTD:** | 9353' | 5 ½" Robison BP at 10,889' (8/8/01). Sand from 10,889' up to 10,861'. Cmt from 10,861' to 9353'. |
| **W.S.O.:** | At 10,875' | |

**Original Perforations:** 10,910' to 11,143' with 192 ¼" round holes per foot undercut to 3/8" with 16 rows on 1" centers. 7th Zone.

**6/19/2001 Perforations:** 9679-89'; 9708-15'; 9720-50'; 9751-56'; 9780-90' and 9795-9805' with 4 JPF. 5th Zone.

**8/9/2001 Perforations:** 9808-28'; 9836-70';9880-9912' and 9920-50' w/ 4 JPF. 5th Zone. 10,376-86'; 10,398-428' and 10,433-53' with 4 JPF. 6th Zone.

**9/19/2001 Perforations:** 9480-9500' with 4 JPF. 4-L Zone.

**Elev:** All depths refer to K.B. measurements, 10.68 above the mat.

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VENTURA, CALIFORNIA

# SCHLUMBERGER WELL SURVEYING CORP

HOUSTON, TEXAS

SCHLUMBERGER

ELECTRICAL LOG

MEDALLION CALIFORNIA PROPERTIES CO.
"Rancho San Francisco" 109~~47~~
Sec. 26-4N-17W NEWHALL-POTRERO

COUNTY
FIELD or LOCATION
WELL
COMPANY

COMPANY SUNRAY OIL CORPORATION

WELL R S F NO. 109~~47~~

037-13288

FIELD NEWHALL-POTRERO

LOCATION 26 - 4N - 17W ✓

6

COUNTY LOS ANGELES

STATE CALIFORNIA

Loc

DIVIS

LOS

Elevo

or G.L.:

FILING No.

| RUN No. | 1 | 2 | 1 IND |
|---|---|---|---|
| Date | 4-2[illegible]-53 | 4-25-53 | 5-11-53 |
| First Reading | 10821 | 10904 | 11182 |
| Last Reading | 316 | 10841 | 10913 |
| Feet Measured | 10525 | 63 | 269 |
| Csg. Schlum. | 316 | ----- | 10913 |
| Csg. Driller | 316 | 316 | 10913 |
| Depth Reached | 10842 | 10905 | 11182 |
| Bottom Driller | 10860 | 10913 | 11182 |
| Depth Datum | Kelly B. | Kelly B. | Kelly B. |
| Mud Nat. | Oil Emul. | Oil Emul | Ken Oil |
| " Density | 80 | 81 | 82 |
| " Viscosity | 60 | 50 | 200 |
| " Resist. | 2.0@ 80°F | 2.8@ 68°F | ∞ at -°F |
| " Res. BHT | 1.4@174°F | 1.2@175°F | ∞ at202°F |
| " pH | 8.0@ 80°F | 8.0@ 68°F | - at -°F |
| " Wtr. Loss | 7.5 CC 30 min. | -- CC 30 min. | -CC30min. |
| Max. Temp. °F | 174° F. | 175° F. | 202° F. |
| Bit Size | 11" | 11" | 5 7/8" |
| Csg. AM | 16"-M | 16"-M | 27" |
| AO | 10 | 10 | |
| AO | 19 | 19 | |
| Opr. Rig Time | 3 hrs. | 2 hrs. | 3½ hrs. |
| Truck No. | NH-1732 | NH-1720 | NH-1733 |
| Recorded By | HBarbarick | KMurphy | cMesenbrink |
| Witness By | JMurphy | Williams | Griffith |

KB 1163'

FOLD HERE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# NOTICE OF INTENTION TO REWORK / REDRILL WELL

P204-36

| C.E.Q.A. INFORMATION (when redrilling or deepening only) | | | |
|---|---|---|---|
| Exempt ☐ | Neg. Dec. ☐ | E.I.R. ☐ | Document not required by local jurisdiction ☐ |
| Class _____ | S.C.H. No. | S.C.H. No. | |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| | Forms | | BP Well File |
| Bond | OGD114 ✓ | OGD121 ✓ | |
| 250,000 | 111 ✓ | 115 ✓ | |

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill *(Circle one)* well RSF No. 109 API No. 037-13288
*(Well designation)*

Sec. 26 T. 4N R. 17W S.B. B.&M. Newhall-Potrero Fiel

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
See attached program

2. The total depth is: _____ feet. The effective depth is: _____ feet

3. Present completion zone (s): _____ *(Name)* Anticipated completion zone (s): _____ *(Name)*

4. Present zone pressure: _____ psi. Anticipated/existing new zone pressure: _____ psi

5. Last produced: _____ *(Date)* _____ *(Oil, B/D)* _____ *(Water, B/D)* _____ *(Gas, Mcf/D)*

(or)

Last injected: _____ *(Date)* _____ *(Water, B/D)* _____ *(Gas, Mcf/D)* _____ *(Surface pressure, psig)*

6. Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☐

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*
See attached program

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VENTURA, CALIFORNIA

For redrilling or deepening: _____ *(Proposed bottom-hole coordinates)* _____ *(Estimated true vertical depth)*

**The division must be notified if changes to this plan become necessary.**

| | | |
|---|---|---|
| Name of Operator: Medallion California Properties Co. | Telephone Number: (661) 254-2856 | |
| Address: 26838 W. Pico Canyon Rd. | City: Newhall | Zip Code: 91321 |
| Name of Person Filing Notice: Alex B. Iwasiw | Signature: [signature] | Date: 4/28/( |

**File in Duplicate**

OG107 (7/97/GSR/5M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

P203-59

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OSD114 | OSD121 |
| | | 111 | 115 |

## DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 109, API No. 04-037-13288

Sec. 26 T. 4N R. 17W S. B. B. & M., Newhall Potrero Field, Los Angeles County,

commencing work on March 17, 20 03.

The present condition of the well is:

1. Total Depth See Attached Program
2. Complete casing record, including plugs and perforations (present hole)

   See Attached Program

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands

9. Is this a critical well according to the definition on the reverse side of this form? Yes [ ] No [X]

The proposed work is as follows:

SEE ATTACHED PROGRAM

RECEIVED MAR 13 2003 By VTA DOGGR

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 26835W. Pico Canyon Road (Street)
Newhall, CA 91321 (City) (State) (Zip)

Telephone Number (661) 254-2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

(Signature) 3-13-03 (Date)

FAX: 661-254-2842

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Company Field Newhall-Potrero County Los Angeles
Well Rancho San Francisco No. 109 Sec. 26 T. 4N R.17W S.B.B.&M.
A.P.I. No. 037-13288 Name S. W. VanNatta (Person submitting report) Title Vice President Engineering (President, Secretary, or Agent)
Date April 25, 2002 (Month, day, year)
Signature S.W. VanNatta
Address 7130 S. Lewis Ave, Suite 700, Tulsa, Oklahoma 74136 Telephone Number 918/488-8283

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 9/17/2001 | Moved in a Service Rig. |
| 9/18/01 | RU Service Rig. POOH with rod string. ND tree. NU BOP's. Started OOH with tubing. |
| 9/19/01 | Finished POOH with 2 7/8" tubing. Perforated 9480' to 9500' with 4 JPF. WIH with tubing testing to 5000 psi. N/D BOP's and N/U tree. |
| 9/20/01 | Swabbed to 6700' and recovered 64 bbls. of load water. Made a wireline dummy run to 10,400'. |
| 9/21/2001 | WIH with DHP and rods. |
| 9/24/2001 | Well did not pump any fluid over week-end. POOH with rods and DHP. WIH with new DHP and rods. Could not pressure up tubing with DHF POOH with rods and DHP. |
| 9/25/2001 | WIH With DHP and rods. PU tubing to 300 psi, had slow bleed off. RD and MO Service Rig. |
| 10/5/2001 | MI and RU Service Rig. POOH and laying down rod string. ND tree. NU BOP's. |
| 10/8/2001 | POOH with tubing. Laid down Tubing anchor and gas anchor. Started GIH with 2 7/8" tubing open-ended. |
| 10/9/2001 | WIH to 5276' and reversed out. Recovered 50 bbls. mud and 10 bbls. oil. Staged IH to top of sand at 10,857' and reversed out mud with lease water. Recovered a total of ±240 bbls. of mud. POOH with 23 stands of tubing. |
| 10/10/2001 | Set end of tubing (EOT) at 10,851 and displaced 79 cu. ft. of cement to bottom. Pulled EOT to 10,491' and displaced 79 cu. ft. of cement to bottom. Pulled EOT to 10,121' and displaced 79 cu. ft. of cement to bottom. Pulled EOT to 9751' and displaced 91 cu. ft. of cement to bott Pulled EOT to 9314' and reversed out. Recovered small amount of cement. Pulled 20 stands of tubing. |
| 10/11/2001 | WIH and tagged top of cement at 9353'. DOGGR witnessed tag. POOH laying down tubing. Left 23 stds. of tubing in hole. RD and MO Rig. |

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SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Company Field Newhall-Potrero County Los Angeles
Well Rancho San Francisco No. 109 Sec. 26 T. 4N R.17W S.B.B.&M
A.P.I. No. 037-13288 Name S. W. VanNatta (Person submitting report) Title Vice President Engineering (President, Secretary, or Agent)

Date April 25, 2002
(Month, day, year)

Signature S.W. VanNatta

Address 7130 S. Lewis Ave, Suite 700, Tulsa, Oklahoma 74136 Telephone Number 918/488-8283

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 8/2/2001 | MI & RU a Service Rig. POOH with rod string. ND tree. NU BOP's. |
| 8/3/2001 | POOH with 2 7/8" tubing. Left 10 stands of tubing in well overnight. |
| 8/6/2001 | POOH with 10 stands of tubing. WIH with 7" Retrievable Bridge Plug (RBP). Could not go below 8552'. Started OOH. |
| 8/7/2001 | Finished POOH. Did not retrieve RBP. WIH and latched RBP at 8490'. POOH and laid down RBP. |
| 8/8/2001 | WIH with a 5 ½" RBP and tagged liner top at 10,874'. Set RBP at 10,889'. Spotted 8 cu. ft. of sand on top of RBP. Tagged top of sand at 10 Started OOH with tubing. |
| 8/9/01 | Finished OOH. Perforated the 6th zone: 10,433'-53'; 10,398'-428' and 10,376'-86'. Perforated the 5th zone: 9920'-50'; 9880'-9912'; 9836'-70' and 9808'-28'. All perforations were 4 JPF. |
| 8/10/01 | WIH with tubing testing to 6000 psi. N/D BOP's and N/U tree. Started in hole with DHP and rods. |
| 8/11/01 | Finished GIH with rods and DHP. RD and MO Service Rig. |

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VENTURA, CALIFORNIA

OG103 (6/97/GSR/5M)
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RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T201-209**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES
5400 Rosedale Highway
Bakersfield, CA 93308

Ventura, California
October 30,2001

Your operations at well **"Rancho San Francisco" 109,** API No. **037-13288,** Sec. **26**, T. **4N**, R.**17W**, S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **10-11-2001.** **Steve Mulqueen ,** representative of the supervisor, was present from **0730** to **0830**. There were also present **Alex Iwasiw.**

Present condition of well: **13 3/8" cem 316'; 7" cem 10,913', perf 10,875' WSO, perfs 9480'-9500', perfs @ int 9679'-10,453' & 10,810'-10,913'; 5 ½" ld 10,874'-11,184', perfs 10,910'-11,143'. TD 11,186'. BP 10,899'. Plugged w/ cem 10,851'-9353'.**

The operations were performed for the purpose of **witnessing the location & hardness of a cement plug placed from 10,851'-9353'.**

DECISION:

**The location and hardness of the cement plug @ 9353' are approved.**

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P201-187

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
32
(new pool code)
40
(old pool code)

---

Bradford A. DeWitt
Medallion California Properties Co.
5400 Rosedale Hwy
Bakersfield, CA 93308

Ventura, California
August 7, 2001

Your _____ proposal to rework _____ well "Rancho San Francisco" 109 _____,
A.P.I. No. 037-13288 _____ Sec. 26 , T. 4N , R. 17W , SB B.&M.,
Newhall-Potrero _____ field, ---------- _____ area, 5th/6th _____ pool
Los Angeles _____ County, dated 08/06/2001 received 8/6/2001 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements is installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. Wire line operations are conducted through at least a 2M lubricator.
4. The proposed bridge plug at 10,650'± does not fulfill the requirements for the abandonment of the lower portion of the well without further considerations.
5. The Division will monitor the monthly production of this well for a period of six months and if anomalous water production is indicated, remedial action will be required.
6. This office shall be consulted before initiating any changes or additions to this proposed operation or if operations are to be suspended.
7. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To inspect the installed blowout prevention equipment prior to commencing downhole operations.

Engineer Steven A. Fields

Phone (805) 654-4761

WILLIAM F. GUERARD, JR., State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion Calif Properties Co | Field Newhall-Potrero | County Los Angeles
Well Rancho San Francisco No. 109 | Sec. 26 | T. 4N | R. 17W | S.B.B.&M.
A.P.I. No. 037- 13288 | Name Alex Iwasiw (Person submitting report) | Title Contract Engineer (President, Secretary, or Agent)

Date July 27, 2001 (Month, day, year)

Signature [signature]

Address 26835 W. Pico Canyon Road, Newhall, CA 91321 | Telephone Number 661-254-2856

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 6/15/2001 | MI & RU a Service Rig. POOH with rod string. |
| 6/18/2001 | ND tree. NU BOPE. Tagged PBD at 11,184'T.M. POOH with 2 7/8" tubing. Left 5 stands of tubing in well overnight. |
| 6/19/2001 | POOH with 5 stands of tubing. RU Baker Atlas WL truck. Perforated the 5th zone with four ½" JPF as follows: 9795'-9805', 9780'-90' 9751'-56', 9720'-50', 9708'-15' and 9679'-89'. WIH with 5 stands of tubing. |
| 6/20/2001 | POOH with 5 stands of tubing. Made up BHA and WIH with 2 7/8" tubing testing same to 6000psi. ND BOPE and NU tree. |
| 6/21/2001 | WIH with DHP and rod string. Filled tubing with 30 barrels of lease water. Tested tubing and DHP to 300 psi. Hung rods on head of pumping unit. RD and MO. |

AUG 01 2001

OG103 (6/97/GSR/5M)
Printed on recycled paper.

SUBMIT IN DUPLICATE

MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION

VENTURA, Calif.

3 - 1 - 1989

Operator SUN EXP. & PROD. CO Well No. "RANCHO SAN FERN." 109

Field NEWHALL - POTRERO Sec. 26 T. 4N R. 17W B&M

A ~~telephone~~ personal conversation was held, concerning above well, with Mr. JUDY SHERMAN

for above operator on 3 - 1 1989 at 1330 M.

Details of the conversation were as follows:

WELL HAS BEEN CONVERTED TO A PRODUCER. NO CASING ALTERATION. WELLHEAD CHANGE ONLY. JUDY SHERMAN WILL SEND LETTER STATING THE DATE OF CONVERTION. NO HISTORY NEEDED.

DAVE FLORES / S. MULQUEEN 4-7-89

DAVE FLORES WILL SEND LETTER REGARDING THE CONVERSION OF THIS WELL TO A PRODUCE. SHOULD BE IN DURING THE WEEK OF 4-10 / 4-14-89.

SPM

(Signed)

Title

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #109, API No. 037-13288,

Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows: Gas Injection

1. Total depth. 11,185' TD

2. Complete casing record, including plugs and perforations:

See Attached.

3. Present producing zone name Seventh Zone in which well is to be recompleted Seventh

4. Present zone pressure 2100# New zone pressure 2100#

5. Last produced N/A (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

or

6. Last injected Feb.1987 (Date) N/A (Water, B/D) 2564 (Gas, Mcf) 1200 (Surface pressure, psig.)

The proposed work is as follows:

Convert well from gas injection to producer. Reverse check, valve on injection line and place well on production.

DIVISION OF OIL AND GAS
RECEIVED
OCT 24 1988
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 WEST RYE CANYON ROAD (Street)
VALENCIA (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION AND PRODUCTION COMPANY (Name of Operator)
By F. E. Armijo (Name) 10/21/88 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 153-265

Los Angeles Calif. March 3 1953

Mr. O A Graybeal
714 West Olympic
Los Angeles 15 Calif.
Agent for SUNRAY OIL CORPORATION

DEAR SIR:

Operations at your well No. 109-7 Sec. 26, T. 4 N, R. 17 W, S B B. & M., "Rancho San Francisco" Newhall-Potrero Field, in Los Angeles County, were witnessed by J F Matthews, Inspector, representative of the supervisor, on February 18, 1953. There was also present S Cristman, Drilling Foreman T Barton, Driller

Casing Record 13-3/8" cem. 316'; T.D. 3150'

Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation

The inspector arrived at the well at 3:00 p.m. and Mr. Cristman reported:

1. A 17-1/2" rotary hole was drilled from surface to 316'.
2. On February 11, 1953, 13-3/8" 54.5 lb. casing was cemented at 316' with 210 sacks of cement.
3. Cement returned to the surface.
4. A 12-1/4" rotary hole was drilled 316'-406' and an 11" rotary hole was drilled 406'-3150'.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar dontrol gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. The controls for the equipment were located outside the derrick.
3. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing belc the equipment.

The inspection was completed at 3:15 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

cc Company

JFM:ES

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Meesser Deputy

44226 5-51 14,250 ⓒ SPO

FORM 111 (1-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

D

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 153-23

Los Angeles 15 Calif. January 6 1953

MR. R E Foss
714 W Olympic Boulevard
Los Angeles 15 Calif.

Agent for SUNRAY OIL CORPORATION

DEAR SIR:

Your proposal to drill Well No. "Rancho San Francisco" 109-7,

Section 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, Los Angeles County,

dated Dec 22 1952, received Dec 31 1952, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:
"The well is 3480.97 feet S. and 7755.26 feet E. from Corner "J"
The elevation of the kelly bushing above sea level is 1165.91 feet.
ground 1152.61
We estimate that the first productive oil or gas sand should be encountered at a depth about _____ feet."

PROPOSAL:
"We propose to use the following strings of casing, either cementing or landing them as here indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls. | 325' | Cemented |
| 7" | 23,26,29 & 32# | J-55, N-80 Smls. | 10,900' | Cemented |
| 5-1/2" | 17# | J-55 Smls. | 11,250' | Landed |

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:
THE PROPOSAL IS APPROVED PROVIDED THAT
1. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed and approved by this division.
2. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS
   (a) To inspect the installed blowout prevention equipment before drilling below 1000'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

cc Company

ERMA:ES

B/A

R. D. BUSH
State Oil and Gas Supervisor

Blanket bond.

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
DEC 31 1952
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13288

6

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. December 22, 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco 109-7", Sec. 26, T. 4 N. FWB R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3480.97 feet N. or S., and 7755.26 feet E. or W. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground or ~~conc. mat~~ above sea level is 1165.91 / 1152.61 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about ..... feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls. | 325' | Cemented |
| 7" | 23,26,29 & 32# | J-55, N-80 Smls. | 10,900' | Cemented |
| 5-1/2" | 17# | J-55 Smls. | 11,250' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By R. E. Foss
R. E. Foss Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

MAP
18A
RWB

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

April 27, 1999

Bradford A. Dewitt, Agent
MEDALLION CALIFORNIA PROPERTIES
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 115,

A.P.I. No. 037-13294, Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated December 23, 1998, received June 19, 1999, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on December 20, 1998.

2. Site inspection made and approved April 13, 1999.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By Patrick J. Kinnear
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

OPERATOR [illegible]
LSE & NO [illegible]
MAP [illegible]

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | drill | alter casing | Abandon | | | |
| NOTICE DATED | 5-19-53 | 9-22-77 | 10/8/98 | | | |
| T-REPORT NUMBER | 153-673 | 2[illegible] | 298-168 | | | |
| [illegible]ED BY/DATE | | | | | | |
| MAP LETTER DATED | | | T-30-99 | | | |
| SYMBOL | | | ✦ | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 5-20-53 | | 9-22-77 | X | 10/14/98 | | | | | | | |
| HISTORY | 9-2-53 | | 11-29-77 | X | 1/19/99 | | | | | | | |
| SUMMARY | | | 11-29-77 | X | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER | | | Neutron CBL 12-21-77 WSO 1-13-78 | | | | | | | | | |
| RECORDS COMPLETE | ✓ | | ✓ | | ✓ | | | | | | | |

ENGINEERING CHECK

T-REPORTS _____
OPERATOR'S NAME _____
WELL DESIGNATION _____
LOC & ELEV _____
SIGNATURE _____
SURFACE INSPECTION 4-13-99
FINAL LETTER OK _____

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____
RELEASED BOND _____

REMARKS: _____

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: **Medallion California Properties** Field: **Newhall-Potrero** County: **Los Angeles**

Well: **"Rancho San Fransico" 115** . Sec. **26** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-13294** Name: **Bradford A. DeWitt** (Person submitting report) Title: **Agent** (President, Secretary or Agent)

Date: **December 23** , 19 **98**

Signature: Bradford A. DeWitt

**5400 Rosedale Highway, Bakersfield, CA 93308** (Address) **(805) 635-0465** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/11/98 | Move in, rig up, guide out rig. Kill well, install B.O.P.. Close in well. |
| 12/12/98 | Open well, pull and lay down 20 joints 2⅞" kill string. Run in hole with open ended 2⅜" tubing, tag fill at 7,861'. Circulate fill from 7,861' to 8,036'. Set tubing at 8,035', mix and pump 111 ft³ 50/50 POZ with 35% silica flour with 5% gel. Pull out of hole. Close in well. (½ tank and pump full of mud and oil.) |
| 12/13/98 | Open well, run in hole, tag cement plug at 7,481', Bruce Hesson, D.O.G.G.R. witnessed. Set tubing at 7,480', pump 248 barrels mud. Pull out of hole laying down tubing, remove B.O.P.. Rig down, move off. |
| 12/17/98 | Shot cavity at 1,100' and perforations at 110'. |
| 12/19/98 | Move in, rig up coiled tubing unit and equipment. Run in hole with 1¼" coiled tubing to 1,100', mix and pump 66 ft³ 35 sacks of 50/50 POZ with 35% silica flour with 5% gel, displace with 1.6 barrels of water. Pull out of hole with tubing. Rig down, move off. Cement in place at 12:30 p.m.. Estimated top of cement at 800'. |
| 12/20/98 | Move in, rig up coiled tubing unit and equipment. Run in hole with 1¼" coiled tubing, tag top of plug at 980'. Pump 33 barrels mud, pull out of hole with tubing. Hook pump up to 7" casing to squeeze cement down to 110' and up to surface pipe. Mix and pump 90 ft³ 47 sacks of 50/50 POZ with 35% silica flour with 5% gel, good cement to surface. Stephen Mulqueen, D.O.G.G.R. witnessed. Rig down, move off. |

19 1999

(DG103)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T299-15

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIF. PROPERTIES
5400 Rosedale HWY.
Bakersfield, CA. 93308

Ventura, California
January 12, 1999

Your operations at well "Rancho San Francisco" 115, API No. (037-13294), Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 12-20-98. Steve Mulqueen, representative of the supervisor, was present from 1000 to 1300. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 311'; 7" cem 10007', perfs 10047' wso, cp 110, 7805', 8060, 8118' & 8220', perfs @ int 7812'-8018', cav shot 1095', 5 1/2" ld 9959'-10432', perfs @ int 10060'-10391'. TD 10437'. Packer @ 9937'. Plugged w/ cem 8220'-7481', 1100'-980' & 110'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY McDaniel WELL NO. RSF 115

API NO. 037-13294 SEC. 26, T. 4N, R. 17W, SB B.&M.

COUNTY LA FIELD Newhall-Potrero

RBDMS DATA ENTERED: 10/19/98
(DATE)

BY: SAT
(NAME)

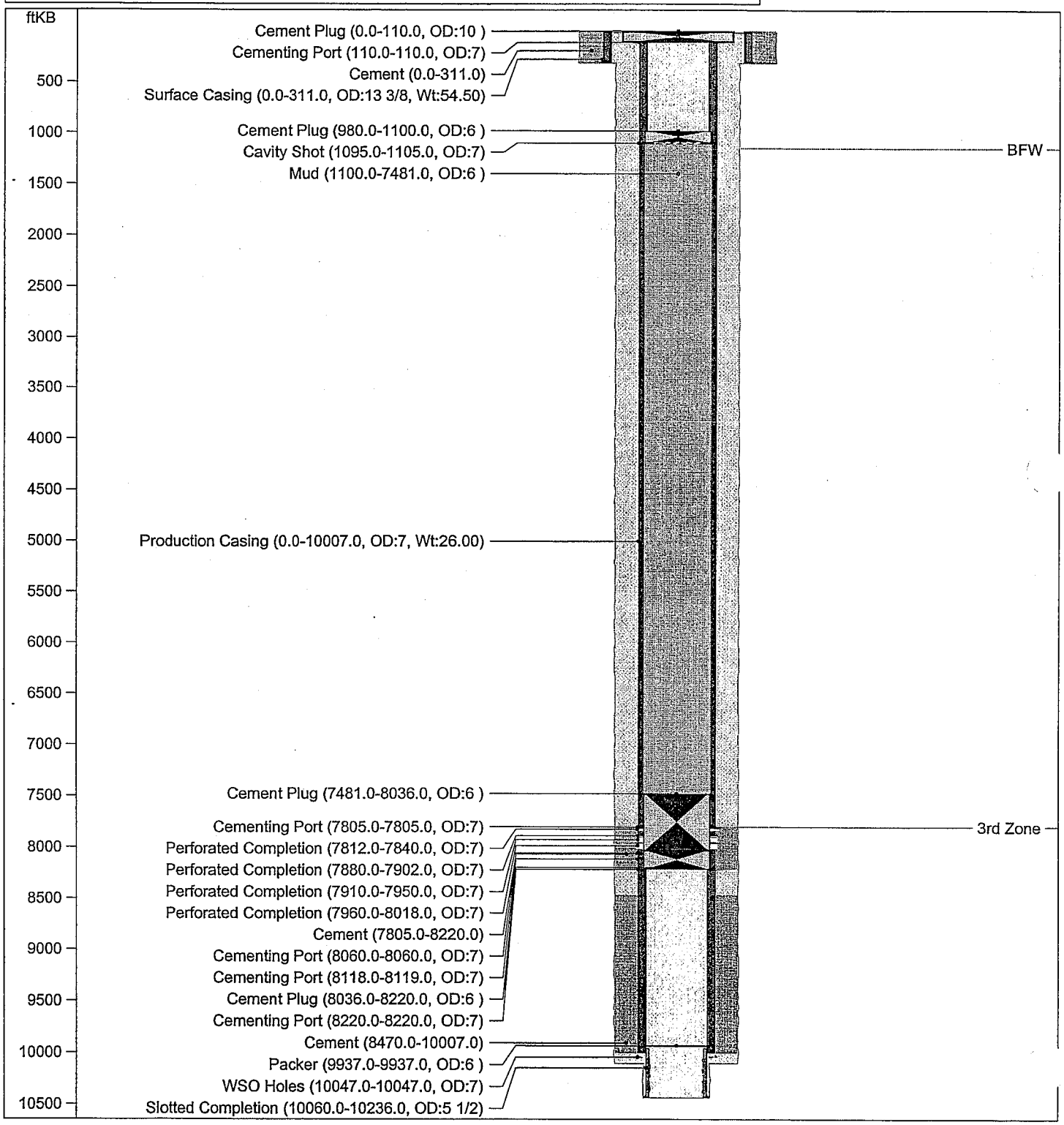
RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

UPDATED 1-5-99 S. MULQUEEN

**WELL CONSTRUCTION DATA ONLY**

| 04037132940000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 115 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 10437.0 ftKB |
| PBTD | 0.0 ftKB |
| Approval Date | 29-May-53 |
| Spud Date | 21-May-53 |
| TD Date | 17-Aug-53 |
| Production Date | 17-Aug-53 |
| Injection Date | |
| P/A Date | 20-Dec-98 |

Division of Oil & Gas Conservation




1/5/99

FAX FAX FAX FAX

From: CLAUDE D. FIDDLER
(805) 397-8540

Date: September 22, 1998

To: STEVE FIELDS
DOGGER-VENTURA
(805) 654-4765

Cover sheet plus _2_ pages

MESSAGE

Steve, Forteberry and I are working on a suite of abandonment's at RSF lease at Newhall-Potrero. One of the wells is the #115. This well was a 6th Zone producer that Sun worked over in October 1977 to a 3rd Zone producer. From the records I have they did not cement off the 6th Zone exposed in the 5 1/2" liner. They put a plug in the model "D" packer at 9937 feet. Put a sand plug on the packer to 9914 feet. They then proceeded to attempt block squeezes at 8220 feet, 8118 feet and 8060 feet without success. They set a cement plug from 8220 feet to 8162 feet and finally got a squeeze job at 8159 feet with TOC to 8036 feet. the did a 100 cu ft squeeze job at 7805 feet, cleaned out to 8036 feet and perforated the 3rd Zone.

I have sent two schematics of the #115 illustrating the present condition of well #115 (figure 1) and a scaled diagram of the well work done between well depth 8220 and 7805 feet. The (a), (b) etc. notations are an attempt to illustrate the sequence of events.

We need your help and advice on: (1) will the well have to be cleaned out to 10,432 feet and the 5 1/2" liner cemented off or will the packer with the plug, sand plug and cement plug from 8220 to 8036 feet be an acceptable abandonment of the 6th Zone? (2) The top of the 3rd Zone at the #115 location is at about -6700 feet or a well depth of 7990 feet (KB elev = 1290 ft). I calculate the height of cement in the 7"casing X 11" hole to be 8313 feet. Will the 100 cu ft squeeze job done in October 1977 be sufficient for the abandonment?

I would like to call you tomorrow and discuss. We are preparing cost estimates for this year's abandonment program. Our deadline is Monday the 28th. The Tulsa folks laid this one on us yesterday

Thanks

03763364

26-4-17

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P298-168

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
-- (new pool code)
05 (old pool code)

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St. Suite 154
Bakersfield, CA 93309-7416

Ventura, California
October 19, 1998

Your _____ proposal to abandon well "Rancho San Fransico" 115, A.P.I. No. 037-13294, Section 26, T. 4N, R. 17W, S.B. B.&M., Newhall-Potrero field, ---------- area, 1-2-3 pool, Los Angeles County, dated 10/8/98, received 10/14/98, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 8036'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs./cu. ft and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. This office shall be consulted before deviating from the proposed abandonment program.
6. Well site restoration is completed within 60 days following plugging and abandonment of the well.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plugs at 7705' ✓ 7481 B12 and 1000'.
   b. To witness the mudding of the well.
   c. To witness the placing of the surface plug inside the 7" casing and the plug in the 7" x 13-3/8" casing annulus.
   d. To inspect and approve the cleanup of the well site before approval of abandonment will be issued.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By [signature]

Patrick J. Kinnear
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operation.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (Modified 1993)

800/00 2-2-3

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☑
BOND ☑
OGD114 ☑
OGD121 ☑

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "Rancho San Francisco" #115 **API No.** 03713294 **Sec.** 26 **T.** 4N **R.** 17W SB **B.&M.**

New Hall - Potrero **Field** Los Angeles **County, starting work on** 10-15-98

***The present condition of the well is***

**1. Total depth:** = 10,432 FT PB DEPTH = 8036 FT.

**2. Complete casing record, with plugs and perforations (present hole):**

13 3/8" 54.5# J-55 CMTD @ 311 FT.
7" 26#, 23# & 29# N-80 & J-55 CMTD @ 10,070 FT. CMT PLUG 8036 - 8220 FT. MODEL "D" PKR W/PLUG 9937' SAND PLUG TO 9914'

**3. Date last produced or injected:** PRE DECEMBER 1990

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**

☐ Yes ☐ No

**The proposed work is as follows:**

→ 7" PERFD 7812' - 7840', 7902' - 7880' & 7910' - 7950'
BLOCK SQZD @ 7805 FT W/100 FT³ CLASS "G" CMT.

5 1/2" 17# J-55 LINER HUNG TO 10,423 FT. PERFED
10,060 - 10,236 FT & 10,275 - 10,391 FT.

SEE ATTACHED PROGRAM

RECEIVED
OCT 14 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 Rosedale Hwy (Street)
Bakersfield (City) CA (State) 93308 (Zip)
Telephone Number (805) - 635-0465 (Area Code) (Number)

Medallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
[signature] (Signature) 10-8-98 (Date)

OG108 (8/97)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 29 1977
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County Newhall-Potrero
Well RANCHO SAN FRANCISCO #115, Sec 26, T 4N, R 17W, SB. B. & M.
A.P.I. No. 037-13294 Name JACK ANDREWS (Person submitting report) Title Agent (President, Secretary or Agent)
Date NOV 28 1977, 19

Signature Jack Andrews

23928 Lyons Avenue, Newhall, CA 91321 (Address) 805-259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1977 | |
| 10-4 | CPS MIRU/pull stop & valve out of Mandrel/pull stndg valve (hanging up 4200-3100)/bld well down/circ lse wtr/rem tree/inst Class II Hyd BOE/ (pull tbg & valves)release from Bkr Mod D Pkr/start POH w/2-7/8 tbg/SIFN. |
| 10-5 | Fin POH/RIH w/Bkr DR plug/latch onto Mod D Pkr 9937/pull 20,000# to ck latch in/ck DR plug w/1,000# for 15 min.; OK/pull up to 9865/fill hole w/lse wtr/ pump 5 sx sd on top of DR plug/POH/RIH w/5-7/8 bit & 7", 32# scrpr/tag sd 9914/start POH/SIFN. |
| 10-6 | FIN POH w/bit & scrpr/Go Int'l ran CBL-neut corr log 9650-6500 (CBL tool not working)/chg CBL tool/would not work; panel in trk bad/(perf for blk sqz @ 8220)/RIH & perf 3 True Jet 22 holes @ 8220/RIH w/Bkr full bore/ set @ 8160/try to break down @ 2,000 psi; bled to 1,500 psi in 3 min./ atmpt to break down @ 3,000#; bled to 2,500# in 3 min./SIFN. |
| 10-7 | RIH w/Bkr FB set @ 8193/(acidize perfs @ 8220)/pmp in 500 gal 12% HCL; 3% HF mud acid/disp w/277 cu. ft. lse wtr to 8220 (1½ hr @ 15 CFM & 3,000#)/ (perf for blk sqz @ 8118)/Go Intl perf 4 Tornado Glasjet charges 8118-8119/ atmpt to pmp @ 3,000#/bled down @ 100 psi per min./rel FB, pull up to 8007/(perf for blk sqz @ 8060)/Go Intl RIH w/Tornado Glasjet to 8060, misfire/ POH/RIH w/new shots/stop @ 3100/POH/all shots loose in gun/rev circ tbg cln/Go Intl perf 4 Tornado Glasjets @ 8060/Howco atmpt to pmp @ 3,000#; bled @ 100 psi per min./SIFN. |
| 10-8 | Set FB 8007/test annulus @ 2,000# for 15 min.; OK/set FB @ 8130/test annulus @ 2,000#; bled 75# per min./test tbg @ 2,000#; bled 75# per min. POH/Schl ran CBL-CCL 9908-6000/(set cmt plug # @ 8220)/RIH w/OE tbg 8220/ Howco pmpd 10 cu. ft. wtr & 40 cu. ft. Class G (0.8% Halad-9), disp w/ 255 cu. ft. lse wtr/pull tbg to 7900/pres csg to 1,000#/SIFN w/1,000#. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
SEP 29 1977
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO 115, API No. 037-13294, Sec. 26, T. 4N, R. 17W, S.B.B. & M., Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.
   10,432
2. Complete casing record, including plugs and perforations:
   13-3/8", 54.5#, surf. csg. cmt. @ 311'.

   7"; 23#, 26#, 29# and 32#; J-55 and N-80 prod. csg. cmt. @ 10,070.
   Est. TOC @ 8587'.

   5½", 17#, J-55 liner hung @ 9959. Bottom @ 10,432', perf'd. with 194 holes/ft (¼" holes undercut to 3/8").
   10,060' - 10,236' and 10,275' - 10,391'.
3. Present producing zone name 6th Zone Zone in which well is to be recompleted 3rd Zone
4. Present zone pressure ± 4175 New zone pressure ± 3150
5. Last produced Current (Date) 9 (Oil, B/D) 2 (Water, B/D) 296 (Gas, Mcf/D)

   or
6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

PLEASE SEE ATTACHMENT

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall, CA 91321 (City) (State) (Zip)
Telephone Number 805-259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By D. J. Van Orden for 9-28-77
(Name) D. J. VanOrden (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 25 1953
LOS ANGELES, CALIFORNIA

037-13294

6

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. May 19, 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. ~~R.S.F.~~ "Rancho San Francisco" 115-6 (Emma), Sec. 26, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County. JFM

Lease consists of

The well is approx. 3480 feet ~~[illegible]~~ S., and 6710 feet E. ~~[illegible]~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ground ~~or~~ kelly bushing above sea level is 1277.64 1288.32 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 300' | Cemented |
| 7" | 23,26,29 & 32# | J-55&N-80 | Smls | 10,125' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 10,425' | Landed |
| | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~[illegible]~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal dg Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18-A JFM | | | | | |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 153-692

Los Angeles
Calif. June 15 1953

Mr. O A Graybeal
714 W Olympic Blvd Calif.
Los Angeles 15 Agent for SUNRAY OIL CORP

DEAR SIR: "Rancho San Francisco"

Operations at your well No. 115-6 Sec. 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by V F Gaede, Inspector, representative of the supervisor, on June 2, 1953. There was also present D Moss, Driller
W Arman, Derrickman

| Casing Record | Junk |
|---|---|
| 13-3/8" cem. 311'; T.D. 3700' | None |

The operations were performed for the purpose of inspecting blowout prevention equipment and installation

The inspector arrived at the well at 2:30 p.m. and Mr. Moss reported:

1. A 17" rotary hole was drilled from the surface to 311'.
2. On May 20, 1953, 13-3/8", 54 lb. casing was cemented at 311' with 200 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 311' to 3700'.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. A Hydril blowout preventer for closing around the 4-1/2" drill pipe.
3. The controls for the equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the equipment.

The inspection was completed at 2:45 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

cc Company

VFG:ES

R. D. BUSH
State Oil and Gas Supervisor

By H Mussen Deputy

44226 5-51 14,250 ② SPO

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 2 1953
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 115-6 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 3479.74' S. & 6709.73' E. from Cor. "J" Elevation of kelly bushing 1290.70 (Corrected) ~~ground or~~ above sea level 1277.64 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date August 21, 1953 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling May 21, 1953 Completed drilling August 17, 1953 Drilling tools Rotary

Total depth 10437' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing August 17, 1953 (date) Flowing/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 929 | 29.6° | 2.0 | 448 | 180 | 740 |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 311' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 200 | -- |
| 7" | 10,070' | " | 23,26,29 & 32# | New | Smls | J55, N80 | 11" | 600 | -- |
| 5-1/2" | 10,432' | 9959' | 17# | New | Smls | J-55 | 5-7/8" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 10060 ft. | 10236 ft. | 192 1/4" Rd.Holes/Foot | 16 | 1" | Shop |
| | 10275 ft. | 10391 ft. | Undercut to 3/8" | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10106', 10435' (Attach Copy of Log)

DIVISION OF OIL AND GAS
RECEIVED
MAY 25 1953
LOS ANGELES, CALIFORNIA

SUNRAY OIL CORPORATION
714 WEST OLYMPIC BOULEVARD
LOS ANGELES 15, CALIFORNIA

May 22, 1953

Division of Oil and Gas
1015 West Olympic Blvd.
Los Angeles 15, Calif.

Gentlemen:

Enclosed herewith is one copy of your Form No. 105, Notice of Intention to Drill New Well, pertaining to our R.S.F. No. 115-6 well in the Newhall-Potrero Field.

Yours very truly,

SUNRAY OIL CORPORATION

T. H. Acres dg
T. H. Acres
Chief Engineer

dg
encl.

FORM 123 (9-48)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 29 1953
LOS ANGELES, CALIFORNIA

## Supplementary Notice

Newhall Calif. May 27, 19 53

DIVISION OF OIL AND GAS

Los Angeles Calif.

Our notice to you dated May 19, 19 53, stating our intention to

drill (Drill, deepen, redrill, abandon) well No. Rancho San Francisco 115-6,

Sec. 26, T. 4 N., R. 17 W., S. B. B. & M. Newhall-Potrero Field,

Los Angeles County, must be amended on account of changed or recently discovered conditions.

The new conditions are as follows:

Approximate location was:
3480' S. and 6710' E. from Corner "J".

Final location is:
3479.74' S. and 6709.73' E. from Corner "J".

We now propose

SUNRAY OIL CORPORATION
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

97666 9-48 8M SPO

dup Pit

Schlumberger

# CEMENT BOND LOG

VDL - CCL

COUNTY LOS ANGELES
Field or LOCATION NEWHALL - POTRERO
WELL N/A
RANCHO SAN FRANCISCO #115-6
COMPANY SUN OIL COMPANY

MEDALLION CALIFORNIA PROPERTIES CO.

COMPANY [redacted]

WELL RANCHO SAN FRANCISCO #115-6

FIELD NEWHALL - POTRERO

037-13294

COUNTY LOS ANGELES STATE CALIFORNIA

DIVISION OF OIL AND GAS
RECEIVED
DEC 21 1977
SACRAMENTO, CALIFORNIA

LOCATION

Sec. 26 Twp. 4N Rge. 17W

Other Services:

Permanent Datum: GL, Elev.
Log Measured From KB, 13 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B.
D.F.
G.L.

| | | | |
|---|---|---|---|
| Date | 10-7-77 | Casing Fluid | WATER |
| Run No. | ONE | Fluid Level | FULL |
| Depth — Driller | 9914 | Max. Rec. Temp. | - °F |
| Depth — Logger | 9998 | Est. Cement Top | 8468 |
| Btm. Log Interval | 9990 | Unit / District | 7774 / 4401 |
| Top Log Interval | 6000 | Recorded By | SHELL |
| Open Hole Size | 11 | Witnessed By | SMITH |

| CASING REC. | Size | Wt/Ft | Grade | Type Joint | Top | Bottom |
|---|---|---|---|---|---|---|
| Surface String | 13-3/8 | 54.5 | | | SFC | 311 |
| Prot. String | | | | | | |
| Prod. String | 7 | 23 - 32 | | | | 10070 |
| Liner | 5-1/2 | 17 | | | 9959 | 10432 |

PRIMARY CEMENTING DATA

| STRING | Surface | Protection | Production | Liner |
|---|---|---|---|---|
| Vol. of cement | | | | |
| Type of cement | | | | |
| Additive | | | | |
| | | | | |
| Retarder | | | | |
| | | | | |
| Wt. of slurry | | | | |
| Water loss | | | | |
| Type fluid in csg. | | | | |
| Fluid wt. | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

May 14, 2001

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 118,

A.P.I. No. (037-13296), Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated March 1, 2001, received March 26, 2001, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 9, 2001.

2. Site inspection made and approved April 30, 2001.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

tkc

OG159 (4/98)

# FLO-LOG INC.

TEMPERATURE AND NOISE LOG

COMPANY SUN EXP. & PRODUCTION CO.
WELL NO. RSF #118-7
FIELD NEWHALL POTRERO
COUNTY LOS ANGELES STATE CA.
DATE 03-17-86

PURPOSE OF SURVEY
CHECK FOR GAS MIGRATION AT TOP PERF OR PACKER.

| | | | |
|---|---|---|---|
| ERMANENT DATUM | 13'K.B. | ELEVATION | 1199'K.B. |
| OG MEASURED FROM | 13'AGL. | CORRECTED TO | PACKER |
| OTAL DEPTH | 10,414' | OBSERVED DEPTH (Pickup) | 10,038' |
| OP OF LOGGED INTERVAL | 5600' | BOTTOM LOGGED INTERVAL | 10,038' |
| PE OF FLUID IN HOLE | GAS | FLUID LEVEL | N/A |
| OG RECORDED BY | HELMS | WITNESSED BY | S.MORELAND |

WELL STATUS SHUT IN GAS INJECTOR

CASING AND TUBING RECORD

| Size | Weight | From | To |
|---|---|---|---|
| ' | 23-29# | 0 | 10,112' |
| 5-1/2" | 17# | 10,093' | -10,414' |
| | | | |
| | | | |

| Pressure | Producing | Injecting | Shut-in |
|---|---|---|---|
| TBG | | | 2100 |
| CSG | | | 2100 |

INJ. RATE TYPE
OBS. RATE

METERED PRODUCTION RATES: Oil Gravity: °API; Water; Gas

| | |
|---|---|
| UBING | 2-3/8" @ 9600,10,350' |
| ACKER(S) | 9569'& 10,050' |
| ANDREL(S) | NONE |
| ERFORATIONS | 9397'-9705' @ INT. |
| | 10,115'-10,335'SLOTS |
| BOTTOM TEMPERATURE | 214° |
| OGGING UNIT | 711 |
| LINE SIZE | 3/16" |
| LINE LENGTH | 18,050' |
| OOLS USED | 1(5')BAR,COLLAR LOCATOR,TEMP,NOISE TOOL |
| OOL NUMBERS | |
| IAMETER | 1-3/8" |

ESULTS AND REMARKS: PACKER AT 9578' MAY BE LEAKING GAS UP TO PERFS AT 9400'. NOISE AND TEMPERATURE ACTIVITY AROUND 7350' MIGHT INDICATE GAS LEAKAGE OUT A HOLE HERE.

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SCHLUMBERGER

# Directional Log

(COMPUTED)

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL POTRERO 26 - 4N - 17W
WELL R. S. F. NO. 118-7
COMPANY SUNRAY OIL CORP.

COMPANY ~~SUNRAY OIL~~ Sun Oil Co
037-13296 CORPORATION
WELL R. S. F.
NO. 118-7
FIELD NEWHALL POTRERO
LOCATION 26 - 4N - 17W
COUNTY LOS ANGELES
STATE CALIFORNIA

Location of Well

Keep in File

Elevation: D.F.:
K.B.:
or G.L.:

FILING No.

FOLD HERE

| RUN No. | 1 |
|---|---|
| Date | 10-9-53 |
| First Reading | 10113 |
| Last Reading | 305 |
| Feet Measured | 9808 |
| Csg. Schlum. | 305 |
| Csg. Driller | 305 |
| Depth Reached | 10114 |
| Bottom Driller | 10110 |
| Depth Datum | Kelly B. |
| Mud Nat. | Oil Emul |
| " Density | 77 |
| " Viscosity | 55 |
| Max. Temp. °F | 177° F. |
| Bit Size | 11" |
| Depth intervals between shots | 200 ft. |
| P.C. No. | 226 |
| Opr. Rig Time | 2¼ hrs. |
| Truck No. | NH-1720 |
| Recorded By | JPound |
| Witnessed by | Volkner |

DIVISION OF OIL AND GAS
RECEIVED
JAN -6 1978
SANTA PAULA, CALIFORNIA

[redacted] RVEYING CORPORATION
EXAS

SCHLUMBERGER

# ELECTRICAL LOG

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL POTRERO 26 - 4N - 17W
WELL R.S.F. NO. 118-7
COMPANY SUNRAY OIL CORP.

MEDALLION CALIFORNIA PROPERTIS CO.
037-13296 [redacted] CORPORATION

WELL R. S. F.
NO. 118-7

FIELD NEWHALL POTRERO

LOCATION 26 - 4N - 17W

COUNTY LOS ANGELES

STATE CALIFORNIA

ocation of Well

ES + IND
(DR)

Elevation: D.F.:
K.B.:
or G.L.:

FILING No.

| RUN No. | 1 | 2 | 1 IND |
|---|---|---|---|
| Date | 10-9-53 | 10-10-53 | 10-22-53 |
| First Reading | 10113 | 10177 | 10418 |
| Last Reading | 305 | 10113 | 10177 |
| Feet Measured | 9808 | 64 | 241 |
| Csg. Schlum. | 305 | ----- | 10112 |
| Csg. Driller | 305 | 305 | 10112 |
| Depth Reached | 10114 | 10178 | 10418 |
| Bottom Driller | 10110 | 10178 | 10416 |
| Depth Datum | K.B. | K.B. | K.B. |
| Mud Nat. | Oil Emul | Oil Emul | Ken Oil |
| " Density | 77 | 77 | 80 |
| " Viscosity | 55 | 55 | 230 |
| " Resist. | 1.3@ 95°F | 1.4@ 94°F | ∞ at-°F. |
| " Res. BHT | .80@177°F | .80@179°F | ∞ at-°F. |
| " pH | 8.5@ 95°F | 8.0@ 94°F | - at-°F. |
| " Wtr. Loss | -- CC 30 min. | 7.3CC 30 min. | -CC 30min. |
| Max. Temp. °F | 177°F. | 179°F. | 170°F. |
| Bit Size | 11" | 11" | 11"+6" |
| Spcgs. AM | 16"-M | 16"-M | 27" Coil |
| AO-- | 10 | 10 | Mono |
| AO.. | 19 | 19 | |
| Opr. Rig Time | 2½ hrs. | 2½ hrs. | 2½ hrs. |
| Truck No. | NH-1720 | NH-1732 | NH-1733 |
| Recorded By | JPound | HBarbarick | JPound |
| Witness By | Volkner | Murphy | Williams |

FOLD HERE

REMARKS Hole Size:
Run 1 11" - 10113
Run 2 11" - 10178
Run 1 IND 11" - 10177
6" - 10416

Films Used:
Run 1 305 - 9972
Run 2 9972 - 10178
Run 1 IND 10178 - 10418

OPERATOR Sun
WELL NO. "RSF" 118
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| TENTION | conv to Gas Prod | plug & abandon | | | | |
| NOTICE DATED | 6-17-88 | — | | | | |
| P-REPORT NUMBER | 288-262 | 200-268 | | | | |
| CHECKED BY/DATE | 1-14-89 | SM 1-18-01 | | | | |
| MAP LETTER DATED | SPM 1-11-89 | 1-20-01 | 1-29-05 | | | |
| SYMBOL | * | * | * | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 6-17-88 | | [illegible] | | | | | | | | | |
| HISTORY | 12-13-88 | | 3/26/01 | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | — | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | — | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. | | 4-30-01 | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE ~~SPM~~ 1-11-89 EDP OK BH

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD
L RELEASED FROM CONFIDENTIAL

REMARKS:

Submit In Duplicate
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# Division of Oil, Gas and Geothermal Resources

## History of Oil or Gas Well

Operator **Medallion California Properties Co.** Field **Newhall-Potrero** County **Los Angeles**

Well **"Rancho San Francisco" 118** Sec. **26** . T **4N** . R **17W** , **S.B.** B. & m.

A.P.I. no. **037-13296** Name **Alex Iwasiw** (Person submitting report) Title **Agent** (President, Secretary or Agent)

**March 1** , 20 **01**

Signature

**26835 W. Pico Canyon Road Newhall, Ca. 91321** (Address) **(661) 254-2856** (Telephone number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 11-22-00 | Move in all equipment. Kill well. Rig up, install B.O.P.E. and work floor. Guy out, unset packer; unable to pull tubing (no slip type elev.). Close well in. |
| 11-27-00 | Open well. Pull out of hole with 192 joints of 2⅜″ casing hydril tubing. Found tubing parted at 192 joints. Lower down parted joint and run in hole with 191 joints of 2⅜″ tubing and land on hangar and secure. Nipple down B.O.P.E. Rig down, move off. Close well in. |
| 12-04-00 | Move rig and equipment; inspect location. Move in, rig up. Guy out rig. Change pipe rams from 2⅞″ To 2⅜″. Nipple up B.O.P.E. Rig up working floor. Unload rig tools, unland and lower down tubing hangar. Pull out of hole and lower down 191 joints of 2⅜″ tubing. Change pipe rams to 2⅞″. Move up and run in hole with 5¾″ over shot with 2¾″ grapple and extension, bumper sub, 6' 2⅞″ PUP and 19 joints of 2⅞″ tubing to 643′. Secure rig and well. |
| 12-05-00 | Open well and continue to pull up and run in hole from 643′ with 2⅞″ tubing and B.H.A. to 6,065′. 197 joints T.O.F. at 6,065′. Work over and engage fish. Work fish at 20,000 over and attempt to release packer with several attempts with no success. Secure rig and well. |
| 12-06-00 | Open well, rig up MMI wireline. Run in hole with free point and central collar locator to 6,004′. Work tools pass 6,004′ and continue to run in hole. Tools stopped at 7,395′. Unable to work pass 7,395′. Pull out of hole and lower down central collar locator and free point. Run in hole with 1⅜″ sinker bars to 7,395′. Work sinker bars and attempt to work pass 7,395′, with no success. Pull out of hole and lay down sinker bars. Run in hole with jet cutter and central collar locator and cut tubing at 7,385′. Pull out of hole and lay down tools. Rig down wireline and work tubing at 32,000 over string weight; tubing separated. Pull out of hole with 197 joints of tubing. Release fish from 0 / S and lower down tools. Pull out of hole and lower down 46 joints of 2⅜″ J-55 casing. Run in hole with 2⅞″ 5/T coupling and 110 joints of 2⅞″ tubing to 3,364′. Secure rig and well. |
| 12-07-00 | Open well and continue to run in hole from 3,364′ to 7,385′. Call D.O.G.G.R. Bruce Hesson of D.O.G.G.R. waived witness of cement plug at 7,385′. Tubing at 7,385′; mix and pump 66 ft³ "35 sacks" of 50/50 poz with 35% silica flour and 4% gel. Displace 41 barrels of water to 7,085′. Estimate theoretical top of cement at 7,085′. Pull out of hole with 60 joints of 2⅞″ tubing to 5,537′. Secure rig and well. |

RECEIVED
MAR 26 2001

(DG103)

| | |
|---|---|
| 12-08-00 | Open well and run in hole with 2⅞″ tubing from 5,537′. Tag top of cement at 7,025′. Pull out of hole and lower down excess tubing. Tubing at 7,021′. Pump 80 barrels (10.3 p.p.g. mud) to 4,990′. Pull out of hole and lower down excess tubing; tubing at 5,839′. Rig up MMI wireline with link jets to 5,908′ and shoot from 5,908′ to 5,900′ with 4 x ½″ jet holes per foot. Pull out of hole and rig down wireline. Establish injection rate at 2 barrels per minute at 200 p.s.i. Run in hole with tubing to 5,907′ = 192 joints and 6′ p.u.p.; tubing at 5,908′. Mix and pump 88 ft³ of 50/50 poz with 35% silica flour and 4% gel. Displace with 32 barrels of water and pull out of hole with tubing to 4,658′. Fill hole = 3 barrels. Down squeeze 8 barrels of water at 2 barrels per minute at 150 p.s.i. Theoretical top of cement at 5,706′. Secure rig and well. |
| 12-11-00 | Open well and fill casing with 2 barrels. Pressure test casing to 500 p.s.i. for 5 minutes. Test OK. Run in hole with 2⅞″ tubing. Tab top of cement at 5,807′ = 189 joints. Excess tubing; tubing at 5,806′. Pump 185 barrels (9.3 p.p.g. mud) to 1,100′. Pull out of hole and lay down tubing. Load rig tools and tear out work floor. Nipple down, B.O.P.E. Install tubing hangar with shut in valve and secure hangar. Shut in well. Rig down, move off. |
| 12-19-00 | Shot link jet at 1,100′. |
| 12-21-00 | Move in, rig up. Run in with coil tubing to 1,100′. Fill casing (12 barrels of water). Establish circulation. Close well in. Down squeeze perforating and break down 3,200 - 2,400 p.s.i. at 2 barrels per minute. Mix and pump 82 ft³ "43 sacks" of cement with 50/50 poz with 35% silica flour and 4% gel. Displace coil and pull to 750′. Close well in and down squeeze cement with barrels of water. Pull out of hole with coil. Cement job witnessed by Steve Malqueen of D.O.G.G.R. Rig down, move off. |
| 12-22-00 | Move in, rig up. Run in with coil tubing and tag cement at 915′. Establish circulation with mud. Pump 32 barrels (9.6# + mud) from 916′ to 100′. Displace coil and pull out of hole. Tag witnessed by Steve Malqueen of D.O.G.G.R. at 10:50 a.m. Rig down, move off. |
| 12-26-00 | Shot link jet at 100′. |
| 01-09-01 | Move in, rig up. Equipment pump down 7″ easing with water. Establish circulation with 5 barrels. Mix and pump 117 ft³ "101 sacks" of "G" neat cement; 7″ and 13⅝″ both full. Cement job witnessed and approved by Steve Malqueen of D.O.G.G.R. at 1:20 p.m. Cement in place at 1:30 p.m. Well ready for surface work. Rig down, move off. Weld on plate; backfill and clean location. Complete site restoration. |
| 02-08-01 | Dig out and cut off well head 5" below ground level. |
| 02-09-01 | D.O.G.G.R. representative Ann Andrele witnessed and approved surface plug. Weld on plate, backfill, clean location and complete site restoration. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T201-12**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 24, 2001

Your operations at well **"Rancho San Francisco" 118,** API No. **037-13296,** Sec. **26**, T. **4N**, R.**17W**, S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **01-9-2001. Steve Mulqueen,** representative of the supervisor, was present from **1300** to **1400**. There were also present **Alex Iwasiw.**

Present condition of well: **13 3/8" cem 305'; 7" cem 10112', perf 9379' & 10072' wso, cp 100', 1100' & 5900'; 5 ½" ld 10093'-10414', perf 9397'-9705' & 10115'-10335'. TD 10416'. Junk below 7385'. Packer @ 10050'. Plugged w/ cem 7385'-7025', 5907'-5807', 1100'-915' & 100'-5'.**

**The operations were performed for the purpose of abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

P200-268

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

$500.00 6th/7th

35/40

File In Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | 100,000 | ✓ | ✓ |

## DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 118, API No. 04-037-13296,

Sec. 26 T. 4N, R. 17W, S. B. B. & M., Newhall Potrero Field, Los Angeles County,

commencing work on November 27, 20 00.

The present condition of the well is:

1. Total Depth **See Attached Program**
2. Complete casing record, including plugs and perforations (present hole)

   **See Attached Program**

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last Injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? [ ] Yes [X] No

The proposed work is as follows:

**SEE ATTACHED PROGRAM**

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 26835W. Pico Canyon Road (Street)
Newhall, CA 91321 (City) (State) (Zip)

Telephone Number (661) 254-2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

(Signature) (Date)

November 21, 2000

**Medallion California Properties, Inc.**
**Well: RSF No. 118**
**API No.: 037-13296**
**Sec 26, T 4N, R 17W**
**Abandonment Program**
**Field: Newhall Potrero**

**Background**

The well was drilled and completed in the 7th zone in 1953. The well produced on gas lift until 1994. In June of 1954 the well was converted to gas injection. In 1962 the well was perforated in the 6th zone and produced as a dual zone producer. The well was idled in 1994.

Medallion California Properties now proposes to abandon this well.

**Mechanical Condition**

**T.D.:** 10,416'

| | | |
|---|---|---|
| **Casing:** | **13-3/8", 54.5# csg** | 0' - 305', cmt'd w/ 190 sax |
| | **7", 23#, 26#, 29# csg** | 0' – 10,112', cmt'd w/ 600 sax (calc'd TOC @ 8,202') |
| | **5-1/2", 17# lnr** | 10,093'-10,414', hung |

Note: Baker Model "D" packer at 10,050'

**W.S.O.:** WSO at 10,072' and at 9,379'

**Effective Perforations:** 10,115'- 10,335' 192 ¼" holes per foot
9,397' – 9,705' 4 ½" holes per foot

**Fish:** None

**Elev:** All depths refer to K.B. measurements, 13' above the mat

**Work Program**

1. MIRU service rig, install BOPE, pickup 2-7/8" tubing, RIH to 10,414' ±.

2. Rig up cementers. Mix and pump sufficient volume of 50/50 Pozmix cement to fill from 10,414' ± to 10,053'±.

3. Pull tubing to top of packer.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #118T, API No. 037-13296,

Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows: Gas Flowing

1. Total depth. 10,416' TD

2. Complete casing record, including plugs and perforations:

   See Attached.

DIVISION OF OIL AND GAS
RECEIVED
JUN 17 1988
VENTURA, CALIFORNIA

3. Present producing zone name Seventh Zone in which well is to be recompleted Seventh
4. Present zone pressure 2400# New zone pressure 2400#
5. Last produced N/A (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

   or

6. Last injected N/A (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

To convert well from gas injection to gas producer.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 WEST RYE CANYON ROAD (Street)
VALENCIA (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION AND PRODUCTION COMPANY (Name of Operator)
By F. E. Armijo (Name) 6/17/88 (Date)
F. E. ARMIJO
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 157

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North La Brea Avenue
Inglewood, California

December 18, 1961

Mr. J. O. McDonald
Route 1, Box 128
Newhall, California
Agent for SUNRAY MID-CONTINENT OIL CO.

*Notice to alter casing of well.

DEAR SIR:

Your request dated October 27, 1961 *, relative to change in designation of well (x) in Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero field, Los Angeles County, District No. 1, has been received; and in accordance with Section 3203, Public Resources Code, reading in part as follows:

> "* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

Well No. "Rancho San Francisco" 118-7 will hereafter be known as your well No. "Rancho San Francisco" 118-6,7 .

| CORRECTIONS MADE AS FOLLOWS: | BY WHOM |
|---|---|
| FORM 114 | |
| " 115 | |
| " 121 | |
| " 122 | |
| CARDS | |
| PRODUCTION REPORTS | |
| WELL RECORDS | |
| FIELD MAPS 12-26-61 | R.B.Z. |
| MAP BOOK 12-26-61 | R.B.Z. |

eb
CC- Mr. E. H. Musser
Prod. Dept.
Conservation Committee

E. H. MUSSER
*State Oil and Gas Supervisor*

By [signature]
*Deputy Supervisor*

SPO

FORM 107

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

THIS NOTICE MUST BE GIVEN BEFORE WORK BEGINS; ONE COPY ONLY

Newhall Calif. October 27 1961

DIVISION OF OIL AND GAS

Inglewood Calif.

| MAP | [illegible] | [illegible] | BOND | FORMS | |
|---|---|---|---|---|---|
| | | | | [illegible] | [illegible] |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. Rancho San Francisco (#118-7) 118-6,7, Sec. 26, T. 4N, R. 17W, S.B. B. & M. Newhall - Potrero Field, Los Angeles County.

(CROSS OUT UNNECESSARY WORDS)

The present condition of the well is as follows:

1. Total depth. 10,416'

2. Complete casing record.
   13 3/8" 54.5# J-55 ST&C Csg cmt'd @ 305' w/190sx
   7" 23#, 26# & 29# P-110 & N-80 LT&C Csg cmt'd @ 10,112' w/600sx
   4-holes @ 10,072' W.S.O.
   5 1/2" 17# J-55 F.J. liner hung @ 10,414' with top @ 10,093'
   Perforated from 10,115' to 10,335' with 192 - 1/4" round holes per ft

3. Last produced. Gas Injection Well
   (DATE) (NET OIL) (GRAVITY) (CUT)

The proposed work is as follows:

1. Kill well
2. Shoot 4 holes at 9379' for W.S.O. test
3. Run straddle tester for W.S.O. test
   a. Use 1000' of water cushion
   b. Leave open one hour
   c. Notify D.O.G. to witness
4. Shoot 4 holes per ft 9397-9433'; 9442-9495'; 9502-9520'; 9620-9[illegible]05'
5. Set Model 'D' packer at 10,050'
6. Set retrievable packer at 9370'
7. Complete well to selectively inject in 6th & 7th zones
8. Well will henceforth be known as R.S.F. #118-6,7

SUNRAY MID-CONTINENT OIL COMPANY
(NAME OF OPERATOR)

By J. D. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18

100.
ORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 4 - 1953
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 118-7 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 3976.00' S. & 5988.10' E. from Cor. "J" Elevation of kelly bushing 1198.87 ground ~~or~~ ~~concrete mat~~ above sea level 1185.82 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date October 29, 1953 Signed O. A. Graybeal Jr.

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling August 22, 1953 Completed drilling October 23, 1953 Drilling tools Rotary

Total depth 10416' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing October 24, 1953 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 187 | 28.9° | 0.3 | 88 | 130 | 780 |
| Production after 30 days | | | | | | |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 305' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 190 | -- |
| 7" | 10112' | Surface | 23,26&29# | New | Smls | N-80&P110 | 11" | 600 | -- |
| 5-1/2" | 10414' | 10093' | 17# | New | Smls | J-55 | 5-7/8" | -- | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 10115 ft. | 10335 ft. | 192 1/4" round holes/ft. | 16 | 1" | Shop |
| | ft. | ft. | undercut to 3/8" | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10110', 10178', 10416' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
NOV 4 - 1953
LOS ANGELES, CALIFORNIA

OPERATOR Sunray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco 118-7, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date October 29, 1953 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1953 | |
| 8/22 | Spudded in with 12-1/4" bit. Drilled ahead to 698'. |
| 8/23 | Opened hole to 17-1/2" to 305'. Ran 13-3/8" 54.5# J-55 casing. Cemented shoe at 305' with 190 sacks Colton Construction cement containing 2-1/2% gel. |
| 8/24 | Found top of cement at 291', shoe at 305'. Drilled ahead with 11" bit. |
| 10/9 | Total Depth 10110'. 1st Run Schlumberger Electric Log to 10110'. |
| 10/10 | Drilled ahead with 11" bit to 10178'. 2nd Run Schlumberger Electric Log to 10178'. |
| 10/11 | Ran 7" 23#, 26# and 29# N-80 and P110 casing. Cemented shoe at 10112', float collar at 10026' with 600 sacks Colton Hi-Temp cement. |
| ,13 | Found top of cement at 9520'. Drilled out with 6" bit and reamer to 10100'. Found float collar at 10024'. Shot four 3/8" holes at 10072' with McCullough Bullet Gun. Ran Johnston Formation Tester with packer at 10040', tail to 10058', 1000' mud cushion, 1/2" bean. Tester open one hour. Had puff, then dead remainder of test. Recovered 10' net rise of drilling fluid. W.S.O. approved by Borkovich of the Division of Oil and Gas. |
| 10/15 | Drilled out to 10178' with 6" bit. Found shoe at 10112'. Changed over from clay-base mud to Ken oil. |
| 10/16 | Cored ahead with 5-7/8" core head. |
| 10/22 | Total Depth 10416'. 3rd Run Schlumberger Electric Log, Induction and Mono-Electrode to 10416'. Ran 5-1/2" 17# J-55 F.J. liner to 10414', hanger at 10093'. Perforated with 192 1/4" round holes per foot from 10115' to 10335'. |
| 10/23 | Ran 2-1/2" tubing to 10320'. Changed over from Ken oil to oil and completed well. |

J.W.H.

105.
CALIFORNIA STATE PRINTING OFFICE

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 10 1953
LOS ANGELES, CALIFORNIA

037-13296

## Notice of Intention to Drill New Well 12

This notice must be given and surety bond filed before drilling begins

Newhall Calif. August 4, 1953

DIVISION OF OIL AND GAS

Los Angeles Calif. 18A 8-12-53 8-12-53

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 118-7, Sec. 26, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3976.00 feet ~~XXXX~~ S., and 5988.10 feet E. ~~XXXX~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground ~~xx~~ ~~concrete~~ above sea level is 1198.87 Est. / 1185.82 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 10,030 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 300 | Cemented |
| 7" | 23#,26#,29#,32# | J-55,N-80 Smls | 10030 | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10480 | Hung |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~XXXXXXXXXXXXXXXXXXXXXXXX~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

May 14, 2001

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 119,

A.P.I. No. (037-13297), Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated February 20, 2001, received March 26, 2001, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on December 26, 2000.

2. Site inspection made and approved April 30, 2001.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

tkc

OG159 (4/98)

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator **Medallion California Properties Co.** Field **Newhall-Potrero** County **Los Angeles**

Well **"Rancho San Francisco" 119** Sec. **26** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-13297** Name **Alex Iwasiw** (Person submitting report) Title **Agent** (President, Secretary or Agent)

Date **February 20,** , 20 **01**

Signature

**26835 W. Pico Canyon Road Newhall, CA 91321** (Address) **(661) 254-2856** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 11-14-00 | Move in rig up, guy out. Install B.O.P.E. Pull out of hole with tubing. Close well. |
| 11-15-00 | Open well. Run in hole with 2⅞″ tubing, tag clean-out at 11,543′. Pull high, close well. |
| 11-16-00 | Open well. Set tubing at 11540′, pump 50 barrels of water ahead. Mix and pump 100 ft³ of 50/50 poz with 35% silica flour and 4% gel. Cement flashed, unable to pull free. Pumped 31 barrels of water to try to clear tubing. Tubing pressured up. C/O at 11,543′ D.O.G.G.R. notified Ann Andrele. Close well. |
| 11-17-00 | Open well. Move in rig up wireline. Tag inside tubing at 10,150′. Run in hole with 2⅛″ jet cutter, cut tubing at 10,150′. Rig down wireline, move off. Set tubing at 10,149′. Mix and pump 35 ft³ 50/50 poz with 35% silica flour and 4% gel. Displace 44 barrels of water and pull 30 stands. Close well. |
| 11-20-00 | Open well. Rig in hole, tag cement and plug at 10,030″. Witnessed by Bruce Hesson at D.O.G.G.R. Pump 72 barrels of mud from 10,030′ @ 8,200′ with 4½″ j.s.p.f. Pull and lay down 63 joints of 2⅞″ tubing. Move in, rig up wireline, shoot casing perforation at 8,200′. Rig down, wireline move off. Set tubing at 8,200′. Mix and pump 39 ft³ of 50/50 poz with 35% silica flour and 4% gel. Pull 10 stands. Close well. |
| 11-21-00 | Open well. Run in hole, tag cement plug at 8,010′. Witnessed by Bruce Hesson of D.O.G.G.R. Witnessed mud at 10.2# by Bruce Hesson of D.O.G.G.R. Pump 272 barrels of mud from 8,010′ to 1,100′. Pull out of hole and lay down tubing.. Close well. |
| 11-22-00 | Remove B.O.P.E. Take down guy lines. Rig down. Close well. Clean location. Move all equipment off location. |
| 12-18-00 | Move in, rig up wireline. Run in hole with 4½″ j.s.p.f., fire @ 1,100′. Pull out of hole with line. Rig down, move off. |
| 12-19-00 | Move in, rig up coiled tubing unit and equipment. Run in with coiled tubing to 1,100′, establish circulation. Close well and down squeeze 2 barrels of water per minute at 1,600 p.s.i. Mix and pump 82 ft³ of (43 sacks) 50/50 poz with 35% silica flour and 4% gel. Displace coil and pull to 750′. Close well in and down squeeze with 8 barrels of water. Theoretical top of cement at 900′ ±. Cement in place at 9:40 a.m. Rig down, move off. Depth of 1,100′, cement and squeeze job witnessed by Steve Malqueen of D.O.G.G.R. |
| 12-20-00 | Move in, rig up coiled tubing unit and equipment. Run in with coiled tubing at 919′, witnessed by Steve Malqueen of D.O.G.G.R. Pump 32.2 barrels (9.6# weight), also witnessed by Steve Malqueen of D.O.G.G.R. Displace coil and pull out of hole. Rig down, move off. |

(DG103)

MAR 26 2001

| | |
|---|---|
| 12-26-00 | Move in, rig up wireline. Run in hole with 4½" j.s.p.f., fire @ 1,100'. Pull out of hole with line. Move in, rig up pump. Fill casing (6 barrels), mix pump 116ft³, "100 sacks" of "G Neat" cement, good slurry to surface in 13⅝ and 7" standing full. Rig down, move off. Job ready for surface work. Cement job witnessed by Ann Andrele of D.O.G.G.R. at 3:45 p.m. Rig down, move off. |
| 1-22-00 | Dig out cement and casing. |
| 2-8-00 | Cut off casing. |
| 2-9-00 | Cement well. Cut out and weld plate and post; witnessed by Ann Andrele of D.O.G.G.R. Back fill and clean location. Complete site restoration. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T201-19**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 25, 2001

Your operations at well **"Rancho San Francisco" 119,** API No. **037-13297,** Sec. **26,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall-Potrero** Field, in **Los Angeles** County, were witnessed on **12-26-2000. Anneliese Anderle,** representative of the supervisor, was present from **1500** to **1600.** There were also present **Alex Iwasiw.**

Present condition of well: **13 3/8" cem 324'; 7" cem 11,146', cp @ 100', 1100' & 8200', wso perf @ 11,115'; 5 ½" ld 11,095'-11,566', perf @ int 11,133'-11,565'. TD 11,568'. Junk: 2 7/8" x 2 3/8" tbg 10,150'-11,543'. Plugged w/ cem 10,149'-10,030, 8200'-8010', 1100'-919' & 100'-5'.**

**The operations were performed for the purpose of abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

P200-263

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | 100,000 | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 119, API No. 04-037-13297, Sec. 26 T. 4N, R. 17W, S. B. B. & M., Newhall Potrero Field, Los Angeles County, commencing work on November 13, 20 00.

The present condition of the well is:

1. Total Depth **See Attached Program**
2. Complete casing record, including plugs and perforations (present hole)

   **See Attached Program**

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? [ ] Yes [X] No

The proposed work is as follows:

**SEE ATTACHED PROGRAM**

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 26835W. Pico Canyon Road (Street)
Newhall, CA 91321 (City) (State) (Zip)

Telephone Number ( 661 ) 254 - 2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

[signature] 11-9-00 (Signature) (Date)

**Medallion California Properties, Inc.**
**Well: RSF No. 119**
**API No.: 037-13297**
**Sec 26, T 4N, R 17W**
**Abandonment Program**
**Field: Newhall Potrero**

**Background**

The well was drilled and completed in the 7th zone in 1953. The well produced on gas lift until 1994. In December of 1994 the downhole production equipment was change out to allow the well to be produced on rod pump. The well was produced on rod pump but did not achieve the expected production. The well was idled in February of 1995.

Medallion California Properties now proposes to abandon this well.

**Mechanical Condition**

**T.D.:** 10,521'

**Casing:**

| | | |
|---|---|---|
| **13-3/8", 54.5# csg** | 0' - 324', cmt'd w/ 210 sax | |
| **7", 23#, 26#, 29#, 32# csg** | 0' – 11,146', cmt'd w/ 600 sax (calc'd TOC @ 9343') | |
| **5-1/2", 17# lnr** | 11,095'-11,566', hung | |

**W.S.O.:** WSO at 11,115'

**Effective Perforations:** 11,133'- 11,565' 192 ¼" holes per foot

**Fish:** None

**Elev:** All depths refer to K.B. measurements, 13' above the mat

**Work Program**

1. MIRU service rig, install BOPE, pickup 2-7/8" tubing, RIH to 11,566' ±.
2. Rig up cementers. Mix and pump sufficient volume of 50/50 Pozmix cement to fill from 11,566' ± to 10,995'±. POOH with tubing.
3. Contact CDOGGR to witness hardness and location of plug.
4. Mud well with 72# clay base abandonment mud from 10,995' ± to 8,200' ±. Mudding to be witnessed and approved by CDOGGR.

5. Open well, RIH with cavity shot or perforating jets to 8,200'± and detonate.

6. Rig up cementers. Mix, pump and squeeze (if necessary) sufficient volume of 50/50 Pozmix cement to fill from 8,200' ± to 8,050'±, both inside and outside the 7" casing.

7. Contact CDOGGR to witness hardness and location of plug.

8. Mud well with 72# clay base abandonment mud from 8,050' ± to 1,100' ±. Mudding to be witnessed and approved by CDOGGR.

9. Open well, RIH with cavity shot or perforating jets to 1,100'± and detonate.

10. MIRU coiled tubing rig, RIH with tubing to 1,100'±.

11. Rig up cementers. Mix, pump and squeeze (if necessary) sufficient volume of 50/50 Pozmix cement to fill from 1,100' ± to 950'±, both inside and outside the 7" casing.

12. DOGGR to witness location and hardness of plug.

13. Mud well with 72# clay base abandonment mud from 950' ± to 100' ±. Mudding to be witnessed and approved by CDOGGR.

14. Rig up wireline, RIH with perforating jets to 100' ±, detonate.

15. RIH with coil tubing and circulate Class "G" cement surface from 100' ± to surface. POOH with coiled tubing. Close well in and nipple up to wellhead. Begin pumping Class "G" cement through the perforations at 100' and into the 7" x 13-3/8" casing annulus. Continue cement pumping until clean cement returns are achieved at surface.

16. Clean surface location, cut off casing five feet below ground level and weld on steel plate. CDOGGR to witness plug prior to welding steel plate. CDOGGR to make inspection of surface after the surface restoration work is complete.

ABI

500
00
40 · 7th

OG 152

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☑
BOND BB
OGD114 ✓
OGD121 ✓

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "Rancho San Francisco" #119 **API No.** 03713297 **Sec.** 26 **T.** 4N **R.** 17W **S.B. B.&M.**

Newhall-Potrero **Field** Los Angeles **County, starting work on** 10/15/99

***The present condition of the well is***

**1. Total depth:** 11,568 ft

**2. Complete casing record, with plugs and perforations (present hole):**
**13-3/8" 54.5# J-55 csg cmt'd @ 324 ft.**
**7" 23#, 26#, 29#, 32# & 35# J-55 & N-80 csg cmt'd @ 11,146 ft. Est TOC @ 9,389 ft.**
**5-1/2" liner hung to 11,566 ft. TOL @ 11,095 ft.**
**Perforated:**
**11,133 ft - 11,211 ft**
**11,289 ft - 11,448 ft**
**11,506 ft - 11,565 ft**

**3. Date last produced or injected:** February 1995

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

Note: Well was a 7th Zone producer.

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**
☐ Yes ☒ No

**The proposed work is as follows:**

Please see attached program.

RECEIVED
OCT 04 1999

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 Rosedale Highway (Street)
Bakersfield, CA 93308 (City) (State) (Zip)
Telephone Number 661-823-9006 (Area Code) (Number)

Medallion California Properties Company (Name of Operator)
By C. D. Fiddler (Print Name)
(Signature) 9/28/99 (Date)

OG108 (8/97)

JRM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 4 - 1953
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 119-7 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 2161.98' S. & 5451.99' E. from Cor. "J" Elevation of ~~ground or surface~~ kelly bushing above sea level 1059.86 feet. ground 1046.56

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date October 29, 1953 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling July 7, 1953 Completed drilling October 16, 1953 Drilling tools Rotary

Total depth 11568' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing October 16, 1953 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 1181 | 27.7° | 0.2 | 498 | 580 | 50 |
| Production after 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 324' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 210 | -- |
| 7" | 11146' | Surface | 23,26,29, 32 & 35# | New | Smls | N-80&P110 | 11" | 600 | -- |
| 5-1/2" | 11566' | 11095' | 17# | New | Smls | J-55 | 5-7/8" | -- | -- |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 11133 ft. | 11211 ft. | 192 1/4" round holes/ft. undercut to 3/8" | 16 | 1" | Shop |
| 5-1/2" | 11289 ft. | 11448 ft. | Ditto | 16 | 1" | Shop |
| 5-1/2" | 11506 ft. | 11565 ft. | " | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 11112', 11197', 11568' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
NOV 4 - 1953
LOS ANGELES, CALIFORNIA

OPERATOR Sunray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco 119-7, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date October 29, 1953 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1953 | |
|---|---|
| 7/7 | Spudded in with 11" bit and drilled ahead to 606'. |
| 7/8 | Opened hole to 17-1/2" to 324'. Ran 13-3/8" 54.5# J-55 casing. Cemented shoe at 324' with 210 sacks Colton Construction cement containing 2-1/2% gel. Had estimated 22 cu. ft. cement returns to surface. |
| 7/9 | Found top of cement at 313', shoe at 324'. Drilled ahead with 11" bit. |
| 9/24 | Total Depth 11112'. 1st Run Schlumberger Electric Log to 11112'. Drilled ahead with 11" bit. |
| 9/26 | Total Depth 11199'. 2nd Run Schlumberger Electric Log to 11197'. |
| 9/27 | Ran 7" 23#, 26#, 29#, 32# and 35# N-80 and P110 LT&C and Ex.-Line casing. Cemented shoe at 11146', float collar at 11071', with 600 sacks Victor Hi-Temp cement. |
| 9/29 | Drilled out with 5-7/8" bit. Found top of cement at 11063', float collar at 11071'. Drilled out to 11136'. |
| 9/30 | Ran Sperry Sun Directional Survey to 11100'. Shot four 3/8" holes at 11115' with McCullough Bullet Gun. Ran Johnston Formation Tester on 3-1/2" drill pipe with packer at 11095', tail to 11113', 1000' mud cushion, 1/2" bean. Tester open for one hour. Had light blow for 8 minutes, then dead remainder of test. Recovered 5' net rise of drilling fluid with some gas. W.S.O. witnessed and approved by Gaede of Division of Oil and Gas. |
| 10/1 | Drilled out shoe at 11146' with 5-7/8" bit. Ran Johnston Formation Tester on 3-1/2" drill pipe with packer at 11102', tail to 11120', 1000' mud cushion, 1/2" bottom bean. Tester open for 11 hours and 5 minutes. Had light to medium blow for 5 hours and 40 minutes. Gas to surface in one hour and 40 minutes, cushion to surface in 5 hours and 40 minutes. Flowed oil at 200 B/D rate for 2 hours, 29.4° gravity, 3% cut drilling fluid, 23/64" top bean, 180# tubing pressure. Flowed at 100 B/D rate for 2 hours, 28.2° gravity, 4% cut drilling fluid, 23/64" top bean, 180# tubing pressure, 770 GOR. Recovered 25 barrels gross, 24 barrels net oil. |
| 10/3 | Drilled to 11210' with 5-7/8" bit. Changed over from mud to Ken oil. Cored ahead with 5-7/8" core head. |
| 10/14 | Total Depth 11568'. 3rd Run Schlumberger Electric Log to 11568'. Ran Induction and Mono-Electrode Logs. |
| 10/15 | Ran 5-1/2" 17# J-55 F.J. liner to 11566', top of hanger at 11095'. Perforated with 192 1/4" round holes per foot, undercut to 3/8", through intervals 11133' to 11211', 11289' to 11448', 11506' to 11565'. Ran 379 joints 2-1/2" tubing to 11532'. Changed over from Ken oil to oil and completed well. |

J.W.H.

OPERATOR Sun
WELL NO. "RSF" 120
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| ATTENTION | alter Casing Conv to Prod | rework | Rework | REWORK | Rework | REWORK |
| NOTICE DATED | 11-1-88 | 2-1-90 | 298-72 | 4/25/01 | 7-3-01 | 06/22/2004 |
| P-REPORT NUMBER | 288-430 | 290-66 | ~~[illegible]~~ | 201-123 | 201-11ele | P204-95 |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | N/C | | N/C | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 11-2-88 | | 2-9-90 | | 4-20-98 | | 4/25/01 | | 7-3-01 | | 06/23/04 | |
| HISTORY | 2-1-89 | | 2-25-9 | | 6-10-98 | | 7-31-01 | | 8-13-01 | 5-6-02 | | |
| SUMMARY | 2-1-89 | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | — | | ✓ | | | |
| OPERATOR'S NAME | ✓ | | ✓ | | | |
| WELL NO. | ✓ | | ✓ | | | |
| LOC & ELEV | ✓ | | ✓ | | | |
| SIGNATURE | ✓ | | ✓ | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |
| RECORD'S COMPLETE | pmc | SP | SPM 6-10-98 | | [illegible] 8-21-01 | |

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD
DATE RELEASED FROM CONFIDENTIAL 4-9-01

REMARKS:

Per A. Awasiu - Will Perf. 5th & 6th Zone, Will Fax Notice to Rework.

[redacted] RVEYING CORPORATION
EXAS

SCHLUMBERGER

# ELECTRICAL LOG

MEDALLION CALIFORNIA PROPERTIES CO.

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL POTRERO 26 - 4N - 17W
WELL R.S.F. NO. 120-9
COMPANY SUNRAY OIL CORP.

037-13598 [redacted] CORPORATION

WELL R.S.F. NO. 120-9

FIELD NEWHALL POTRERO

LOCATION 26 - 4N - 17W

COUNTY LOS ANGELES

STATE CALIFORNIA

ES-IND-NL
(GRL)

Elevation: D.F.:
K.B.:
or G.L.:

FILING No.

| RUN No. | 1 ES | 1 IL | 2 IL | 1 NL | 2 NL |
|---|---|---|---|---|---|
| Date | 10-26-53 | 1-20-54 | 3-16-54 | 1-20-54 | 3-16-54 |
| First Reading | 9188 | 11749 | 12790 | 11752 | 12793 |
| Last Reading | 394 | 9196 | 11749 | 9191 | 11752 |
| Feet Measured | 8794 | 2553 | 1041 | 2561 | 1041 |
| Csg. Schlum. | 394 | 9191 | ----- | 9191 | ----- |
| Csg. Driller | 394 | 9187 | 9187 | 9187 | 9187 |
| Depth Reached | 9189 | 11753 | 12794 | 11753 | 12794 |
| Bottom Driller | 9191 | 11752 | 12794 | 11752 | 12794 |
| Depth Datum | K.B. | K.B. | K.B. | K.B. | K.B. |
| Mud Nat. | Oil, Caus | Ken Oil | Oil Base | Oil Base | Oil Base |
| " Density | 77 | 88 1/2 | 10.7 | 88 | 10.7 |
| " Viscosity | 55 | 220 | 175 | 225 | 175 |
| " Resist. | 2.0@ 86°F | - @ - °F | -at- °F. | -at- °F. | -at- °F. |
| " Res. BHT | 1.1@161°F | - @ - °F | -at- °F. | -at- °F. | -at- °F. |
| " pH | 8.6@ 86°F | - @ - °F | -at- °F. | -at- °F. | -at- °F. |
| " Wtr. Loss | 7.2 CC 30 min. | - CC 30 min. | -CC30min | -CC30min | -CC30min |
| Max. Temp. °F | 161°F. | 195°F. | 212°F. | 195°F. | 212°F. |
| Bit Size | 12 1/4" | Remarks | 8 1/2" | Remarks | 8 1/2" |
| Spcgs. AM | 16"-M | 27" Coil | 27" Coil | | |
| AO | 10 | | | | |
| AO | 19 | | | | |
| Opr. Rig Time | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

# FLO-LOG INC.

## TEMPERATURE SURVEY WITH NOISE LOG

COMPANY SUN EXPL. & PROD. CO.
WELL NO. RSF #120-9
FIELD NEWHALL-POTRERO
COUNTY LOS ANGELES STATE CA
DATE 2-27-86

PURPOSE OF SURVEY
YEARLY INSPECTION FOR GAS LEAKAGE

| | | | |
|---|---|---|---|
| PERMANENT DATUM | 13' K.B. | ELEVATION | 1277' |
| LOG MEASURED FROM | 13' AGL. | CORRECTED TO | PACKER |
| TOTAL DEPTH | 10886 PLUG | OBSERVED DEPTH (Pickup) | 10790' |
| TOP OF LOGGED INTERVAL | 500' | BOTTOM LOGGED INTERVAL | 10790' |
| TYPE OF FLUID IN HOLE | GAS | FLUID LEVEL | N/A |
| LOG RECORDED BY | HELMS & STURGESS | WITNESSED BY | S. Moreland |

WELL STATUS SHUTIN GAS INJECTOR

CASING AND TUBING RECORD

| Size | Weight | From | To |
|---|---|---|---|
| 13-3/8 | 54.5# | 0 | 391' |
| 9-5/8 | 40, 43.5 | 0 | 9188 |
| 7 | 26thru38 | 0 | 11388 |
| 5 | 18 | 11296 | 12790 |

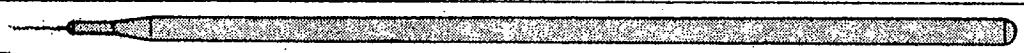
| Pressure | | | Shut-In |
|---|---|---|---|
| TBG | | | 2080' |
| CSG | | | 0 |

TUBING SIZE 2-7/8" DEPTH 10817
PACKER(S) 10745
MANDREL(S) NONE
PERFORATIONS 10510-10578
10617-10830

BOTTOM TEMPERATURE 201°

LOGGING UNIT 711 LINE SIZE 3/16" LINE LENGTH 18,100'
TOOLS USED
TOOL NUMBERS (3) 5' BARS, COLLAR LOCATOR, TEMPERATURE, NOISE

DIAMETER 1-3/8"



RESULTS AND REMARKS: NO APPARENT MIGRATION OF GAS UP FROM THE TOP PERFORATION OR PACKER.
CASING VALVE WAS OPEN DURING THE SURVEY.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P204-95

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)

00
(area code)

00
(new pool code)

32
(old pool code)

Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield, California 93308

Ventura, California
June 28, 2004

Your _____ proposal to rework well "Rancho San Francisco" 120, A.P.I. No. 037-13298 Sec. 26, T. 4N, R. 17W, SB B.&M., Newhall-Potrero field, ---------- area, Any pool Los Angeles County, dated 06/22/2004 received 06/23/2004 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. Wire line operations are conducted through at least a 2M lubricator.
4. This office shall be consulted before initiating any changes or additions to this proposed operation, or f operations are to be suspended.
5. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To inspect the installed blowout prevention equipment prior to commencing downhole operations.

Blanket Bond
SAF:saf

Engineer Steven A. Fields

Phone (805) 654-4761

Hal Bopp, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

June 21, 2004

**Medallion California Properties, Inc.**
**Well: RSF No. 120**
**API No.: 037-13298**
**Sec 26, T 4N, R 17W**
**Program to Recomplete the 3-A Zone**
**Field: Newhall Potrero**

**Mechanical Condition**

**T.D.:** 12,797'

| | | |
|---|---|---|
| **Casing:** | **13-3/8", 54.5# csg** | 0' - 391', cmt'd w\ 325 sax |
| | **9-5/8", 40#, 43.5# csg** | 0' – 9,188' cmt'd w\ 600 sax |
| | **7", 26#, 29#, 32#, 35#, 38# csg** | 0' – 11,338', cmt'd w\ 500 sax, calc. TOC @ 6,930' |
| | **5", 18# lnr** | 11,296' – 12,790', hung |

**W.S.O.:** At 11,310', 10,865' and 10,440'

**Original Perforations:** 11329' to 12009', 12120' to 12421', 12532' to 12790' 168 ¼" round holes per foot (9th zone).
10,510' to 10,578' and 10,617' to 10,830' w\ 4 ½" JHPF (7th zone) – all below plugs.

**4/17/98 Perforations:** 10152' to 10180' and 10190' to 1020' w\ 4 ½" JHPF (6th zone).

**4/12/01 Perforations:** 9964', 9966', 9984', 9985', 9986' and 9987 w\ one SPF (6th zone).

**4/16/04 Perforations:** 9804'-9810', 9812'-9816', 9842'-9861, 9866'-9874, 9882'-9906', 9915'-9919', 9938'-9944', 9958'-9970', 9981'-9990', 10000'-10010' w/ one JPF (6th zone).

**7/24/01 Perforations:** 9170'-9182', 9190'-9222', 9230'-9264', 9272'-9304', 9314'-9346', 9354'-9358', 9802'-9822', 9841'-9861', 9900'-9906', 9938'-9948', 9954'-9974', 9981'-9987', 10000'-10026', 10032'-10038', 10060'-10066', 10090'-10110', 10130'-10140', 10160'-10180', 10196'-10216' w\ JHPF (5th and 6th zones).

**Plugs:** HOWCO bridge plug at 10,421'
Cmt plug 10,886' to 11,003'
Cast iron bridge plug at 11,003'
Bridge plug at 11,008'

**Elev:** All depths refer to K.B. measurements, 13' above the mat

RECEIVED
JUN 23 2004
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Company Field Newhall-Potrero County Los Angeles
Well Rancho San Francisco No. 120 Sec. 26 T. 4N R.17W S.B.B.&M.
A.P.I. No. 037-13298 Name S. W. VanNatta (Person submitting report) Title Vice President Engineering (President, Secretary, or Agent)

Date April 26, 2002 (Month, day, year)

Signature S.W. Van Natta

Address 7130 South Lewis Avenue, Suite 700, Tulsa, Oklahoma 74136-5489 Telephone Number 918/488-8283

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 7/5/2001 | MI & RU a Service Rig. POOH with rods and DHP. N/D tree and N/U BOP's. Started OOH with tubing. |
| 7/6/2001 | Finished POOH. WIH with Mule Shoe on bottom of tubing and tagged fill at 10,426'. |
| 7/9/2001 | With end of tubing (EOT) at 10,424', Pl 29 cu. ft. of cement to lay a cement plug. Pulled 12 stds and reversed out. Started OOH. |
| 7/10/2001 | Finished POOH. WIH with a perforating gun and stuck gun ay 8260'. Pulled out of Rope Socket. |
| 7/11/2001 | PU overshot and WIH with tubing. Tagged fish at 8177'. POOH and recovered perforating gun. |
| 7/12/2001 | WIH with bit and 7" casing scraper. Could not go below 8292'. P/U power swivel. |
| 7/13/2001 | Reversed out, recovered contaminated cement. Drilled cement from 8292' to 8296'. WIH to 10,426', tagged fill. No cement plug. Started OOH. |
| 7/16/2001 | Finished POOH. P/U muleshoe, 1 jt. tubing and packer. WIH. Could not go below 10,137'. |
| 7/17/2001 | POOH. Started in hole with tubing open-ended. |
| 7/18/2001 | WIH to 10,168'. Reversed out contaminated cement slurry. Spotted 29 cu. ft. of cement on bottom from 10,426' up to 10,276'. Started POOH. |
| 7/19/2001 | Finished POOH. WIH with wireline sinker bars and tagged top of cement at 10,237'. Perforated well, made 11 runs. Lost 20' gun in hole. Refer to report below dated 7/24/2001 for a list of all intervals perforated. |
| 7/20/01 | WIH with overshot and jars on tubing. Latched fish at 10,180'. POOH and laid down perforating gun. |
| 7/23/2001 | WIH with bailer on tubing and tagged fill at 10,198. Worked bailer down to 10,258'TM. POOH. Recovered cement & debris from guns. |
| 7/24/2001 | WIH with wireline sinker bars and tagged top of cement at 10,284'. Perforated with 4 JPF. New perforations shot on 7/19/01 and 7/24/01: 9170'-82'; 9190'-9222'; 9230'-64'; 9172'-9304'; 9314'-46'; 9354'-58'; 9802'-22'; 9841'-61'; 9900'-06'; 9938'-48'; 9954'-74'; 9981'-87'; 10,000'-26'; 10,032'-38'; 10,060'-66'; 10,090'-110'; 10,130'-40'; 10,160'-80' and 10,196'-216'. |
| 7/25/2001 | WIH with gas anchor, production shoe and tubing, testing to 6000 psi. N/D BOP's and N/U tree. |
| 7/26/2001 | Swabbed well to 4800' and recovered approximately 80 barrels of water. Fluid level staying at ±4800'. |
| 7/27/2001 | WIH with DHP and rods. RD and MO Service Rig. |

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VENTURA, CALIFORNIA



SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

AUG 1 3 2001

Operator Medallion Californ. Prop., Co Field Newhall-Potrero County Los Angeles
Well RSF 120 Sec. 26 T. 4N R. 17W S.B.B.&M.
A.P.I. No. 037-13298 Name Alex Iwasiw (Person submitting report) Title Contract Engineer (President, Secretary, or Agent)
Date 7/26/01 (Month, day, year)
Signature
Address 26835 W. Pico Canyon Road Telephone Number 661-254-2856

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 4/4/01 | MIRU, nipple down plunger lift well head. Install BOPE. Unland tubing, pick up joints tag top of Haliburton express bridge plug at 10,416'. POOH laying down 2-7/8" CS hydril tubing. SDFN. |
| 4/5/01 | Open well. Continue to lay down 2-7/8" Hydril. M/U bridge plug retrieving tool, RIH w/ 40 stands of 2-7/8" EUE from derrick and pick up 158 jts of 2-7/8 EUE. SDFN. |
| 4/6/01 | Open well. Continued to pick up 2-7/8" tubing. Latch on to bridge plug attempt to rotate mandrel and equalize pressure. Pull on bridge plug , kept pulling off at 12,000# over. Try to rotate to the right could not get turns into it. Hit down on bridge plug still would not release. Got off bridge plug, POOH with 7 stands and SDFN. |
| /9/01 | Open well. RIH w/ 7 stands, make up pancake swivel and tie to vacuum truck. latch onto bridge plug, dump 120 barrels of produced water, would not release. Dump two more loads (240 barrels) while working bridge plug. Moved bridge plug 3 feet down and it locked up. Could not move bridge plug up or down. POOH with 100 stands SDFN. |
| 4/10/01 | Open well. Continue to POOH with tubing. Break off retrieving tool and RIH w/ tubing. Rig up swab equipment. RIH w/ swab tool, fluid found at 2450 feet. Begin swabbing. Made 9 runs, fluid on last run found at 3650 feet. Recovered approximately 72 barrels of mostly water. SDFN. |
| 4/11/01 | Open well. RIH with swab tools, tag fluid at 4600 feet. Begin swabbing. Made 22 runs. Last fluid tag at 5700 feet. Recovered an additional 48 barrels of fluid. Lay down swab equipment. POOH with 100 stands of tubing. SDFN. |
| 4/12/01 | Open well. Continue POOH with tubing. Rig up Baker Atlas wire line and full lubricator. Run GR/CNL/CCL and log well. Rig up to perforate using 1/2" bullet guns with selective fire capability. RIH and perforate 1 1/2" bullet hole per foot at the following depths: 9964', 9966', 9984', 9985', 9986', 9987'. During this run a transformer in the truck failed. Rig down wire line and SDFN. |
| 4/13/01 | Open well and wait on wire line. Wireline truck stuck at scales. Shut down operations until AM. SDFN. |





SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

AUG 1 3 2001

Operator Medallion Californ Prop., Co. Field Newhall-Potrero County Los Angeles
Well RSF 120 Sec. 26 T. 4N R. 17W S.B. B.&M.
A.P.I. No. 037- 13298 Name Alex Iwasiw (Person submitting report) Title Contract Engineer (President, Secretary, or Agent)
Date 7/26/01 (Month, day, year)
Signature
Address 26835 W. Pico Canyon Road, Newhall, CA. 91321 Telephone Number

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 4/16/01 | Open well. Rig up Baker Atlas wire line truck. Perforate the following intervals using 1 - 1/2" bullet per foot: 9804' to 9810', 9812' to 9816', 9842' to 9861', 9866' to 9874', 9882' to 9906', 9915' to 9919', 9938' to 9944', 9958' to 9970', 9981' to 9990', 10,000' to 10010' (includes perfs from 4/12/01). RIH w/ 5 stands, SDFN. |
| 4/17/01 | Open well. POOH w/ 5 stands. Rig up ace tester and RIH w/ production tubing. Rig down BOPE and install well head donut, close well in. SDFN. |
| 4/18/01 | Open well. Test rod pump, RIH with tapered sucker rod string, Nipple up well head. Space out well. RDMO. RTP well. |

Note: BOPE was inspected by A. Anderle on 4/13/01





SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P201-166

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
30 (new pool code)
35 (old pool code)

Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield, California 93308

Ventura, California
July 5, 2001

Your proposal to rework well "Rancho San Francisco" 120, A.P.I. No. 037-13298 Sec. 26, T. 4N, R. 17W, SB B.&M., Newhall-Potrero field, ——— area, 5th pool Los Angeles County, dated 07/03/2001 received 07/03/2001 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. Wire line operations are conducted through at least a 2M lubricator.
4. The Division will monitor monthly well production data, and if anomalous water production is indicated, remedial action will be required.
5. This office shall be consulted before initiating any changes or additions to this proposed operation, or if opertions are to be suspended.
6. THIS DIVISION SHALL BE NOTIFIED:
   a. **To inspect the installed blowout prevention equipment prior to commencing downhole operations.**

**Notes:**

1. The Division ~~recommends, as a~~ minimum, ~~that~~ carbon monoxide monitoring equipment ~~and a vent~~ line be installed and maintained operational during all extensive perforating operations.
2. It is proposed to recomplete this well into the 5th and 6th zone. However based on conversations with Alex Iwashiw, all production will probably come from the 5th zone. As a result, production shall be reported in the 5th zone only.
3. The proposed cement plug from 10,421 feet to 10,321 fulfills the abandonment of the lower portion of the hole. The Division shall witness the location and hardness of this plug at the time of plugging and abandonment of the well.

Blanket Bond
SAF:saf

Engineer Steven A. Fields

Phone (805) 654-4761

WILLIAM F. GUERARD, JR., State Oil and Gas Supervisor

By SAF *Deputy Supervisor*

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion Californ. Prop., Co Field Newhall-Potrero County Los Angeles
Well RSF 120 Sec. 26 T. 4N R. 17 S.B.B.&M.
A.P.I. No. 037-13298 Name Alex Iwasiw (Person submitting report) Title Contract Engineer (President, Secretary, or Agent)
Date 7/28/01 (Month, day, year)
Signature
Address 26835 W. Pico Canyon Road Telephone Number 661-254-2856

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 4/4/01 | MIRU, nipple down plunger lift well head. Install BOPE. Unland tubing, pick up joints tag top of Halliburton express bridge plug at 10,416'. POOH laying down 2-7/8" CS hydril tubing. SDFN. |
| 4/5/01 | Open well. Continue to lay down 2-7/8" Hydril. M/U bridge plug retrieving tool, RIH w/ 40 stands of 2-7/8" EUE from derrick and pick up 158 jts of 2-7/8 EUE. SDFN. |
| 4/6/01 | Open well. Continued to pick up 2-7/8" tubing. Latch on to bridge plug attempt to rotate mandrel and equalize pressure. Pull on bridge plug , kept pulling off at 12,000# over. Try to rotate to the right could not get turns into it. Hit down on bridge plug still would not release. Got off bridge plug, POOH with 7 stands and SDFN. |
| 4/9/01 | Open well. RIH w/ 7 stands, make up pancake swivel and tie to vacuum truck. latch onto bridge plug, dump 120 barrels of produced water, would not release. Dump two more loads (240 barrels) while working bridge plug. Moved bridge plug 3 feet down and it locked up. Could not move bridge plug up or down. POOH with 100 stands SDFN. |
| 4/10/01 | Open well. Continue to POOH with tubing. Break off retrieving tool and RIH w/ tubing. Rig up swab equipment. RIH w/ swab tool, fluid found at 2450 feet. Begin swabbing. Made 9 runs, fluid on last run found at 3650 feet. Recovered approximately 72 barrels of mostly water. SDFN. |
| 4/11/01 | Open well. RIH with swab tools, tag fluid at 4600 feet. Begin swabbing. Made 22 runs. Last fluid tag at 5700 feet. Recovered an additional 48 barrels of fluid. Lay down swab equipment. POOH with 100 stands of tubing. SDFN. |
| 4/12/01 | Open well. Continue POOH with tubing. Rig up Baker Atlas wire line and full lubricator. Run GR/CNL/CCL and log well. Rig up to perforate using 1/2" bullet guns with selective fire capability. RIH and perforate 1 1/2" bullet hole per foot at the following depths: 9964', 9966', 9984', 9985', 9986', 9987'. During this run a transformer in the truck failed. Rig down wire line and SDFN. |
| 4/13/01 | Open well and wait on wire line. Wireline truck stuck at scales. Shut down operations until AM. SDFN. |



OG103 (6/97/GSR/5M)
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SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles

Well "Rancho San Francisco" 120 Sec. 26, T 4N, R 17W, S. B. B. & M.

A.P.I. No. 037-13298 Name Bradford A. DeWitt (Person submitting report) Title Agent (President, Secretary, Agent)

Date May 18, 1998

Signature Bradford A. DeWitt

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1998 | |
| 4/16 | MIRU. Hot oil tubing with 40 bbls. Rig down production tree. Installed Class II 2M BOPE. Released packer. Shot fluid level; fluid @ 8087'. POOH & measure tubing. Installed perforating flange. SDFN. |
| 4/17 | Rig up wireline; run neutron/gamma ray log from 10260' to 9200'. RIH with retrievable bridge plug, set @ 10421' (isolated perfs 10510' to 10830'). Perforate Four 1/2" jet holes with 90° phasing at intervals 10210'-10190' and 10180'-10152'. Rig down perforators. RIH with pressure bomb to 10181' (mid perf depth). SDFN. |
| 4/20 | POOH with pressure bomb. Rig up tubing testers. Make up and RIH Howco repeat treating and testing tool while testing tubing; ran tool to 10068'. SDFN. |
| 4/21 | Set Howco tool @ 10060'. Rig up pump truck; fill tubing with 40 bbls 2% KCl water and fill annulus with 200 bbls produced lease water. Pressured annulus to 1,000 psi. Perform step rate test on 6th Zone perfs; established fracture gradient of 0.79 psi/ft. Bled tubing pressure from 4,500 psi to 0 psi in 12 minutes; bled casing pressure to 0 psi. Released and pulled packer. SDFN. |
| 4/22 | Start RIH with production tubing. Clutch on rig broke; waiting on repair. SDFN. |
| 4/23 | Finish RIH with production tubing. Land tubing. Pick up and run pump and rods. Space and test pump (bottom lock pump shoe set @ 10247'). RDMO. |

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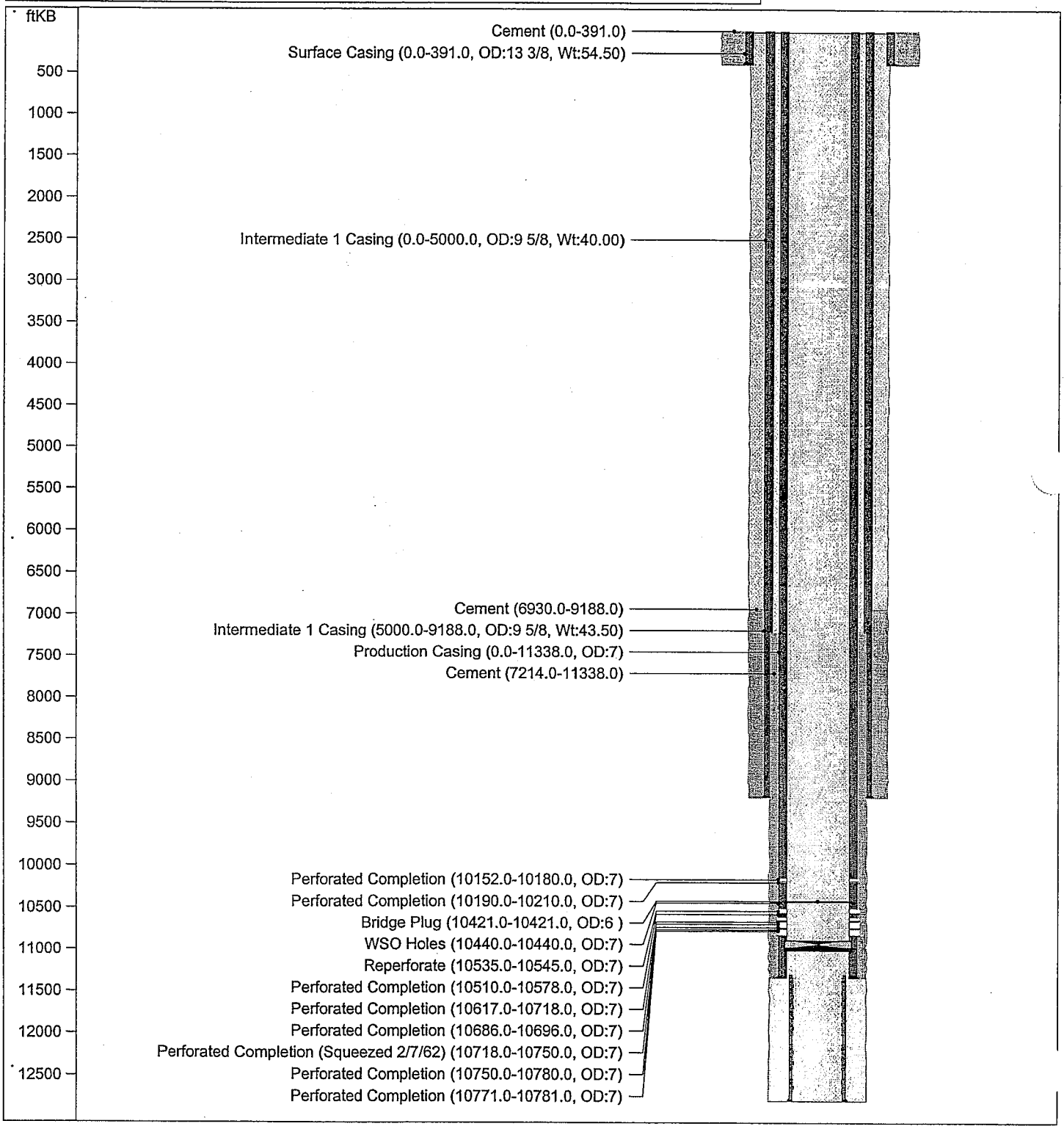
MAY 20 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA



SUBMIT IN DUPLICATE

| 04037132980000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 120 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 12797.0 ftKB |
| PBTD | 10421.0 ftKB |
| Approval Date | 27-Aug-53 |
| Spud Date | 08-Aug-53 |
| TD Date | 30-Apr-54 |
| Production Date | 10-Jun-54 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




6/10/98

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# NOTICE OF INTENTION TO REWORK / REDRILL WELL

| C.E.Q.A. INFORMATION (when redrilling or deepening only) | | | |
|---|---|---|---|
| EXEMPT ☐ | NEG. DEC. ☐ | E.I.R. ☐ | DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION ☐ |
| CLASS ____ | S.C.H. NO. ___ | S.C.H. NO. ___ | |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| BOND | FORMS | | EDP WELL |
| | OGD114 | OGD121 | FILE |
| BB | ✓ | ✓ | |

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill well Rancho San Francisco 120 (Circle one) (Well designation), API No. 03713298

Sec. 26, T. 4N, R. 17W, S.B. B.& M., Newhall-Potrero Field,

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
   9-5/8" 40 & 43.5# @ 9,188'.
   7" 26 - 38# @ 11,338'. CIBP @ 10,995'. Cmt plug 10,886' - 10,995'. Perf'd 10,510' - 10,830'.
   5" 18# liner 11,296' - 12,790'.

2. The total depth is: 12,790 feet. The effective depth is: 10,886 feet.

3. Present completion zone (s): 7th (Name). Anticipated completion zone (s): 6th (Name).

4. Present zone pressure: 100 psi. Anticipated/existing new zone pressure: 500 psi.

5. Last produced: 3/31/98 (Date) 0 (Oil, B/D) 0 (Water, B/D) 24 (Gas, Mcf/D)
   (or)
   Last injected: _____ (Date) _____ (Water,B/D) _____ (Gas, Mcf/D) _____ (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*

Set bridge plug at 10,500'.
Perforate four 1/2" HPF 10,152' - 10,180', 10,190' - 10,210'.
Run tubing.
Place well on production.

For redrilling or deepening: _____ (Proposed bottom-hole coordinates) _____ Estimated true vertical depth

**The division must be notified if changes to this plan become necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Company | 805/635-0465 | |
| **Address** | **City** | **Zip Code** |
| 5400 Rosedale Highway | Bakersfield, CA | 93308 |
| **Name of Person Filing Notice** | **Signature** | **Date** |
| Bradford A. DeWitt | Bradford A. DeWitt | 4/15/98 |

File In Duplicate

OG107 (7/95/GSR1/5M)

# C.E.Q.A. INFORMATION

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice or supply the following information:

Lead Agency: _____

Lead Agency Contact Person: _____

Address: _____

_____

Phone: (  ) _____

| FOR DIVISION USE ONLY |
| --- |
| District review of environmental document (if applicable)? Yes ☐ No ☐ |
| Remarks: _____ |

# CRITICAL WELL DEFINITION

As defined in the California Code of Regulations, Title 14, Section 1720 (a), "Critical well" means a well within:

1. 300 feet of the following:
   a. Any building intended for human occupancy that is not necessary to the operation of the well; or
   b. Any airport runway.
2. 100 feet of the following:
   a. Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
   b. Any navigable body of water or watercourse perennially covered by water;
   c. Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
   d. Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the State Oil and Gas Supervisor upon his or her own judgment or upon written request of an operator. The written request must contain justification for such an exception.

# WELL OPERATIONS REQUIRING BONDING

1. Drilling, redrilling, or deepening any well.
2. Milling out or removing a casing or liner.
3. Running and cementing casing or tubing.
4. Running and cementing liners and inner liners.
5. Perforating casing in a previously unperforated interval for production, injection, testing, observation, or cementing purposes.
6. Drilling out any type of permanent plug.
7. Reentering an abandoned well having no bond.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

RECEIVED
FEB 9 1990
VENTURA, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| MB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. Rancho San Franciso #120, API No. 04-037-13298, Sec. ~~36~~ 26, T. 4N, R. 17W, S.B.B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 12,797'

2. Complete casing record, including plugs and perforations:

- 13-3/8", 54.5#, J-55, surface csg @ 391'
- 9-5/8", 40 & 43#, J-55 & N-80 inter. csg @ 9188'
- 7", 26#, 29#, 32#, 35#, 38#, P-110 & N-80 productive csg @ 11,338'
- 5", 18#, J-55 liner @ 11,296-12,790' perforated w/ 168 ¼" RHPF w/ 14R x 1-1/8"C from 11,329-12,009', 12,120-12,421, & 12,533-12,700'

CIBP @ 11,003' & plugged back w/ cmt to 10,886'
Perfs: 4 SPF @ 10,510-10,578 & 10,617-10,830'

3. Present producing zone name 7th Zone Zone in which well is to be recompleted 7th

4. Present zone pressure 450 (est.) New zone pressure Same

5. Last produced 12/89 (Date) 0 (Oil, B/D) 0 (Water, B/D) 166 (Gas, Mcf/D)

or

6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

Convert well from Flowing to Gas Lift.

1) Pull out of hole w/ tbg.
2) Run in hole w/ tbg, gas lift valves, pakcer. Set packer @ 10,444'.
3) Return well to production by gas lift.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 WEST RYE CANYON ROAD (Street)
VALENCIA (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200

ORYX ENERGY COMPANY (Name of Operator)
By F. E. Armijo (Name) 2-1-90 (Date)
F. E. ARMIJO
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

Form OG100 (7/79)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-13298

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: SUN EXPLORATION & PRODUCTION COMPANY | Well: RANCHO SAN FRANCISCO #120 |
| Field: NEWHALL-POTRERO | County: LOS ANGELES — Sec. 26, T. 4N, R. 17W, B.&M. SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 3080'S & 5379'E FROM CORNER "J" | Elevation of ground above sea level: 1277' |

Commenced ~~drilling~~ (date): 11/10/88 W/O

Completed ~~drilling~~ (date): 11/17/88 W/O

Commenced producing (date): N/A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): SEVENTH ZONE

Total depth: (1st hole) 12,797' (2nd) (3rd)

Present effective depth: 10,886'

Junk: NONE

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is 12' feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| TOP OF SEVENTH | 10,550' |

Formation and age at total depth: MODELO (MIOCENE)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | N/A | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13 3/8" | SURFACE | 391' | 54.5# | J55/STC | NEW | 17½" | 325 SX | |
| 9 5/8" | SURFACE | 9,188' | 40&43.5# | J55 & N80/LTC | NEW | 12¼" | 600 SX | |
| 7" | SURFACE | 11,338' | 26,29,32 35 & 38# | P110 & N80/LTC | NEW | 8½" | 500 SX | |
| 5" | 11,296' | 12,790' | 18# | J55/FJ | NEW | 8½" | - | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
4½" SPF @ 10,510-10,578', 10,617-10,830'
4½" SPF @ 10,781-10,771', 10,696-10,686', 10545-10,535' (117 Holes)

DIVISION OF OIL AND GAS
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VENTURA, CALIFORNIA

Was the well directionally drilled? If yes, show coordinates at total depth
☒ Yes ☐ No 1041.55 S & 97.63 E

Electrical log depths: NEUTRON-GR-CCL- 10,850-10,400', ELEC. LOG 9189', INDUCTION & NEUTRON 11,752'

Other surveys: NONE

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | |
|---|---|
| Name: F. E. ARMIJO | Title: OPERATIONS MANAGER |
| Address: BOX 55060 | City: VALENCIA, CA — Zip Code: 91355-0560 |
| Telephone Number: (805) 257-6200 | Signature: F. E. Armijo by T. Goller — Date: 1/24/89 |

SUBMIT IN DUPLICATE

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 1 1989
VENTURA, CALIFORNIA

## History of Oil or Gas Well

Operator Sun Exploration and Production Company Sun Production Division Field or County Newhall-Potrero
Well Rancho San Francisco #120, Sec. 26, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-13298 Name F. E. ARMIJO (Person submitting report) Title Agent (President, Secretary or Agent)
Date 1-30-, 1989

Signature F.E. Armijo by T. [illegible]

Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

1988

11/10/88
PWO, ACIDIZE, REPERF/7" CSG TO 10,886'/PBTD 10,886'/PERFS 10,510-10,830'/LOS ANGELES, CA/ *** FIRST REPORT ***
1/RU POOL WELL SERVICE RIG #579/BLED WELL DN/REMOVED PRODUCTION TREE/INSTLD 6" 3000# MECH GATE BOP W 2-7/8" PIPE & CSO RAMS/TESTED BOPE/RU WORKING FLOOR/ UNSET 7" 38# R-3 PACKER/EQUALIZED TBG & CSG/LAYED DN DONUT/POH W 36 JTS 2-7/8" CS HYDRIL TBG/SIFN/

11/11/88
2/CONTINUED OUT OF HOLE W PRODUCTION STRING/LD PKR/INSTLD SHOOTING FLANGE/RU WELEX & LUBRICATOR/MU & RAN NEUTRON-GR-CCL FRM 10,850 TO 10,400'/POH/MU 4" CASING GUN W 22 GRM JET CHARGE/RIH & SHOT (4) 1/2" HOLES PER FOOT FRM 10,781 TO 10,771', 10,696 TO 10,686' & 10,545 TO 10,535' (117 TOTAL HOLES)/NO RESPONSE TO ADDITIONAL PERFS/RD WELEX/MU BAKER 7" 38# R3 PKR/RIH ON (288 JTS) 2-7/8" PRODUCTION TBG/SIFN/

11/12/88
3/CONTINUED IN HOLE W 2-7/8" PROD STG & PKR/SET 7" BAKER R3 DOUBLE GRIP PKR @ 10,442' W 20,000# COMP/LANDED ON DONUT W GAS VALVES @ 10,397', 9984' & OTIS X-NIPPLE @ 10,483'/ND BOPE/INSTLD PROD TREE/RU SWAB STRING & LUBRICATOR/RIH & TAGD FL @ 2260'/SWABBED FL DN TO 8500/LD SWAB TOOLS/NO BLOW ON TBG/SI WELL/ RDPU/WILL PERFORM XYLENE/ACID TREATMENT MONDAY/

11/13/88
SD/NO ACTIVITY/

11/14/88
SD/NO ACTIVITY/

11/15/88
4/RIGGED UP HALLIBURTON/TESTED LINES TO 5000 PSI/PUMPED 60-BBLS OF XYLENE FOR BREAK DOWN RATE 1/4 TO 1/8 OF A BBL A MIN @ 4000 PSI/PUMPED 1000 GALS OF 15% HCL +10# FERCHECK-A/MGAL +1.0% HAT -85 +2-# HII-124/MGAL/PUMPED 1850 GALS OF 13.5% HCL W/1.5% HF & INHIBITOR (PRESSURE DROPED TO 3000 PSI @ 3/4 BPM)/ PUMPED 500 GALS OF 2% AMONIUM CHLORIDE WATER (PRESSURE DROPPED TO 2000 PSI)/ PUMPED 50 LBS OF ILC-80 DIVERTOR/PUMPED 425 GALS OF 15% HCLT 10# FERCHECK- A/MGAL + INHIBI-TOR (PRESSURE DROPPED TO 1750 PSI @ 3/4 OF BBL PER MIN/PUMPED 1000 GALS OF 13.5% HCL/1.5% HF + INHIBITOR (PRESSURE DROPPED TO 750 PSI @ PSI 3/4 BPM/PUMPED 800 GALS OF 2% AMONIUM CHLORIDE WATER W/33% METHONAL/SHUT DOWN PRESSURE WENT TO O/SI WELL/WILL PUMP N2 TUESDAY/

DIVISION OF OIL AND GAS
History of Oil or Gas Well

Rancho San Francisco #120



1988

11/16/88
5/RIGGED UP HALLIBURTON N2 LINES & TRUCK/TESTED LINES TO 5000 PSI/PMPD 120,000 SCF OF N2 @ 3000 PSI RATE OF 1200 SCF PER MIN/FINAL PRESSURE 3000 PSI/RIGGED DN HALLIBURTON/ RETURNED WELL TO PRODUCTION/

11/17/88
6/RU POOL WELL SERVICE RIG #579/OPENED WELL UP/RIGGED UP SWAB STG & LUBRICATOR/RIH & TAGD FLUID @ 8700'/POH W SWAB & RERUN TO 9000' (NO FLUID) LAYED DN SWAB TOOLS/REMOVD LUBRICATOR/LAYED RIG DN/SI WELL/MOVE OUT/ DROPPED FRM REPORT PENDING EVALUATION/

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
NOV - 2 1988
VENTURA, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #120, API No. 037-13298,

Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows: Standing

1. Total depth. 12,797' TD

2. Complete casing record, including plugs and perforations:

See Attached.

3. Present producing zone name Seventh Zone Zone in which well is to be recompleted Seventh Zone

4. Present zone pressure 2100# New zone pressure 2100#

5. Last produced N/A (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

or

6. Last injected Oct.1987 (Date) N/A (Water, B/D) 5805 (Gas, Mcf) 2600 (Surface pressure, psig.)

The proposed work is as follows:

See Attached.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 WEST RYE CANYON ROAD (Street)
VALENCIA (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION AND PRODUCTION COMPANY (Name of Operator)
By F. E. Armijo (Name) 11/1/88 (Date)
F. ARMIJO
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

## RECOMMENDED WORK PROCEDURE Sun—5036-3-C

| WELL NAME | FIELD NAME | COUNTY | STATE |
|---|---|---|---|
| RSF #120 | POTRERO (NEWHALL) | L.A. | CA |

| PERMANENT ZERO POINT | UPPERMOST PLUG | RETAINER |
|---|---|---|
| 12' KB | 10,886' | CMT |

| | SIZE & WEIGHT PROD | DEPTH SET | PACKER DEPTH (TOP) & TYPE | (1) | (2) | (3) |
|---|---|---|---|---|---|---|
| CASING | 7",26#,29#,32#,35#,38# | 10,886(PBTD) | | 10,450' | BAKER | R-3 |

| | SIZE, WEIGHT, GRADE, ETC. | DEPTH SET | TOP OF CEMENT BEHIND PROD CSG. | CALCULATED | LOG |
|---|---|---|---|---|---|
| TUBING | 2 7/8" 6.5# J-5-5 | 10,480' | | Surface | |

| | DEPTH SET | PERFS |
|---|---|---|
| | | 10,510' - 10,830' |

**PROCEDURE** | **RIG TIME**

1. MIRU
2. REMOVE PROD TREE & INSTALL BOE (TEST)
3. RIG UP TP PULL TBG, RELEASE PACKER, POOH W/PROD STRING
4. RIG UP SHOOTERS & SHOOT (4) 3/8" HOLES PER FT FROM 10,780'-10,770' 10,696'-10,686', & 10,545' - 10,535' WITH CASING GUN.

*5. RIH w/PROD STRING, SET PACKER @ 10,450' W/12,000# COMP & LAND

6. REMOVE BOE, INSTALL PROD TREE, RETURN TO PROD FOR EVALUATION.

* IF THE WELL DOES NOT FLOW AFTER PERFORATING, PERFORM THE FOLLOWING:

5A. MIRU B.J. PUMP TRUCK & LINES.
5B. TEST LINES TO 7500 PSI, HOLD SAFETY MEETING.
5C. PUMP #1 STAGE - 500 GALS XYLENE
300 GALS 15% HCL PRE-FLUSH
600 GALS 13 1/2 % HCL - 1 1/2% HF
30# LBS DIVERTOR (BENZOIC ACID FLAKES)

#2 STAGE - 300 GALS 15% HCL PRE-FLUSH
600 GALS 13 1/2% HCL - 1 1/2% HF
30# LBS DIVERTOR

#3 STAGE - 300 GALS 15% HCL PRE-FLUSH
600 GALS 13 1/2% HCL - 1 1/2% HF
DISPLACE W/2 TIMES TUBING VOLUME OF N2

Jerry Burt
D. B. Montgomery 10-25-88
S Kovacevich for TJH 10/31/88

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 18 1961

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in W7-H

THIS NOTICE MUST BE GIVEN BEFORE WORK BEGINS; ONE COPY ONLY

Newhall Calif. December 15 1961

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~abandoning, redrilling, deepening~~ altering casing at Well No. Rancho San Francisco #120-7 (CROSS OUT UNNECESSARY WORDS)

Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Newhall - Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 12797'
   PBTD 10886'

2. Complete casing record.
   13 3/8" 54.5# J-55 ST&C Csg cmt'd @ 391' Cement in annulus to surface
   9 5/8" 40#, 43.5# J-55 N-80 LT&C Csg cmt'd @ 9188'
   Est. top cement in annulus @ 6926'
   7" 26#, 29#, 32#, 35# & 38# N-80 P-110 x-line LT&C Csg
   Cmt'd @ 11,339'. Est. top cement in annulus @ 6930'
   4 1/2" holes @ 10,440' W.S.O.
   4 1/2" holes/ft: 10,510-10,578'; 10,617-10,830'
   4 1/2" holes @ 10,865' W.S.O.
   Cmt plug @ 10,886' and C.I. bridge plug @ 11,003'
   5" 18# J-55 F.J. liner hung @ 12,790' w/hanger @ 11,296'
   168 1/4" rd holes/ft= 11,329-12,009'; 12,120-12,421'; 12,533-12,790'.

3. Last produced. Gas Injection Well (DATE) (NET OIL) (GRAVITY) (GAS)

The proposed work is as follows:

1. Kill well
2. Cement perforated interval 10,730-10,750'
3. Run tubing string w/retrievable packers at 10,485' and 10,744'.
4. Selectively inject gas into either or both 7th Zone intervals

MAP | DATE | NO. | DATE | NO. | DATE

SUNRAY MID-CONTINENT OIL COMPANY
(NAME OF OPERATOR)

By J. O. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN SACRAMENTO

FORM 157 (11-48)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

1015 West Olympic Boulevard
Los Angeles 15, California, July 8, 1954

Mr O A Graybeal
714 West Olympic Boulevard
Los Angeles 15 California

Agent for Sunray Oil Corporation

Dear Sir

Your request dated July 7, 1954, relative to change in designation of well(s) in the Newhall-Potrero field, District No. 1, has been received; and in accordance with Section 3203, Div. 3 of the Public Resources Code.

> "* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Well No. "Rancho San Francisco" 120-9 will hereafter be known as your well No. "Rancho San Francisco" 120-7.

| CORRECTIONS MADE AS FOLLOWS: | BY WHOM |
|---|---|
| FORM 114 | |
| " 115 | KB |
| " 121 | |
| " 148 | |
| CARDS | |
| PRODUCTION REPORTS | |
| WELL RECORDS (FOLDERS) | |
| WELL RECORDS (REPORTS) | |
| FIELD MAPS 18A | |
| MAP BOOK | |

E H MUSSER
~~R. D. BUSH~~
*State Oil and Gas Supervisor*

By R. V. Walling
*Deputy Supervisor*

eb
CC- Mr E H Musser
Prod. Dept.
Conservation Committee

61191 8-53 5750 EFO

SUNRAY OIL CORPORATION
714 WEST OLYMPIC BOULEVARD
LOS ANGELES 15, CALIFORNIA

DIVISION OF OIL AND GAS
RECEIVED
JUL 8 1954
LOS ANGELES, CALIFORNIA

July 7, 1954

Division of Oil and Gas
1015 West Olympic Blvd.
Los Angeles 15, Calif.

Gentlemen:

We are enclosing herewith two copies of the well summary; history; core record; and 1"-50' B/W prints of the electric log pertaining to our well No. "Rancho San Francisco" 120-9 in the Newhall-Potrero Field.

We are also enclosing two copies each of the well summary and history pertaining to the recompletion of this well in the 7th Zone.

Inasmuch as this well is now a 7th Zone well, it would be appreciated if you would change your records to show this well as "Rancho San Francisco" 120-7.

Yours very truly,

SUNRAY OIL CORPORATION

T. H. Acres

T. H. Acres
Chief Engineer

dg
encls. (12)

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 8 1954
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. "Rancho San Francisco" 120-7 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 3080' S. & 5379' E. from Corner "J" Elevation of ground ~~or~~ kelly bushing above sea level 1277 feet. 1263.63

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 29, 1954 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling August 8, 1953 Completed drilling April 30, 1954 Drilling tools Rotary

Total depth 12,797' Plugged depth 10,886'

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 7th Zone June 10, 1954 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 448 | 30.3 | 0.1 | 72 | 200 | 800 |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 391' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 325 | -- |
| 9-5/8" | 9,188' | Surface | 40#&43.5# | New | Smls | J-55&N-80 | 12-1/4" | 600 | -- |
| 7" | 11,338' | Surface | 26,29,32, 35 & 38# | New | Smls | P-110&N-80 | 8-1/2" | 500 | -- |
| 5" | 12,790' | 11,296' | 18# | New | Smls | J-55 | 8-1/2" | -- | -- |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 10,510 ft. | 10,578 ft. | Four 1/2" Jet Holes/Ft. | | | Jet |
| 7" | 10,617 ft. | 10,830 ft. | " " " " " | | | " |
| 5" | 11,329 ft. | 12,009 ft. | 168 1/4" Rd. Holes/Ft. | 14 | 1-1/8" | Shop |
| 5" | 12,120 ft. | 12,421 ft. | " " " " " | 14 | 1-1/8" | " |
| 5" | 12,533 ft. | 12,700 ft. | " " " " " | 14 | 1-1/8" | " |

Electrical Log Depths 9189'; 11,752'; 12,794' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 8 1954
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Sunray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco 120-7, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date June 29, 1954 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

Date 1954

RECOMPLETION IN 7TH ZONE

6/1 Killed well with 94# Ken-oil. Pulled tubing.

6/2 Set McCullough Type "B" aluminum bridge plug at 11,008'.

6/3 Plugged with 20 sacks Victor Hi-Temp cement from 11,006' to 10,881'. Felt for cement plug with tubing. Found no cement plug or bridge plug. Pulled tubing.

Ran Baker Type 3A feeler and junk basket on McCullough wire line to 11,033'. Set Baker Model N cast iron bridge plug with McCullough wire line at 11,003'. Located cast iron plug with tubing. Plugged with 20 sacks Colton Hi-Temp cement from 11,001' to 10,875'.

6/5 Tested plug at 10,982' with 3600 psi. Plugged with 20 sacks Colton Hi-Temp cement from 10,980' to 10,849'.

6/6 Located top of cement with tubing at 10,886' with 4000#. Pulled tubing. Ran McCullough 5" jet gun to 10,648' but would not go deeper. Pulled out and ran 5-3/4" bit and Baker casing scraper to 10,847'.

6/7 Shot four 1/2" holes per foot with 5" McCullough jet gun from 10,830' to 10,780' (200 holes).

6/8 Shot four 1/2" holes per foot with 5" McCullough jet gun from 10,780' to 10,750' (116 holes). Changed from 88# Ken-oil to 74# Ken-oil.

6/9 Shot four 1/2" holes per foot with B. J. 5" tubular jet gun on McCullough wire line from 10,750' to 10,617' and from 10,578' to 10,510'.

6/10 Ran tubing to 10,822' and changed from Ken-oil to crude oil and completed well in 7th Zone. Perforated interval 10,830' to 10,617' and 10,578' to 10,510'.

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL IN BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 8 1954
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco (120-9) Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 3080' S. & 5379' E. from Corner "J" Elevation of ~~ground or concrete~~ kelly bushing above sea level 1277 feet. 1263.63

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 28, 1954 Signed O. A. Graybeal Jr.

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling August 8, 1953 Completed drilling April 30, 1954 Drilling tools Rotary

Total depth 12,797' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 9th Zone April 30, 1954 ~~flowing~~/gas lift/~~pumping~~
(date) (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | -- | -- | 100 | -- | 125 | 725 |
| Production after 30 days | -- | -- | 100 | -- | 125 | 725 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforations |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 391' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 325 | -- |
| 9-5/8" | 9,188' | Surface | 40&43.5# | New | Smls | J-55&N-80 | 12-1/4" | 600 | -- |
| 7" | 11,338' | Surface | 26,29,32, 35 & 38# | New | Smls | P-110&N-80 | 8-1/2" | 500 | -- |
| 5" | 12,790' | 11,296' | 18# | New | Smls | J-55 | 8-1/2" | -- | -- |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5" | 11,329 ft. | 12,009 ft. | 168 1/4" Rd. Holes/Ft. | 14 | 1-1/8" | Shop |
| 5" | 12,120 ft. | 12,421 ft. | " " " " " | 14 | 1-1/8" | Shop |
| 5" | 12,533 ft. | 12,700 ft. | " " " " " | 14 | 1-1/8" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 9,189'; 11,752'; 12,794' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 8 1954
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Sunray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco (120-9), Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date June 21, 1954 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1953 | |
| 8/30 | Spudded in with 12-1/4" bit and drilled ahead to 548'. Opened hole to 17-1/2" to 391'. |
| 8/31 | Ran 13-3/8" 54.5# J-55 casing. Cemented shoe at 391' with 325 sacks of Colton Construction cement containing 2-1/2% gel. Had cement returns to surface. |
| 9/1 | Found top of cement at 380' and shoe at 391'. Drilled ahead with 12-1/4" bit. |
| 10/6 | Twisted off; top of fish at 5929'. Hooked onto fish but lost fish. |
| 10/7 | Recovered part of fish. |
| 10/8 | Recovered remainder of fish. Drilled on junk. |
| 9 | Ran Bowen Magnet - no recovery. Drilled on junk. |
| 10/10 | Ran Bowen Magnet - no recovery. Drilled on junk. Ran Bowen Magnet and recovered cone - all junk recovered. Drilled ahead with 12-1/4" bit. |
| 10/19 | Changed to low pH oil emulsion mud. |
| 10/20 | Twisted off; top of fish at 7375'. Recovered fish. |
| 10/21 | Twisted off; top of fish at 7771'. Recovered fish and drilled ahead. |
| 10/26 | 1st Run Schlumberger Electric Log to 9189'. Drilled ahead with 12-1/4" bit to 9191'. |
| 11/2 | Ran 9-5/8" 40# and 43.5# J-55 and N-80 LT&C casing. Cemented shoe at 9188', float collar at 9098', with 600 sacks of Colton Hi-Temp cement. |
| 11/6 | Drilled out with 8-1/2" bit. Found float collar at 9096' and shoe at 9186'. Changed from low pH oil emulsion mud to Ken-oil. |
| 11/7 | Cored ahead with 8-3/8" diamond core head to 9538'. |
| 11/18 | Opened hole to 8-1/2" and drilled ahead to 11,265'. |
| 1954 | |
| 1/3 | Cored ahead with 7-5/8" diamond core head to 11,603'. |
| 1/14 | Opened hole to 8-1/2" to 11,603'. |
| 1/16 | Cored ahead with 7-5/8" diamond core head to 11,752'. |
| 1/20 | 2nd Run Schlumberger Induction and Neutron Log to 11,752'. |
| 1/21 | Ran J.F.T. #1 with packer at 11,614' and 11,622' and tail piece to 11,752'. Packer failed. |
| 1/22 | Opened hole to 8-1/2" to 11,752'. |
| 1/23 | Cored ahead with 7-5/8" diamond core head to 12,044'. |
| 2/5 | Opened hole to 8-1/2" to 12,044'. |
| 2/6 | Cored ahead with 7-5/8" diamond core head to 12,222'. |
| 1 | Opened hole to 8-1/2" to 12,222'. |
| 3 | Cored ahead with 7-5/8" diamond core head to 12,343'. |
| 2/17 | Opened hole to 8-1/2" to 12,343'. |
| 2/19 | Cored ahead with 7-5/8" diamond core head to 12,374'. Opened hole to 8-1/2" to 12,394' and drilled ahead to 12,437'. |

DIVISION OF OIL AND GAS
RECEIVED
JUL 8 1954
LOS ANGELES, CALIFORNIA



| Date 1954 | |
|---|---|
| 2/24 | Cored ahead with 7-5/8" diamond core head to 12,492'. |
| 2/26 | Opened hole to 8-1/2" to 12,494'. |
| 2/27 | Cored ahead with 7-5/8" diamond core head to 12,614'. |
| 3/2 | Opened hole to 8-1/2" to 12,614'. |
| 3/3 | Ran Sperry-Sun Directional Survey to 12,484'. |
| 3/4 | Cored ahead with 7-5/8" diamond core head to 12,767'. |
| 3/10 | Opened hole to 8-1/2" to 12,767'. |
| 3/11 | Cored with 7-5/8" diamond core head to 12,797'. Stuck pipe on bottom. Weld broke on tool joint at 778'. Backed off with shot and pulled out. Ran back in, screwed pipe together, and worked core barrel out of core hole. |
| 3/13 | Opened hole to 8-1/2" to 12,797' (total depth) and reamed hole in preparation to run casing. |
| 3/16 | 3rd Run Schlumberger Induction and Neutron Log from 11,752' to 12,794'. |
| 3/17 | Ran 7" 26#, 29#, 32#, 35#, and 38# N-80 and P-110 LT&C and Ex-Line casing. Cemented shoe at 11,338', float collar at 11,257', with 500 sacks of Colton Hi-Temp cement. |
| 3/21 | Drilled out cement to 11,320'. Float collar at 11,255'. Shot four 3/8" holes at 10,440' with McCullough bullet gun. Ran J.F.T. #2 to test holes at 10,440' with packer at 10,419' and tail pipe to 10,434'. Packer failed. |
| 3/22 | Ran J.F.T. #3 to test holes at 10,440'. Packer set at 10,416' and tail pipe to 10,433'. Had light blow for 1-1/2 minutes, very light blow for 15 minutes, and dead balance of test. Tester open one hour. Recovered 97' net rise Ken-oil. W.S.O. approved by Mr. Borkovich of the Division of Oil and Gas. |
| 3/23 | Shot four 3/8" holes at 10,865' with McCullough bullet gun. Ran J.F.T. #4 to test holes at 10,865'. Packer set at 10,842' and tail pipe to 10,860'. Had medium steady blow for 4 minutes, light blow for 40 minutes, and weak blow for 2 minutes. Packer failed at 46 minutes. Recovered 275' net rise Ken-oil. |
| 3/24 | Shot four 3/8" holes at 11,310' with McCullough bullet gun. Ran J.F.T. #5 to test holes at 11,310'. Packer set at 11,280' and tail pipe at 11,297'. Had medium blow for 3 minutes, light blow for 6 minutes, and weak blow for 10 minutes. Had heading weak blow for remainder of test. Test valve open one hour. Recovered 3450' net rise of gas cut Ken-oil, 23% water cut. |
| 3/25 | Squeeze cemented holes at 11,310'. Broke down holes at 1600 psi. Squeezed 18 sacks of cement away with pressure buildup from 1800 psi to 3200 psi. Found cement at 11,273'. |
| 3/27 | Drilled out cement and retainer and shoe. Shoe at 11,334'. Cleaned out to 12,789'. |
| 3/28 | Ran 5" J-55 18# F.J. liner with shoe at 12,790' and hanger at 11,296'. Perforated with 168 1/4" round holes per foot. Perforated intervals 11,329' to 12,009'; 12,120' to 12,421'; and 12,533' to 12,700'. |
| 3/30 | Ran 2-7/8" and 2-3/8" tubing to 12,754'. Changed from Ken-oil to crude oil and completed the well. |

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 25 1953
LOS ANGELES, CALIFORNIA

037-13298

5

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. August 20, 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

| MAP | MAP BOOK | CARDS | BOND | PERMITS 114 | PERMITS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 120-9, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3080 feet N. or S., and 5379 feet E. or W. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~conc.mat~~ ground or kelly bushing above sea level is 1263.63 1277 (Est.) feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 11,350 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 375' | Cemented |
| 9-5/8" | 40, 43.5 & 47# | "D", J55&N80 Smls | 9200' | Cemented |
| 7" | 23,26,29 & 32# | J55 & N80 Smls | 11350' | Cemented |
| 5" | 20# | N-80 Smls | 12500' | Landed |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

SUNRAY OIL CORPORATION
~~XXXXXXXXXXXXXXXXXXXXXX~~
(Name of Operator)

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Company Field Newhall-Potrero County Los Angeles
Well Rancho San Francisco No. 122 Sec. 26 T. 4N R.17W ✓ S.B.B.&M.
A.P.I. No. 037-13299 Name Alex Iwasiw (Person submitting report) Title Operations Manager (President, Secretary, or Agent)
Date March 3, 2005 (Month, day, year)
Signature
Address 26835 Pico Canyon Road Newhall, CA 91321 Telephone Number 661/254-2856

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

| Date | |
|---|---|
| 2/17/04 | MI & RU Torch Service Rig #2. |
| 2/18/04 | Pumped 60 barrels of Hot Oil down tubing. POOH with rods and DHP. ND tree and NU BOP's.. PU 7 jts of 2 7/8" N-80 tubing and tagged fill at 11,635' (35' of fill on bottom). Pulled 160 stands of 2 7/8" tubing OOH. |
| 2/19/04 | FPOOH with tubing. PU and WIH with a 5 7/8" bit and 7" Baker 32# casing scraper. Tagged top of liner at 11,230'. POOH. PU a 2 7/8" STC flapper valve, 10 joints of tubing and 2 7/8" Weatherford Sand Pump. WIH with 140 stands of 2 7/8" tubing. |
| 2/20/04 | FGIH and tagged fill at 11,635'. Bailed down to 11,670' TD. Pulled end of bailer to 10,988'. WIH with rods out of derrick. POOH and laid down 160 – 7/8" and 236 – ¾" rods. |
| 2/23/04 | Started POOH and laying down 2 7/8" N-80 tubing. |
| 2/24/04 | FPOOH laying down tubing, RU HOWCO logging truck. Ran GR/CCL/CNL from 11,658' up to 8400'. |
| 2/25/04 | Perforated the 7th Zone from 11,479' to 11,499' and 11,521' to 11,541' with 4 JPF. ND BOP's. Installed a 7 1/16" 5M x 10M tubing head. NU 7 1/16" 3M BOP and installed 3 ½" pipe rams. PU 2 7/8" bottom lock shoe, 9 day pressure bomb, 10' - 3 ½" pup with 80 – ½" holes and a 7" HOWCO RTTS Packer. WIH with 3 ½" EUE 8rd P-110 tubing, testing same to 10,000 psi. RD and moved out Torch Rig #2. |
| 26/04 | MI and RU Pool Rig #378. Continued GIH and testing 3 ½" tubing to 10,000 psi. |
| 2/27/04 | Continued GIH and testing 3 ½" tubing to 10,000 psi. Bottom of tail at 11,169'. |
| 2/28/04 | ND BOP's. Set 7" HOWCO RTTS (bottom of packer at 11,174.48' and end of tail at 11,208.88'). Landed tubing on 7 1/16" tubing hanger. NU 10,000 psi Frac Tree. Tested flange seal and tubing hanger to 7,500 psi. PU 3 ½" x 7" annulus to 500 psi. HOWCO Fraced the 7th Zone (11,253' to 11,668') with 20,790 gallons of lease Crude Oil with 6000 psi of 20/40 Super LC Sand. Maximum PIP was 8,836 psi and ISIP was 3,871 psi. SIP bled to zero in approximately 4 minutes. Opened well on a vacuum. RD HOWCO. |
| 3/1/04 | Tubing on vacuum and annulus had 700 psi. Bled off casing and ND Frac Tree. NU BOP's. WIH with swab to 4800'. POOH and recovered frac sand. WIH with sinker bars to 11,000' without any problems. WIH with swab to 10,800'. No fluid recovery. |
| 3/2/04 | Shot fluid level. FL at 9600'. Opened by-pass on RTTS and then released RTTS. WIH with swab to 3800' (tagged FL at 2700'). Started OOH and pulled out of rope socket. WIH with swab to 6400' (tagged FL at 6080'). Reset RTTS. Total Fluid Recovery = 10 barrels. |
| 3/3/04 | Released RTTS. WIH with swab to 8150' (tagged FL at 7464'). Started OOH with 3 ½" tubing. |
| 3/4/04 | Continued POOH and laying down 3 ½" 9.3# P-110 tubing. |
| 3/5/04 | FPOOH and laying down 3 ½" 9.3# P-110 tubing. Recovered Swab lost on 3/2/04. ND BOP's and removed Frac Tubing Head. NU BOP's. PU 2 7/8" STC flapper valve, one joint of tubing and 2 7/8" Weatherford Sand Pump. PU and WIH with 142 stands of 2 7/8" tubing. |
| 3/8/04 | Continued to PU and GIH with 2 7/8" tubing. Tagged fill at 11,615' (55' fill). Bailed down to 11,670' PBD. Started OOH. |
| 3/9/04 | FPOOH. PU production BHA and WIH with 2 7/8" N-80 tubing, testing same to 6000 psi. ND BOP's and NU Tree. |
| 3/10/04 | PU DHP and WIH with rods. Hung rods on Pumping Unit. RD and MO Pool Service Rig. |
| 3/19/04 | MI and RU Pool Service Rig #374. POOH with DHP and rods. (Note: DHP had a bad seat.) RD Tree and NU BOP's. Unlanded tubing and WIH to 11,670' PBD, No fill. Landed tubing with EOT at 11,577'. ND BOP's and NU Tree. |
| 3/24/04 | WIH with DHP and rods. Set DHP, but could not fill tubing with filtered lease water. POOH with rods and DHP. DHP was okay. ND Tree and NU BOP's. Started OOH with tubing. |
| 3/25/04 | FPOOH. Changed shoe. WIH with tubing testing to 6000 psi. ND BOP's and NU Tree. |
| 3/26/04 | WIH with DHP and rods. Filled tubing and tested to 300 psi. RD and MO Pool Service Rig. |

RECEIVED
MAR 10 2005
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (6/97/GSR/5M)

SUBMIT IN DUPLICATE

The Resources Agency of California
Department of Conservation
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# WELL STATUS INQUIRY

**CORRECTED COPY** Ventura ,Calif.

February 28, 2005

To: Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield CA 93308

In a notice dated 02/24/2004 , you propose to reperforate
Well "Rancho San Francisco" 122 API number 037-13299
Field Newhall Potrero , County Los Angeles , Sec. 26 ,T. 4N ,R. 17W , SB B.&M.

Please indicate below the conditions or intentions regarding this proposed work, and return the completed form to this office within 10 days.

Hal Bopp,
*State Oil and Gas Supervisor*

ms By

---

☒ PROPOSED WORK HAS BEEN DONE. (If you check this box, please file the required well records on this work in duplicate within 60 days after work was completed.*)

☐ PROPOSED WORK IS IN PROGRESS AND SHOULD BE COMPLETED ABOUT _____.
*(date)*

☐ PROPOSED WORK HAS NOT BEEN DONE, BUT WE STILL INTEND TO DO THE WORK.**

☐ SUPPLEMENTARY NOTICE (Form OG123) ATTACHED.

☐ PLEASE CONSIDER THIS FORM AS A SUPPLEMENTARY NOTICE.

☐ WE DO NOT INTEND TO DO THE PROPOSED WORK. Please cancel our notice to _____

_____, dated _____.

☐ OTHER: _____

Bradford A. DeWitt
*(Signature)*

Bradford A. DeWitt for
*(Name and title)*
Petrotech Inc., Agent

* Division 3 of the *Public Resources Code* states, in part:
Section 3215, ...Well records shall be filed 60 days after completion or suspension of proposed work.

** Section 3203, ...If operations have not commenced within one year of receipt of the notice, the notice will be considered canceled. (To prevent cancelation, file a Supplementary Notice with the division.)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
OCT 30 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13299

6

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. October 26, 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 122-7, Sec. 26, T. 4 N. (NB) R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2533.08 feet ~~N. or~~ S., and 6773.43 feet E. ~~or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground or ~~conc. mat~~ above sea level is 1098.15 / 1085.10 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 300' | Cemented |
| 7" | 23,26,29,32&35# | J-55, N-80,P110 Smls | 11170' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 11520' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By O. A. Graybeal Jr.
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A (NB) | (NB) | | Blanket | | |

OPERATOR MEDALLION

WELL NO. "RSF" 123

MAP

A.P.I. 037-13300

SECTION 26, T. 4 N, R. 17 W

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | PERFORATE | | | | | |
| NOTICE DATED | 02/09/2005 | | | | | |
| P-REPORT NUMBER | P205-22 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 02/09/05 | | | | | | | | | | | |
| HISTORY | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE

FINAL LETTER OK

MAILED

RELEASED BOND

JECTION BOOK

LE WELL LIST

SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL

ABANDONED-REMOVED FROM E.D.P.

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SCHLUMBERGER

## ELECTRICAL LOG

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL POTRERO 26 - 4N - 17W
WELL R.S.F. NO. 123-7
COMPANY SUNRAY OIL CORP.

MEDALLION CALIFORNIA PROPERTIES CO.

037-13300 [redacted]

WELL R. S. F.

NO. 123-7

FIELD NEWHALL POTRERO

LOCATION 26 - 4N - 17W

COUNTY LOS ANGELES

STATE CALIFORNIA

Location of Well

ES+NL

Elevation: D.F.:
K.B.: 1259
or G.L.:

FILING No.

| RUN No. | 1 ES | 1 NL |
|---|---|---|
| Date | 6-21-54 | 7-5-54 |
| First Reading | 10510 | 10679 |
| Last Reading | 300 | 10474 |
| Feet Measured | 10210 | 205 |
| Csg. Schlum. | 300 | 10474 |
| Csg. Driller | 301 | 10474 |
| Depth Reached | 10512 | 10680 |
| Bottom Driller | 10515 | 10684 |
| Depth Datum | K.B. | K.B. |
| Mud Nat. | Clay | Ken Oil |
| " Density | 80.5 | 79 |
| " Viscosity | 81 | 140 |
| " Resist. | 1.5@ 96°F | ∞ @ -°F |
| " Res. BHT | 0.9@177°F | ∞ @ -°F |
| " pH | 8.0@ 96°F | - @ -°F |
| " Wtr. Loss | - CC 30 min. | - CC 30 min. |
| Max. Temp. °F | 177°F. | |
| Bit Size | Remarks | Remarks |
| Spcas. AM | 16"-M | |
| AO-- | 10 | |
| AO.. | 19 | |
| Opr. Rig Time | 3 hrs. | 2 hrs. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P205-22

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)

00
(area code)

32
(new pool code)

40
(old pool code)

Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Hwy
Bakersfield CA 93308

Ventura, California
February 15, 2005

Your _____ proposal to perforate well "Rancho San Francisco" 123, A.P.I. No. 037-13300 Sec. 26, T. 4N, R. 17W, SB B.&M., Newhall Potrero field, _____ area, _____ pool Los Angeles County, dated 02/09/2005 received 02/09/2005 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. Wire line operations are conducted through at least a 2M lubricator.
4. The proposed bridge plug at 9935' may not fulfill the requirements for the abandonment of the lower portion of the well without further considerations.
5. This office shall be consulted before initiating any changes or additions to this proposed operation or if operations are to be suspended.
6. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To inspect the installed blowout prevention equipment prior to commencing downhole operations.

SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

Hal Bopp, State Oil and Gas Supervisor

By _____
*Deputy Supervisor*

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

RCF

2/9/05

# Medallion California Properties Company

## Well No. RSF 123
## API No.: 037-13300
## Sec 26, T4N-R 17W
## Field: Newhall Potrero

## Test the 5th Zone

## Wellbore History and Data

| | | |
|---|---|---|
| **T.D.:** | 10,682' | **Spud Date:** 4/4/54 |
| **PBTD:** | 10,681 | **Orig. Completion Date:** 7/8/54 |
| **Casing:** | 13-3/8", 54.5# csg | 0' - 301', cmt'd w/ 195 sacks |
| | 7", 23# ,26# & 29# J-55, N-80, P110 csg | 0' – 10,474', cmt'd w/ 600 sacks. Top of cement behind 7" between 8501' to 8952'. |
| | 5 ½", 17# J-55 Liner | 10,441' to 10,681' |
| **W.S.O.:** | At 10,435' | |

**Cored:** Data not available.

**Original Perforations:** 10,463' – 10,680' with 192 ¼" round holes per foot with 16 rows on 1" centers (7th Zone).

**Elev:** All depths refer to K.B. measurements, 13.0' above the mat.

RECEIVED
FEB - 9 2005
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

## Recommended Procedure

1. MIRU. POOH with rods and DHP.
2. NU BOP's. POOH with 2 7/8" 6.5# EUE.
3. PU 6" bit, 7" casing scraper and 2 7/8" EUE tubing RIH to 9935', POOH.
4. PU 7" RBP, RIH to 9935' and set. POOH with tubing.
5. RIG up wire line, pressure casing to 1000 psi, run CBL and CNL logs. Locate cement top and log 1st through 5th zones.
6. RIH with tubing and swab fluid down to 8000'. POOH.
7. RU wire line perforators. Perforate the following 5th zone intervals with 5 ½" JHPF:

   9131' to 9513' select intervals from CNL log.
8. Rig down perforators.

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 10 1954
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 123-7 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 4203.57' S. & 7865.53' E. from Cor. "J" Elevation of ground ~~or kelly bushing~~ above sea level 1258.70 feet.
~~conc. mat~~ 1243.70

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date July 15, 1954 Signed O. A. Grayheal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Grayheal Agent (President, Secretary or Agent)

Commenced drilling April 4, 1954 Completed drilling July 8, 1954 Drilling tools Rotary

Total depth 10,682' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing July 8, 1954 (date) Flowing/gas ~~lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 403 | 30.2 | 0.2 | 236 | 120 | 860 |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 301' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 195 | -- |
| 7" | 10,474' | Surface | 26,29,23# | New | Smls | P110,N80, & J-55 | 10-5/8" | 600 | -- |
| 5-1/2" | 10,681' | 10,441' | 17# | New | Smls | J-55 | 5-7/8" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 10,463 ft. | 10,680 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,512' and 10,679' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 10 1954
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Sumray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco 123-7, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date July 8, 1954 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1954 | |
|---|---|
| 4/5 | Spudded in with 11" bit and drilled ahead to 708'. |
| 4/6 | Opened hole to 17-1/2" to 301'. Ran 13-3/8" 54.5# J-55 ST&C casing. Cemented shoe at 301' with 195 sacks of Construction cement containing 2-1/2% gel. Had estimated 50 cu. ft. cement returns to surface. |
| 4/7 | Found cement at 293' and shoe at 301'. Drilled ahead with 11" bit to 9797'. |
| 6/7 | Drilled ahead with 10-5/8" bit to 10,515'. |
| 6/22 | 1st Run Schlumberger Electric Log from 301' to 10,512'. |
| 6/24 | Ran 7" 26#, 29#, and 23# P-110, N-80, and J-55 LT&C casing. Cemented shoe at 10,47( float collar at 10,388', with 600 sacks of Colton Hi-Temp cement. |
| 6/26 | Ran Sperry-Sun Directional Survey from zero to 10,400'. |
| | Drilled out cement to 10,764'. Found cement at 10,385' and float collar at 10,388'. |
| 6/27 | Shot four 3/8" holes at 10,435' with McCullough Bullet Gun. |
| | Ran Johnston Formation Tester on 2-7/8" 10.40# drill pipe with 1020' mud cushion and 3/8" bottom bean. Packer at 10,402' and tail piece to 10,420'. Tester open one (1) hour. Had light blow for 2-1/2 minutes and dead remainder of test. Had 15' net rise of drilling fluid. Test witnessed and approved by Mr. Borkovich of the Division of Oil and Gas. |
| 6/28 | Found shoe at 10,474'. Changed to Ken-oil base mud. Drilled ahead with 6" bit to 10,538'. |
| 6/30 | Cored ahead with 5-7/8" diamond core head to 10,682', total depth. |
| 7/5 | Ran Schlumberger Neutron Log from 10,474' to 10,679'. |
| 7/6 | Ran 5-1/2" 17# J-55 F.J. liner with shoe at 10,681' and hanger at 10,441'. Perforated with 192 - 1/4" round holes per foot from 10,463' to 10,680'. |
| 7/7 | Ran 334 joints of 2-1/2" N-80 and J-55 tubing and 9 joints of 2" J-55 tubing. |
| 7/8 | Changed from Ken-oil to crude oil and completed well. |

RWT:dg

Form 5-OD

# CORE RECORD

AUG 10 1954

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY Sunray Oil Corporation WELL (R.S.F.) 123-7

LOCATION 4203.51' S. & 7865.53' E. from Corner "J" Page 1 LOS ANGELES, CALIFORNIA SECT. 26 T. 4 N. R. 17 W. ELEV. 1256.20' KB

| DATE 1954 | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Core No. 1 | | | | | | | | | | | |
| 6/30 | Merc. | 5-7/8" | 10538 | 10567 | 29 | 100 | | | | 4' | Light to dark brown oil sand, fine to medium, friable to firm, local poker chip parting, micaceous, good stain and odor. | F |
| | | | | | | | | | | 2' | Brown to black, friable to firm, good stain and odor, common carbonaceous material and shale inclusions to 2"-4". Thin streaks siltstone and shale at 10,543'. | |
| | | | | | | | | | | 5' | Light to dark brown oil sand, medium to pebbly conglomerate, friable to firm, (3' sand and 2' pebbly conglomerate with pebbles to 1/8"). | |
| | | | | | | | .5' | | | | Dark gray siltstone with carbonaceous inclusions, very hard. | |
| | | | | | | | | | | 8' | Dark brown to dark gray oil sand, firm to medium hard, (1' pebbly conglomerate to 1/8", subrounded to rounded; 7' medium to coarse sand grading to coarse on bottom). Occasional impermeable streaks. Good to poor stain and odor. Dip 35° at 10,550' and 45-1/2° at 10,557'. | |
| | | | | | | | x | 3' | x | | Light to dark gray silty sand and sandstone shell, very hard to medium hard at bottom. Occasional shale inclusions to 4". | |
| | | | | | | | | | | 1.5' | Dark brown oil sand, fine to medium, well sorted, medium hard, good stain and odor. | |
| | | | | | | | x | | 2.5' | | Light to dark gray sandstone shell and siltstone, very hard, very micaceous, dip 46°. | |
| | | | | | | | | | | .5' | Light brown oil sand (?), very fine to coarse, hard, fair stain and odor, looks tight. | |
| | | | | | | | x | | 1' | | Light to dark gray sandstone shell and siltstone, very hard and very micaceous. | |
| | | | | | | | | | | 1' | Dark brown oil sand, fine to medium, occasional pebbles to 3/16" and occasional shale inclusions and carbonaceous material, firm. | |
| | Core No. 2 | | | | | | | | | | | |
| 7/1 | Merc. | 5-7/8" | 10567 | 10596 | 29 | 100 | | | | .5' | Dark brown oil sand, fine, medium hard, well | F |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

FORM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off

(FORMATION TESTER)

No. T 154-791

Mr. O A Graybeal
714 West Olympic Blvd
Los Angeles 15 California
Agent for SUNRAY OIL CORP

Los Angeles 15 Calif.
July 14 1954

DEAR SIR:

Your well No. "Rancho San Francisco" 123-7, Sec. 26, T. 4 N, R. 17 W, S B B & M. Newhall-Potrero Field, in Los Angeles County, was tested for water shut-off on June 27, 1954. Mr. G.J.Borkovich, Engineer, designated by the supervisor was present from 5:00 to 6:00 p.m. as prescribed by law; there were also present F. Williams, Engineer; J. Murphy, Drilling Foreman.

Shut-off data: 7 in 23,26,29 lb. casing was xxx cemented xxxxx at 10,474 ft. on June 24, 1954 in 10-5/8" in. hole with 600 xxxxx sacks of cement xxxxx calculated to fill behind casing to 8647 ft. below surface.

Casing record of well: 13-3/8" cem. 301'; 7" cem. 10,474', four 3/8" holes 10,435', W.S.O.

Present depth 10,515 ft. cmt. bridge 10,474 ft. to 10,464 ft. Cleaned out cmt. 10,385 ft. to 10,464 ft. for test. A pressure of 1000 lb. was applied to the inside of casing for 10 min. without loss after cleaning out to 10,464 ft. A Johnston gun and tester was run into the hole on 2-7/8 in. drill pipe xxxxx, with 1020 ft. of xxxx-mud cushion, and packer xx set at 10,402 ft. with tailpiece to 10,420 ft. Tester valve, with 3/8 in. bean, was opened at 1:01 p.m. and remained open for 1 hr. and xxx min. During this interval there was a light blow for 2½ min., then no blow thereafter.

Mr. Williams reported:

1. An 11" rotary hole was drilled from 301' to 9797'; a 10-5/8" rotary hole, 9797'-10,515'
2. The 7" casing was shot-perforated with four 3/8" holes at 10,435'.

THE ENGINEER NOTED:

1. When the drill pipe was removed, 15' net of drilling fluid was found in the drill pipe above the tester, equivalent to 0.07 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hr.

THE 7" SHUT-OFF AT 10,435' IS APPROVED.

GJB:OH

CC Company

R. D. BUSH, State Oil and Gas Supervisor

By R. W. Walling, Deputy

87312 10-53 28,500 SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 154-427

Los Angeles 15 Calif. April 15 19 54

Mr. O A Graybeal
Los Angeles 15 Calif.
Agent for SUNRAY OIL CORPORATION

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 123-7 Sec. 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by G. J. Borkovich, Inspector, representative of the supervisor, on April 8, 19 54. There was also present W. Vaughan, Drilling Foreman; J. Brewster, Driller

Casing Record 13-3/8" cem. 301'; T. D. 919' | Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 11:00 a.m. and Mr. Vaughan reported:

1. A 17½" rotary hole was drilled from the surface to 301'.
2. On April 6, 1954, 13-3/8", 55-lb. casing was cemented at 301' with 200 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 301' to 919'.

THE INSPECTOR NOTED the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4½" drill pipe.
2. A Hydril blowout preventer for closing in the well with the drill pipe out of the hole.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stop-cock into the 13-3/8" casing below the above equipment.
5. A high pressure stop-cock on the kelly.

The inspection was completed at 11:30 a. m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

E. H. MUSSER
~~R. D. BUSH~~
State Oil and Gas Supervisor

By R. N. Walling Deputy

GJB:my
cc - Company

44226 5-51 14,250 ② SPO

FORM 111 (1-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

D

## REPORT ON PROPOSED OPERATIONS

No. P 154-434

Los Angeles 15 Calif. April 6 1954

MR. O A Graybeal
714 West Olympic Boulevard
Los Angeles 15 Calif.

121

Agent for SUNRAY OIL CORPORATION

DEAR SIR:

Your proposal to drill Well No. 123-7 "Rancho San Francisco",

Section 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, Los Angeles County,

dated Mar 29 1954, received Apr 2 1954, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:
"The well is 4203.57 feet S. and 7865.53 feet E. from Corner "J"
The elevation of the kelly bushing 1256.20 / ground 1243.70 above sea level is feet.
We estimate that the first productive oil or gas sand should be encountered at a depth about _____ feet."

PROPOSAL:
"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing | Weight | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 300' | Cemented |
| 7" | 23#,26#,29#,32# | P-110, N-80&J-55 | Smls | 10,516' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 10,836' | Landed |

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:
THE PROPOSAL IS APPROVED PROVIDED THAT
1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS
   (a) To inspect the installed blowout prevention equipment before drilling below 1000'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

FEK:ES G/B

cc Company

Blanket bond.

E. H. MUSSER

State Oil and Gas Supervisor

By R. J. Walling Deputy

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

037-13300

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
APR 2 1954
LOS ANGELES, CALIFORNIA

11

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. March 29 1954

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 123-7, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 4203.57 feet ~~N or~~ S., and 7865.53 feet E. ~~or W~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground or ~~xxxxxxxx~~ above sea level is 1256.20 / 1243.70 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about ..... feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 300' | Cemented |
| 7" | 23#,26#,29#,32# | P-110, N-80&J-55 Smls | 10,516' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10,836' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~XXXXXXXXXXXXXXXXXXXX~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

May 14, 2001

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 125,

A.P.I. No. (037-12879), Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated February 21, 2001, received March 26, 2001, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 8, 2001.

2. Site inspection made and approved April 30, 2001.

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
(Signature of Deputy Supervisor)

Patrick J. Kinnear
(Typed Name of Deputy Supervisor)

tkc

OG159 (4/98)

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## history of Oil or Gas Well

Operator **Medallion California Properties Co.** Field **Newhall-Potrero** County **Los Angeles**

Well **"Rancho San Francisco" 125** Sec. **26** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-12879** Name **Alex Iwasiw** (Person submitting report) Title **Agent** (President, Secretary or Agent)

**February 21,** , 20 **01**

Signature

**26835 W. Pico Canyon Road Newhall, CA 91321** (Address) **(661) 254-2856** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12-18-00 | Move in, rig up. Rig up wireline to shoot link jets at 4,953′ ±. Run sat. Down at 1,819′. Run sat. down at 4,506′. Run sat. Down at 4,080′. Run in hole with coil to 2,000′. Pressure test casing to 1,000 p.s.i. (Good). Pull out of hole. Run in with wireline; unable to get past 4,400′. Pull out of hole. Run in with coil tubing to 4,400′. Pump down coil, run in hole with tubing to 4,861′. Continue to pump to 4,400′. Stop pumping; pull out of hole with coil and run in with wireline and link jets to 4,067′; unable to get deeper. Pull out of hole. Steve Malqueen of D.O.G.G.R. approved link jet shots at 4,861′ or deeper. Close well in. |
| 12-19-00 | Open well. Rig up wireline and run in and shoot link jets at 4,953′. Pull out of hole and run down wireline. Run in with coil to 4,950′. Establish circulation, close well in and down squeeze with water, break down perforating from 1 barrel per minute at 3,600 - 3,800 p.s.i. to 1¾ barrels per minute at 3,000 - 3,200 p.s.i. Mix and pump 114 ft³ "36 sacks" of cement with 50/50 poz with 35% silica flour and 4% gel. Displace coil and pull to 4,250′. Close well in and down squeeze with 9.4 barrels of water (154 ft³ outside 7″). Steve Malqueen of D.O.G.G.R. witnessed shots and tag at 4,953′. Theoretical top of cement at 4,708′ ±. Pull out of hole with coil, wash pump. Rig down, move off. |
| 12-22-00 | Move in, rig up coil tubing unit. Run in and tag cement at 4,708′. Witnessed by Steve Malqueen of D.O.G.G.R. Pull out of hole with coil. Well ready for perforating at 1,100′. Rig down, move off. |
| 12-26-00 | Move in, rig up wireline. Run in hole with 4-½″ j.s.p.f., fire @ 1,100′. Pull out of hole with line. Rig down, move off. Move in, rig up. Run in with coil to 1,100′. Establish circulation; mix and pump 82 ft³ "43 sacks" of cement with 50/50 poz with 35% silica flour and 4% gel. Displace coil, pull out of hole to 750′. Close well in and down squeeze with 8 barrels of water. Theoretical top of cement at 950′±. Pull out of hole with coil and secure well. 2,000 to 1,500 p.s.i. @ 2 barrels per minute. Squeeze job at 1,100′ witnessed by Ann Andrele of D.O.G.G.R. |
| 12-27-00 | Move in, rig up. Run in with coil and tag cement at 993′. Pull out of hole with coil and rig down, move off. Rig up wireline and run in to 100′ and shoot 4-½″ h.p.f. at 100′. Rig out wireline. Run in hole with tubing, tag at 993′, witnessed by Ann Andrele of D.O.G.G.R. Well ready for mud and top cement job. Did not pump mud or cement top job. Secure well. Rig down, move off. |
| 1-2-01 | Move in, rig up. Run in with coil and tag cement at 961′. Mud well from 968′ to 100′. Pull out of hole with coil and rig down, move off. Establish circulation and pump down 7″ and return 13⅝″. Estimate injection rate at 2 barrels per minute. Had problems with pump (shipping cement down hole). Tag and mud witnessed by Bruce Hesson of D.O.G.G.R. Rig out pump and take to yard. End of tower. |

(DG103)

MAR 26 2001

| | |
|---|---|
| 1-8-01 | Move in, rig up pump. Establish circulation with water, mix and pump 97 $ft^3$ "85 sacks" of "G" neat cement. 13⅝″ and 7″ full and in place at 9:00 a.m. Steve Malqueen of D.O.G.G.R. witnessed cement job (top) 100′ to surface. Job ready for surface work. Rig down, move off. |
| 1-9-01 | Dig out cement and casing. |
| 2-7-01 | Cut off casing. Back fill and clean location. Complete site restoration. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T201-14**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 24, 2001

Your operations at well **"Rancho San Francisco" 125,** API No. **037-12879,** Sec. **26**, T. **4N**, R.**17W**, S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **01-08-2001. Steve Mulqueen,** representative of the supervisor, was present from **0900** to **1000**. There were also present **Alex Iwasiw.**

Present condition of well: **13 3/8" cem 319'; 7" cem 11450', perf 11415' wso, cp 100', 1100', 4953' & 11420', collapsed @ 5167'; 5 ½" ld 11421'-11879', perfs @ int 11443'-11843'; 5 ½" cem 8451'-11421'. TD 11881'. Plugged w/ cem 114 cf below 4953', 4950'-4708', 1113'-993' & 100'-5'.**

**The operations were performed for the purpose of abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-144**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
October 06, 2000

Your operations at well **"Rancho San Francisco" 125,** API No. **037-12879,** Sec. **26,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **09-26-2000. Steve Mulqueen,** representative of the supervisor, was present from **0800** to **0900.** There were also present **Alex Awasiw.**

Present condition of well: **13 3/8" cem 319'; 7" cem 11450', perf 11415' wso, cp 11420', collapsed 5167'; 5 ½" ld 11421'-11879', perfs @ int 11443'-11843'; 5 ½" cem 8451'-11412'. TD 11881'. Plugged w/ 114 cf of cem below 4953'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The location and hardness of the cement plug @ 4953' are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

P200-226

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

D

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | 100,000 | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 125, API No. 04-037-12879,

Sec. 26 T. 4N, R. 17W, S. B. B. & M., Newhall Potrero Field, Los Angeles County,

commencing work on September 25, 20 00.

The present condition of the well is:

1. Total Depth **See Attached Program**
2. Complete casing record, including plugs and perforations (present hole)

   **See Attached Program**
3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)
4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? [ ] Yes [X] No

The proposed work is as follows:

**SEE ATTACHED PROGRAM**

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 26835W. Pico Canyon Road (Street)
Newhall, CA 91321 (City) (State) (Zip)

Telephone Number (661) 254 - 2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

[signature] 10-5-00 (Signature) (Date)

October 5, 2000

**Medallion California Properties, Inc.**
**Well: RSF No. 125**
**API No.: 037-12879**
**Sec 26, T 4N, R 17W**
**Abandonment Program**
**Field: Newhall Potrero**

**Background**

The well was drilled and completed in the 7th zone in 1954. The well produced on gas lift until 1986 when it was idled. In September of 2000 an attempt was made to return the well to production. The program to RTP the well was aborted when bad casing was found at 5167'.

Once the well was found to have bad casing, a representative of Medallion California Properties contacted the CDDOGR requesting approval to abandon the well from depth where casing damage was found. The request was approved with the provision that the written program follow.

On September 25, 2000 a bottom cement plug was layed from 5167' inside the 7" casing and then squeezed from surface in an attempt to push cement behind pipe. On September 26, 2000 the top of cement was tagged at 4953' and approved by Steve Mulqueen. The well was mudded from the top of the plug to approximately 1200'.

Please note that this program does include steps to place a cavity shot and an additional cement plug immediately above the plug tagged at 4953' to ensure that the upper hydrocarbon sand is sealed off.

**Mechanical Condition**

**T.D.:** 11,881'

| | | |
|---|---|---|
| **Casing:** | **13-3/8", 54.5# csg** | 0' - 319', cmt'd w/ 210 sax |
| | **7", 23#, 26#, 29#, 32# csg** | 0' – 11,450', cmt'd w/ 600 sax (calc'd TOC @ 6241') |
| | **5-1/2", 17# csg scab** | 8451' – 11,421', cmt'd w/ 85 sax |
| | **5-1/2", 17# liner** | 11,421' – 11,879', hung |

**W.S.O.:** 4 3/8" holes at 11,415' (note: WNSO with 4 3/8" holes at 11,420')

**Effective Perforations:** None

**Fish:** None

**Elev:** All depths refer to K.B. measurements, 13' above the mat

**Work Program**

1. Open well, RIH with cavity shot to 4953'± and detonate.

2. MIRU coiled tubing rig, RIH with tubing to 4953'±.

3. Rig up cementers. Mix and pump sufficient voluume of 50/50 Pozmix cement to fill from 4953' ± to 4843'± .

4. DOGGR to witness location and hardness of plug.

5. Rig up wireline, RIH with cavity shot to 1100' ±, detonate.

6. RIH with coil tubing to 1100' ±. Set 50/50 Pozmix cement plug from 1100'± to 1000'±. DOGGR to witness location and hardness of plug.

7. Fill 7" casing with 72# clay base mud from 1100'± to 100'±.

8. Rig up wire line. RIH with perforating equipment. Perforate 4 ½" holes at 50' ±.

9. RIH with coil tubing and circulate Class "G" cement surface from 100' to surface. POOH with coiled tubing. Close well in and nipple up to wellhead. Begin pumping Class "G" cement through the perforations at 50' and into the 7" x 13-3/8" casing annulus. Continue cement pumping until clean cement returns are achieved at surface.

10. Clean surface location, cut off casing five feet below ground level and weld on steel plate. DOGGR to witness plug prior to welding steel plate. DOGGR to make inspection of surface after the surface restoration work is complete.

ABI

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county<br>Newhall-Potrero | | District<br>2 Ventura |
| Former owner<br>DKM Offshore Energy, Inc. | Operator code<br>D0230 | Date<br>10-1-94 |

Name and location of well(s)

All wells previously owned by DKM Energy, Inc.
in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Except:
"Rancho San Francisco" 152 (037-12654)

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>10-1-94 | New owner<br>Medallion California Properties Company | Operator code<br>M4805 | Type of organization<br>Corporation |
| | Address<br>1400 Easton Dr., #133<br>Bakersfield, CA. 93309 | | Telephone No.<br>(805) 395-3029 |

Reported by
Medallion California Properties Company

Confirmed by
DKM Offshore Energy

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent |
| Old operator new status (status abbreviation) | Remarks |

| | |
|---|---|
| Deputy Supervisor<br>Patrick J. Kinnear | Signature<br>Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252 + 253 | PC | 1-3099 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| Newhall Potrero | 2 |
| **Former owner** | **Date** |
| Oryx Energy Company | May 15, 1991 |

Name and location of well(s)

Sec. 26, T. 4N., R. 17W., SBB&M (Continued)

| | | | |
|---|---|---|---|
| "Rancho San Francisco" 73 | (037-13252) | "Rancho San Francisco" 109 | (037-13288) |
| "Rancho San Francisco" 74 | (037-13253) | "Rancho San Francisco" 115 | (037-132940 |
| "Rancho San Francisco" 80 | (037-13259) | "Rancho San Francisco" 118 | (037-13296) |
| "Rancho San Francisco" 83 | (037-13262) | "Rancho San Francisco" 119 | (037-13297) |
| "Rancho San Francisco" 87 | (037-13266) | "Rancho San Francisco" 120 | (037-13298) |
| "Rancho San Francisco" 92 | (037-13272) | "Rancho San Francisco" 122 | (037-13299) |
| "Rancho San Francisco" 97 | (037-13277) | "Rancho San Francisco" 123 | (037-13300) |
| "Rancho San Francisco" 99 | (037-13279) | "Rancho San Francisco" 125 | (037-12879) |
| "Rancho San Francisco" 100 | (037-13280) | "Rancho San Francisco" 126 | (037-12880 |
| "Rancho San Francisco" 105 | (037-132840 | "Rancho San Francisco" 128 | (037-12882) |

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 1-1-91 | Tidelands Oil Production Co.<br>Address<br>925 Harbor Plaza<br>Long Beach, CA 90801 | Co.<br>Telephone No.<br>213-436-9918 |

Reported by

Oryx Energy Company

Confirmed by

Tidelands Oil Production Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| PA | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (6/90/GSR1/2M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| | |
|---|---|
| Field or county<br>NEWHALL-POTRERO | District<br>2 |
| Former owner<br>Sun Oil Company | Date<br>Mar. 31, 1983 |

Name and location of well(s)

Sections 21, 22, 25, 26, 27, 28, 35, 36, T4N. R. 17W.

ALL WELLS

Description of the land upon which the well(s) is (are) located

| | | |
|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>1/1/82 | New owner<br>Sun Exploration & Production Co.<br>Address<br>P.O. Box 55060<br>Valencia, Ca. 91355 | Type of organization<br>Company<br>Telephone No.<br>(805) 257-6200 |

Reported by
Sun Oil Company

Confirmed by
Sun Exploration & Production Co.

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent<br>on file |
| Old operator new status (status abbreviation)<br>Ab | Remarks<br>NAME CHANGE ONLY |

| Deputy Supervisor | Signature |
|---|---|
| Murray W. Dosch | Murray W. Dosch |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
APR 4 1960
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall, Calif. April 1, 1960

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging~~ repairing or ~~altering~~ casing at Well No. " Rancho San Francisco" #125-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall - Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11881'

2. Complete casing record.

| | |
|---|---|
| 13 3/8" | 54.5# J-55 STRC cmt'd at 319 w/ 210 sx. |
| 7" | 32#, 29#, 26#, 23#, N-80, P-110 LT&C, cmt'd at 11490 w/top cmt. calc. at 9450. 4 - 3/8" holes @ 11420' squeezed w/6 sx. 4 - 3/8" holes @ 11415' W.S.O. |
| 5 1/2" | 17# J-55 F.J. Liner hung @ 11421' w/ shoe @ 11879'. Perforated w/192 holes/ft., 11443-11540 and 11576-11843. |
| Note: | 7" casing leaks 9002'-9303'. |

3. Last produced. 3/12/60 (Date) 26 B/D (Net Oil) 31.2 (Gravity) 96.3% (Cut)

The proposed work is as follows:

1. Run & cement 5 1/2" 17# N-80 LT&C protective casing. Liner hanger top at 8500 and lead seal shoe at 11,421'.
2. Test liner lap with casing tester.
   a. Use 1000' water cushion.
   b. Leave open one hour.
   c. Notify D.O.G. to witness.
3. Clean out to bottom and recomplete in 7th zone.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray Mid-Continent Oil Company
(Name of Operator)

By J. O. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12879

4

DIVISION OF OIL AND GAS
RECEIVED
JUL 13 1954
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. July 7 1954

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 125-7, Sec. 26, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2042.41 feet ~~N. or~~ S., and 6282.77 feet E. of ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground ~~of~~ above sea level is 1092.10 / 1078.80 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 300' | Cemented |
| 7" | 23, 26, 29 & 32# | N-80&P-110 | Smls | 11,490' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 11,890' | Landed |
| | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

SUNRAY OIL CORPORATION
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 184 87 | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

October 24, 1997

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
1100 Mohawk, St., Ste. 154
Bakersfield, CA 93309-0465

Your report of the plugging and abandonment of well "Rancho San Francisco" 129, A.P.I. No. 037-12883, Section 26, T. 4N, R. 17W, SBB.& M., Newhall Potrero field, Los Angeles County, dated December 30, 1996, received January 6, 1997, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

tkc

By
Patrick J. Kinnear
*Deputy Supervisor*

cc: Update

Modified OG159 (4/94)

OPERATOR Mediation Of Properties A.P.I. 037-12883
WELL NO. "Rancho San Francisco" 189 SECTION 26, T. 4 N, R. 17 W
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 9-17-96 | | | | | |
| P-REPORT NUMBER | 2296-219 | | | | | |
| CHECKED BY/DATE | RC 10-27-97 | | | | | |
| MAP LETTER DATED | 11-1-97 | 1-29-05 | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 9-24-96 | | | | | | | | | | | |
| HISTORY | 1-6-97 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | 12-30-97 | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | 10-1-97 RC | | | | | |
| DRILL CARD | | | | | | |
| RECORD'S COMPLETE | RC 10-2-97 | | | | | |

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY MEDALLION CAL PROPERTIES WELL NO. "RSF" 129

API NO. 037-12883 SEC. 26, T. 4N, R. 17W, SB B.&M.

COUNTY LOS ANGELES FIELD NEWHALL - POTRERO

RBDMS DATA ENTERED: I-16-97
(DATE)

BY: PAUL CROPMILLER
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles
Well "Rancho San Francisco" 129 Sec. 26, T 4N, R 17W, S. B. B. & M.
A.P.I. No. 037-12883 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)
Date December 30, 1996

Signature

1100 Mohawk Street, Suite 154, Bakersfield, CA 93309 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1996 | |
| 11/1 | MIRU coil tubing unit. RD production tree. Install Class II BOPE. RIH w/CT to 9,000 ft. SIW. |
| 11/4 | Ran CT to 10,500 ft, tagged down. Pumped 117 $ft^3$ Class "G" cement w/40% silica flour. Laid plug from 10,500 ft to 9,793 ft. POOH. RD Ct unit. SIWFN. |
| 11/5 | RU perforators. Shot eight 1/2" holes at 7,800 ft. RD perforators. RU CT unit. Tag cement plug at 9,784 ft. Pumped 73 bbls 9.6 ppg mud from 9,784 ft to 7,800 ft. Tag and mudding witnessed by Paul Crowmiller, DOGGR. Circulated well clean. Recovered 145 bbls oil. SIWFN. |
| 11/6 | Using CT established 1/4 BPM breakdown with 1000 psi at 7,800 ft. Pumped 91 $ft^3$ Class "G" cement and balanced plug 7,800 ft to 7,364 ft. Pulled CT to 7,000 ft, bradenhead squeezed 39 $ft^3$ cement out holes at 7,800 ft to final pressure of 1300 psi. Cement squeeze job witnessed by Paul Crowmiller, DOGGR. Tagged down w/CT at 7,489 ft. Tag witnessed by Paul Crowmiller, DOGGR. Pumped 238 bbls 9.6 ppg mud from 7,489 ft to 1,250 ft. POOH. SIWFN. |
| 11/7 | RU perforators. Made cavity shot at 1,250 ft and eight 1/2" holes at 127 ft. Pumped 64 $ft^3$ Class "G" cement to plug 1,250 ft to 950 ft. POOH. SIWFN. |
| 11/8 | RIH to 983 ft w/CT tagged down. Laid 32 bbls 9.6 ppg mud from 983 ft to 127 ft. Tag and mudding witnessed by Paul Crowmiller, DOGGR. Pumped 103 $ft^3$ Class "G" cement down 7" casing and into 7" x 13-3/8" annulus. Had return to surface in 7" x 13-3/8" annulus. RD CT unit. MO. |

RECEIVED
JAN 6 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T296-262

# Report on Operations

Bradford A. DeWitt, Agnet
MEDALLION CALIF. PROPERTIES
1100 Mohawk St. Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
December 30, 1996

Your operations at well "Rancho San Francisco" 129, API No. 037-12883, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 11-8-96. Paul Cronmiller, representative of the supervisor, was present from 1530 to 1600. There were also present Von Fortenberry, Contract Supervisor

Present condition of well: 13 3/8" cem 503'; 7" cem 10,078', WSO perf @ 10,047', perf @ 127' & 7800' (sqz'd), cavity shot @ 1250'; 5 1/2" ld 10,046'-10,512', perf 10,068'-10,337' & 10,408'-10,472'. TD 10,514'. Plugged w/ cem 10,500'-9784', 7800'-7489', 1250'-983' & 127'-10'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed anf reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

500-00
6th-35

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "RANCHO SAN FRANCISCO" # 129, API No. 03712883, Sec. 26 T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County, commencing work on SEPTEMBER 26, 19 96.

The present condition of the well is:

1. Total depth 10,514 FT
2. Complete casing record, including plugs and perforations (present hole) 13 3/8" CASING CMTD @ 503'
   7" CASING CMTD AT 10078 FT
   PACKER @ 10,002 FT
3. Last produced PRIOR 1990
   (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last injected ——
   (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands

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SEP 24 1996
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows: SEE ATTACHED PROGRAM

5½" LINER HUNG AT 10,512 FT. TOL @ 10,046 FT.
PERFORATED W/192 ¼" RHPF 10,068 FT — 10,337 FT. &
10,408 FT — 10,472 FT.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 MOHAWK #154
(Street)
BAKERSFIELD CA 93309
(City) (State) (Zip)
Telephone Number (805) 635-0465
(Area Code) (Number)

MEDALLION CALIFORNIA PROPERTIES CO.
(Name of Operator)
By CLAUDE D. FIDDLER P.E.
(Print Name)
Claude D. Fiddler 9-17-96
(Signature) (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

037-12883

# DIVISION OF OIL AND GAS

5

DIVISION OF OIL AND GAS
RECEIVED
FEB 1 1955
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. January 25 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 129-6, Sec. 26, T. 4 N. Gyl

R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3064.78 feet ~~N.~~ or S., and 5981.28 feet E. ~~or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing ground ~~or conc. mat~~ above sea level is 1324.63 / 1311.33 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about ..... feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 53.5# | J-55 Smls | 500' | Cemented |
| 7" | 23#, 26#, 29# | J-55 & N-80 Smls | 10,080' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10,535' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| Gyl 18A | WRP | [illegible] | [illegible] | [illegible] | [illegible] |

FORM 111 (1-49)

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 155-197

Mr. O A Graybeal
714 West Olympic Blvd
LOS ANGELES 15
Agent for SUNRAY OIL CORP

Los Angeles 15 California
February 7 19 55

12-1

DEAR SIR:

Your _____ proposal to drill Well No. "Rancho San Francisco" 129-6,

Section 26, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, Los Angeles County,

dated Jan. 25 19 55, received Feb. 1 19 55, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"The well is 3064.78 feet S. and 5981.28 feet E. from Corner "J"
The elevation of the kelly bushing / ground above sea level is 1324.63 / 1311.33 feet.
We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet"

PROPOSAL

"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 53.5# | J-55 Smls | 500' | Cemented |
| 7" | s 23#, 26#, 29# | J-55 & N-80 Smls | 10,080' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10,535' | Landed |

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 2000'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

FEK:OH

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By R. J. Walling Deputy

Blanket bond.

98406 5-54 25M SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 155-483

Mr. O A Graybeal
Los Angeles 15 California

Los Angeles Calif.
March 7 19 55

Agent for SUNRAY OIL CORPORATION

DEAR SIR:

Operations at your well No. 129-6 Sec. 26, T. 4 N, R. 17 W, S B B. & M., "Rancho San Francisco" Newhall-Potrero Field, in Los Angeles County, were witnessed on February 24, 1955. Mr. G Y Lee, Engineer, representative of the supervisor was present from 9:15 a.m. to 9:45 a.m. There were also present R L Billingsley, Driller; O Barkhart, Derrickman

Present condition of well: 13-3/8" cem. 503'; T.D. 3147'

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Billingsley reported:

1. A 17-1/2" rotary hole was drilled from the surface to 503'.
2. On February 19, 1955, 13-3/8" 54.5 lb. casing was cemented at 503' with 315 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled 503'-3147'.

THE ENGINEER NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 5" drill pipe.
2. A Hydril blowout preventer for closing around the 5" drill pipe.
3. The controls for the above equipment were located inside the derrick.
4. A 2" mud fill-up line with a 2" high pressure Nordstrom stopock into the 13-3/8" casing below the above equipment.
5. A high pressure stopcock on the kelly.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

D/G

GYL:ES

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By T. N. Walborg Deputy

5440 9-54 17,850 SPO

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 129-6 Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Location 3064.78' S. & 5981.28' E. from Cor. "J" Elevation of ~~groundcorx~~ kelly bushing above sea level 1324.63 feet.
conc. mat 1311.33

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date April 29, 1955 Signed O. A. Graybeal

M. R. Elliott (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling February 17, 1955 Completed drilling April 27, 1955 Drilling tools Rotary

Total depth 10,514' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing April 27, 1955 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| 4/28/55 ~~initial~~ production | 450 | 26.0° | 8.6% | 241 | 180 | 710 |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforations |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 503' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 315 | |
| 7" | 10,078' | Surface | 23#, 26#, 29# & 32# | New | Smls | J-55, N-80 | 11" | 600 | |
| 5-1/2" | 10,512' | 10,046' | 17# | New | Smls | J-55 | 5-7/8" | -- | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 10,472 ft. | 10,408 ft. | 192 - 1/4" Rd. Holes/Ft. | 16 | 1 | Shop |
| | ft. | ft. | undercut to 3/8" | | | |
| | 10,337 ft. | 10,068 ft. | " | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,110' and 10,514' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Sunray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco 129-6, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date April 29, 1955 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1955 | |
| 2/17 | Spudded in with 11" bit. Drilled to 550'. |
| 2/18 | Opened hole to 17-1/2" to 503'. Ran 13-3/8" 54.5# J-55 ST&C casing. Cemented shoe at 503' with 315 sacks of Colton Construction cement containing 2-1/2% gel. |
| 2/20 | Found top of cement at 476' and shoe at 503'. Drilled ahead with 11" bits to 10,110'. |
| 4/5 | 1st Run Schlumberger Electric Log to 10,110'. Also ran Schlumberger directional survey to 10,050'. |
| 4/6 | Ran 7" 23#, 26#, 29#, and 32# J-55 and N-80 LT&C and Ex-Line casing. Cemented shoe at 10,078' and float collar at 9991' with 600 sacks of Colton Hi-Temp cement. |
| 4/10 | Found top of cement at 9595'. Drilled out with 5-7/8" bit to 10,068'. Found float collar at 9991'. |
| | Shot four 1/2" holes at 10,047'. |
| | Ran Johnston Formation Tester #1 to test W.S.O. Packer set at 10,025' and tailpiece to 10,042'. Used 1000' of mud cushion, 3/4" bottom bean. Opened tool at 4:06 p.m. for one hour. Had weak blow decreasing to dead in 2 minutes, dead for 58 minutes. Recovered 20' of drilling fluid. W.S.O. test witnessed and approved by Mr. Lee of the Division of Oil and Gas. |
| 4/11 | Drilled out cement from 10,068' to 10,078', cleaned out to 10,110'. Found shoe at 10,078'. Drilled to 10,115' with 5-7/8" bit. Changed to Black Magic Supermix oil-base mud. Diamond cored ahead to 10,274' with 5-7/8" core head. |
| | Ran Johnston Formation Tester #2 on 3-1/2" 13.30# drill pipe with packer set at 10,054' and tailpiece to 10,077'. Used 1000' of water cushion, 3/4" bottom bean. Tester opened at 2:43 p.m. for 18 hours. Had medium strong blow for 1 hour, medium blow for 1 hour, light heading blow for 4 hours, and dead at 8:45 p.m. Pulled tester loose at 8:30 a.m. No cushion, gas, or oil to surface. Backwashed estimated 60 barrels net of gassy crude oil. Sample #1 and #2 were taken while backscuttling: Sample #1 - 27.2°, 5.6% cut (sand, mud, and emulsion) and Sample #2 - 29.7°, 1.6% cut (mud, emulsion, and trace of sand). Sample #3, #4, and #5 were taken from the 135' of drill pipe between the circulating joint and the main valve - 100% Black Magic oil-base mud. |
| 4/17 | Diamond cored ahead to 10,514', total depth. |
| 4/26 | 2nd Run Schlumberger Induction and Neutron Log from 10,514' to 10,078'. |
| | Ran 5-1/2" 17# J-55 flush joint liner with shoe hung at 10,512' and hanger at 10,046'. Perforated with 192 - 1/4" round holes per foot from 10,472' to 10,408' and 10,337' to 10,068'. |
| 4/[illegible] | Ran 2-1/2" production tubing to 10,454.22'. Installed X-mas tree. Changed from Black Magic oil-base mud to salt water and from salt water to crude oil, and completed well. |

M.R.E.

ORM F-11A

CORE LABORATORIES, INC.
*Petroleum Reservoir Engineering*


File BP-1-473
Well RSF 129-6

# CORE SUMMARY AND CALCULATED RECOVERABLE OIL

## CORE SUMMARY

| | | | | | |
|---|---|---|---|---|---|
| FORMATION NAME | ZONE - 6 | ZONE - 6 | | | |
| DEPTH, FEET | 10115 - 10288 | 10333 - 10485 | | | |
| % CORE RECOVERY | 100% | 100% | | | |
| FEET OF PERMEABLE, PRODUCTIVE FORMATION ~~RECOVERED~~ analyzed | 67 | 31 | | | |
| AVERAGE PERMEABILITY, MILLIDARCYS | 28 | 33 | | | |
| CAPACITY—AVERAGE PERMEABILITY × FEET PRODUCTIVE FORMATION | 1876 | 1023 | | | |
| AVERAGE POROSITY, PERCENT | 14.8 | 14.7 | | | |
| AVERAGE RESIDUAL OIL SATURATION, % PORE SPACE | 31.8 | 31.6 | | | |
| GRAVITY OF OIL, °A.P.I. | 30 | 30 | | | |
| AVERAGE TOTAL WATER SATURATION, % PORE SPACE | 30.9 | 29.3 | | | |
| AVERAGE CALCULATED CONNATE WATER SATURATION, % PORE SPACE | 30.9 | 29.3 | | | |
| SOLUTION GAS-OIL RATIO, CUBIC FEET PER BARREL (1) | 1070 | 1080 | | | |
| FORMATION VOLUME FACTOR—VOLUME THAT ONE BARREL OF STOCK TANK OIL OCCUPIES IN RESERVOIR (1) | | | | | |

## CALCULATED RECOVERABLE OIL

Prediction dependent upon complete isolation of each division. Structural position of well, total permeab thickness of oil zone and drainage area of well should be considered.

| | | | | | |
|---|---|---|---|---|---|
| BY NATURAL OR GAS EXPANSION, BBLS. PER ACRE FOOT (2) | 83 | 83 | | | |
| INCREASE DUE TO WATER DRIVE, BBLS. PER ACRE FOOT | 261 | 268 | | | |
| TOTAL AFTER COMPLETE WATER DRIVE, BBLS. PER ACRE FOOT (3) | 344 | 351 | | | |

CORE LABORATORIES, INC.

Hal L. Case

Hal L. Case
District Manager

NOTE.

(*) REFER TO ATTACHED LETTER.

(1) REDUCTION IN PRESSURE FROM estimated SATURATION PRESSURE TO ATMOSPHERIC PRESSURE.

(2) AFTER REDUCTION FROM ORIGINAL RESERVOIR PRESSURE TO ZERO POUNDS PER SQUARE INCH.

(3) RESERVOIR PRESSURE MAINTAINED BY WATER DRIVE AT OR ABOVE estimated ORIGINAL SATURATION PRESSURE.

(4) NO ESTIMATE FOR GAS PHASE RESERVOIRS.

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

May 14, 2001

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 132,

A.P.I. No. (037-12886), Section 26, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated February 20, 2001, received March 26, 2001, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on December 27, 2001.

2. Site inspection made and approved April 30, 2001.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

tkc

OG159 (4/98)

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator **Medallion California Properties Co.** Field **Newhall-Potrero** County **Los Angeles**

Well **"Rancho San Francisco" 132** Sec. **26** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-12886** Name **Alex Iwasiw** (Person submitting report) Title **Agent** (President, Secretary or Agent)

Date **February 20,** , 20 **01**

Signature

**26835 W. Pico Canyon Road Newhall, CA 91321** (Address) **(661) 254-2856** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 11-7-00 | Move in, rig up. Install B.O.P.E. Pull out of hole with 11 joint kill string. Run in hole and tally 207 joints of tubing. Close well in. |
| 11-8-00 | Open well. Run in hole with open ended tubing. Tag soft fill at 11,385′. Back scuddle thick mud from 11,385′ to 11,560′. Circulate hole clean. Close well. |
| 11-9-00 | Open well. Continue to circulate fill from 11,560′ to 11,846′. D.O.G.G.R. gave variance for clean out at 11,843′. Circulate 440 barrels of water and tubing at 11,846′ (mud and oil returns). Hole clean, mix and pump 71 ft³ of 50/50 poz with 35% silica flour and 4% gel. Displace 65 barrels of water, pull 30 stands. Close well. |
| 11-10-00 | Open well. Run in hole, tage cement and plug at 11,407′. Witnessed by Steve Malqueen of D.O.G.G.R. Pump witnessed weight of mud at (9.6 ppg). OK to pump by Steve Malqueen of D.O.G.G.R. Pump 220 barrels of mud. Pull out of hole, lay down 160 joints of tubing. Close well. |
| 11-13-00 | Open well. Continue pumping 184 barrels of mud (total of 404 barrels mud). Pull out of hole and lay down tubing. Remove B.O.P.E. Rig down, move off. |
| 12-18-00 | Move in, rig up wireline. Run in hole with 4-½″ j.s.p.f., fire @ 1,100'. Pull out of hole with line. Rig down, move off. |
| 12-20-00 | Move in, rig up. Run in hole with coil to 1,100′. Establish circulation, close well in. Down squeeze perforating at 1,100′ with water at 2 barrels per minute at 2,800 p.s.i. Mix and pump 82 ft³ "43 sacks" of cement with 50/50 poz with 35% silica flour and 4% gel. Displace coil. Theoretical top of cement at at 900±. Wash pump and secure well and unit. Close well. |
| 12-21-00 | Open well. Run in hole with coil. Tag top of cement at 940′. Pump 33 barrels (9.6 ppg mud) and displace coil (mud from 940′ to 100′). Pull out of hole with coil. Tag at 940′ and mudding of well "waived" by Steve Malqueen of D.O.G.G.R. at 10:00 a.m. Rig down, move off. |
| 12-26-00 | Move in, rig up wireline. Run in hole with 4-½″ j.s.p.f., fire @ 1,100'. Pull out of hole with line. Rig down, move off. Move in, rig up pump. Establish circulation with 7″ - 13⅝″. Fill with 14 barrels of water. Mix and pump 272 ft³, "236 sacks" of "G" cement with no solid cement returns to surface. Close in 13⅝″ and displace cement with 2.4 barrels of water. Theoretical top of cement at 50′. Cement job witnessed by Ann Andrele of D.O.G.G.R. at 4:45 p.m. Secure well, wash pump, end of tower. |

(DG103)

MAR 26 2001

| | |
|---|---|
| 12-27-00 | Rig up, run in with coil tubing and tag cement @ 78′. Pull out of hole with coil tubing. Rig up wireline, shot 4 1/2″ h.p.f. link jet at 70′. Pull out of hole and rig out wireline. Rig up pump; pump down 7″ with water, establish circulation up the 13⅝″, pump 27 $ft^3$ "24 sacks" of "G" neat cement and well pressure up to 2,800 p.s.i. No cement in the 13⅝″. Pump down 13⅝″, establish circulation at 7". Hook back up to 7″, establish circulation at 13⅝″ (with cement) and pump 17 $ft^3$ (44 total) "38 sacks". Cement at surface at 13⅝″ and 7″ standing full. Well ready for surface work. Ann Andrele of D.O.G.G.R. witnessed on location from 8:30 a.m. to 12:30 p.m. Rig down, move off. |
| 1-19-01 | Dig out cement and casing. |
| 2-9-01 | Ann Andrele of D.O.G.G.R. Ok'd plug. Cut out plate and post. Back fill and clean location. Complete site restoration. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

MAR 30 1987

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

VENTURA, CALIFORNIA

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3. Public Resources Code, notice is hereby given that it is our intention to rework well No. Rancho San Francisco #132, API No. 037-12890,

Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows: S10

1. Total depth. 12187' TD

2. Complete casing record, including plugs and perforations:

See Attachment

3. Present producing zone name 123 Zone Zone in which well is to be recompleted same

4. Present zone pressure 2115# New zone pressure 2115#

5. Last produced 4/86 (Date) 0 (Oil, B/D) 67 (Water, B/D) 39 (Gas, Mcf/D)

or

6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

Convert to pressure observation well for monitoring pressures in secondary recovery areas.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 WEST RYE CANYON ROAD (Street)
VALENCIA (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION AND PRODUCTION COMPANY (Name of Operator)
By F. E. Armijo 3/27/87 (Date)
F. E. ARMIJO (Name)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T201-07**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 18, 2001

Your operations at well **"Rancho San Francisco" 132,** API No. **037-12886,** Sec. **26**, T. **4N**, R.**17W**, S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **12-27-2000**. **Anneliese Anderle,** representative of the supervisor, was present from **1000** to **1200**. There were also present **Alex Iwasiw.**

Present condition of well: **11 ¾" cem 417"; 7" cem 11,705', cp @ 70', 100', 1100' & 11,668', wso @ 11,705'; 5 1/8" ld 11,667'-12,185', perf 11,743'-11,885' & 11,929'-12,147'. TD 12,187'. Plugged w/ cem 11,846'-11,407', 1100'-940' & 100'-5'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

7700-258

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | 100,000 | ✓ | ✓ |

## DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 132, API No. 04-037-12886, Sec. 26 T. 4N, R. 17W, S. B. B. & M., Newhall Potrero Field, Los Angeles County, commencing work on November 7, 20 00.

The present condition of the well is:

1. Total Depth **See Attached Program**
2. Complete casing record, including plugs and perforations (present hole)

   **See Attached Program**

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? [ ] Yes [X] No

The proposed work is as follows:

**SEE ATTACHED PROGRAM**

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 26835W. Pico Canyon Road (Street)
Newhall, CA 91321 (City) (State) (Zip)

Telephone Number (661) 254-2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

(Signature) (Date)

FORM 105
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

037-12886

# DIVISION OF OIL AND GAS

6

## Notice of Intention to Drill New Well

**This notice must be given and surety bond filed before drilling begins**

Los Angeles Calif. April 27 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 132-7, Sec. 26, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2652.72 feet S., and 7842.68 feet E. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / conc.mat above sea level is 1175.30 / 1162.00 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 11,650 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 400' | Cemented |
| 7" | 23#, 26#, & 29# | J-55, N-80 & P110 Smls | 11,650' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 11,950' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A Ky | Ky | EB | Blanket | EB | |

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

037-12894

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

3

This notice and surety bond must be filed before drilling begins

Los Angeles, Calif. July 14, 1956

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 141-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of _____ acres, is as follows: _____ (Attach map or plat to scale)

MAP ALREADY FURNISHED

Do mineral and surface leases coincide? Yes X No _____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1951.84 feet South (Direction) along ~~property~~ section line and 7059.28 feet East (Direction)

at right angles to said line from ~~the~~ Corner "J" ~~corner~~ of ~~section~~ property

Elevation of ground above sea level 1128.11 feet ~~datum~~.

All depth measurements taken from top of kelly bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 15.00 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Surface | 600' | 600' |
| 7" | 23, 26 29# | J-55, N-80, P-110 | Surface | 12,080' | 12,080' |
| 5½" | 17# | J-55 | 12,070' | 12,535' | Hung |

Intended zone or zones of completion: 7th Zone (Name) Top - 12,080'; Bottom - 12,505'. (Depth, top and bottom)

Estimated total depth 12,535'

| [illegible] | [illegible] | [illegible] | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| Gyl 18A | Gyl | EB | | EB | EB |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard

Telephone Number RIchmond 8-5171

SUNRAY MID-CONTINENT OIL COMPANY (Name of Operator)

By O. A. Graybeal

O. A. Graybeal, Agent

# LANE-WELLS COMPANY

[redacted]

037-12894

COMPANY: [redacted]
WELL: R. S. F. No. 141-7
FIELD: NEWHALL - POTRERO
COUNTY: L. A. STATE: CALIF
LOCATION: SEC. 26-T4N-R17W

CO MEDALLION CALIFORNIA PROPERTIES CO.

[redacted]

Rancho San Francisco

WELL: R. S. F. No. 141-7

FIELD: NEWHALL - POTRERO

COUNTY: LOS ANGELES STATE CALIF

LOCATION: SEC. 26-T4N-R17W

Location of Well

LOG MEAS. FROM KELLY BUSHING ELEV. 1143'

DRLG. MEAS. FROM KELLY BUSHING ELEV. 1143'

PERM. DATUM ELEV.

DIVISION OF OIL AND GAS
RECEIVED
SEP 20 1957
LOS ANGELES, CALIFORNIA

| | | | | |
|---|---|---|---|---|
| RUN NO. | 1 | | | |
| DATE | 11-4-56 | | | |
| BOT. OF RECORDING | 12,150' | | | |
| TOP OF RECORDING | 9,930' | | | |
| FOOTAGE RECORDED | 7,220' | | | |
| CSG. SHOE LANE-WELLS | 4,930' | | | |
| CSG. SHOE DRILLER | 4,923' | | | |
| TOTAL DEPTH LANE-WELLS | 12,150' | | | |
| TOTAL DEPTH DRILLER | 12,142' | | | |
| BIT SIZE 9 7/8" | 12,142' | | | |
| MUD TYPE | CLAY BASE | | | |
| " TREATMENT | | | | |
| " DENSITY | 80 | | | |
| " VISCOSITY | 75 | | | |
| " RESISTIVITY | 2.0 @ 92 °F | @ °F | @ °F | @ °F |
| " RESISTIVITY BHT | N.R. @ °F | @ °F | @ °F | @ °F |
| " pH | N.R. @ °F | @ °F | @ °F | @ °F |
| " FLTR. LOSS CC/ M | N.R. @ °F | @ °F | @ °F | @ °F |
| " FLTR. LOSS CC/ M | N.R. @ °F | @ °F | @ °F | @ °F |
| MAX. RECORDED TEMP. | N.R. °F | °F | °F | °F |
| ELECTRODE SPACING | | | | |
| SYMMETRICAL NORMAL | 16" | | | |
| NON-SYMMETRICAL LAT | 10' | | | |
| LATERAL | 19' | | | |
| TOTAL L-W RIG TIME | 3 HOURS | | | |
| RECORDED BY | DAMKTER | | | |
| WITNESSED BY | CYPHER | | | |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T156-1295

Mr. O A Graybeal
714 West Olympic Blvd
LOS ANGELES 15
Agent for SUNRAY MID-CONTINENT OIL CO

Los Angeles 15 Calif.
August 24 19 56

DEAR SIR:

Operations at your well No. 141-7 Sec. 26, T. 4 N, R. 17 W, S B B. & M., "Rancho San Francisco" Newhall-Potrero Field, in Los Angeles County, were witnessed on August 20, 1956. Mr. M. Dosch, Engineer, representative of the supervisor was present from 2:45 to 3:15 p.m. There were also present C. Fylling, Driller, J. Mc Candles, Derrickman.

Present condition of well: 13-3/8" cem. 598'. T. D. 6370'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Fylling reported:

1. A 17½" rotary hole was drilled from the surface to 678'.
2. On July 31, 1956, 13-3/8", 54.5 lb. casing was cemented at 598' with 400 sacks of cemen
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 678' to 6370'.

THE ENGINEER NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. A G.K. Hydril Blowout Preventer for closing around the 4½" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.
5. A high pressure stopcock on the kelly.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

MD:OH

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By K. W. Walling Deputy

12362 2-55 18,100 ② SPO

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator: Sunray Mid-Continent Oil Company  Field: Newhall-Potrero

Well No.: "Rancho San Francisco" 141-7  Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Location: 1951.84' South and 7059.28' East from R.S.F. corner "J"  Elevation of ~~ground or~~ kelly bushing above sea level 1141.41 feet. conc. mat 1128.11

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date: September 12, 1957  Signed: O. A. Graybeal Jr.

J. O. McDonald (Engineer or Geologist)  A. G. Chancey (Superintendent)  Title: O. A. Graybeal, Agent (President, Secretary or Agent)

Commenced drilling: July 30, 1956  Completed drilling: November 27, 1956  Drilling tools: Rotary

Total depth: 12566'  Plugged depth: -

Junk: 4 1/2" drill pipe; 6 - 8" drill collars; and bit from 842' to 1102'. (10 5/8" casing run past fish on September 9, 1956).

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing: November 27, 1956 (date)  ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| (11/28/56) Initial production | 588 | 26.4° | 3.7 | 92 | 180 | 760 |
| Production after ~~10~~ 13 days | 231 | 28.4° | 0.1 | 87 | 140 | 600 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementi if through perforati |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 598' | Surface | 54.5# | New | Smls. | J-55 | 17 1/2" | 400 | |
| 10 3/4" | 1228' | Surface | 40.50# & 45.50# | New | Smls. | J-55 | 12 1/4" & 36" | 300 | |
| 7" | 12092' | Surface | 23#, 26# 29# | New | Smls. | J-55, N-80 P-110 | 9 7/8" | 600 | |
| 5 1/2" | 12563' | 12067' | 17# | New | Smls. | J-55 | 5 7/8" | - | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5 1/2" | 12087 ft. | 12144 ft. | 192 - 1/4" rd. holes/ft | 16 | 1" | Shop |
| 5 1/2" | 12221 ft. | 12372 ft. | 192 - 1/4" rd. holes/ft | 16 | 1" | Shop |
| 5 1/2" | 12447 ft. | 12523 ft. | 192 - 1/4" rd. holes/ft | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths: 12142'; 12566' — No E log run below 12142 (Attach Copy of Log)

RDC

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Sunray Mid-Continent Oil Co. FIELD Newhall-Potrero

Well No. "Rancho San Francisco" 141-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Signed O. A. Graybeal

Date September 12, 1957 Title O. A. Graybeal, Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1956 7/30 | Spudded in at 5:00 a.m. with 17 1/2" hole opener and drilled to 47'. Drilled ahead with 11" bit to 678'. |
| 7/31 | Opened 11" hole to 17 1/2" from 47' to 598'. Ran and cemented 13 3/8" 54.5# J-55 casing with shoe at 598' with 400 sacks of Construction cement containing 2 1/2% Gel. Had good cement returns to surface, but with channeling. Cemented around 13 3/8" with 27 sacks of Construction cement. |
| 8/1 | Found top of plug at 568' and shoe at 598'. Drilled ahead with 11" bits to 7789'. |
| 8/30 | Stuck drill pipe while coming out of hole with bit at 1133'. |
| 8/31 | Backed off above drilling assembly. |
| 8/31 to 9/8 | Fishing for drilling assembly from 842' to 1102'. |
| 9/9 | Ran and cemented 10 3/4" 40.50# and 45.50# J-55 ST&C casing with shoe at 1228' with 300 sacks of Construction cement with 3% Aquagel and 2% Calcium Chloride. |
| 9/10 | Found top of plug at 1170' and shoe at 1228'. Drilled ahead with 9 7/8" bits to 12142'. |
| 11/4 | First Run Lane Wells electric log through 4923' of 4 1/2" 16.60# drill pipe hung from 4920' to 12142'. |
| 11/5 | Ran and cemented 7" 23#, 26#, 29#, J-55, N-80, P-110 casing with shoe at 12092' and float collar at 12006' with 600 sacks of Colton Hi-Temp cement. |
| 11/7 | Found top of plug at 12003'; drilled out float collar at 12006' and cement to 12082'. |
| 11/8 | Ran Sperry Sun Directional Survey from surface to 12050'. Shot four 15/16" bullet holes at 12012' with Lane Wells A-2 gun. Ran Cook Formation Tester on 3 1/2" drill pipe; set packer at 11978' with tail to 11994'. Used 1/2" bottom bean and 1500' water cushion. Tool open at 8:50 p.m. for one hour. Had faint blow 10 minutes, then dead 50 minutes. Recovered 360' of 69-74#/cu.ft. of slightly gassy mud. Charts showed a steady pressure build up from 750 psig to 790 psig during first 20 minutes, then increased steadily to 800 psig at end of test. W.S.O. approved by Mr. Hluza of the Division of Oil and Gas. |

DATE
1956

11/9 Drilled out hard cement from 12082' to 12092' and shoe at 12092'. Drilled from 12142' to 12149' with 6" bit. Changed over to 71#/cu.ft. of oil base mud.

11/10 Cored ahead with 5 7/8" diamond core head to 12566' - total depth.

11/23 Ran Lane Wells Brush Log from 12092' to 12566'. Log no good. Ran in with 5 7/8" core head. Stuck drill pipe with bit at 12487'. Spotted 20 barrels of crude oil.

11/24 Backed off stuck drilling assembly at 12336'. Jarred fish out of hole. Cleaned out to bottom.

11/25 Ran 5 1/2" 17# J-55 F.J. liner with shoe at 12563' and hanger at 12067'. Perforated with 192 - 1/4" round holes/foot from 12087'-12144'; 12221'-12372'; and 12447'-12523'.

11/26 Set Baker Model "D" retainer production packer with top at 11996'.

11/27 Ran 405 joints of 2 7/8" E.U. and F.J. tubing to 12524.79'. Changed over from black magic oil base mud to crude oil and completed well.

RDC

Form 5-0

# CORE CORD



COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY Sunray Mid-Continent Oil Co. WELL (RSF)#141-7

LOCATION 1951.84' South and 7059.28' East from Corner "J" SECT. 26 T. 4N R. 17W ELEV. 1141.41'

| DATE 1956 | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION (NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES) | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/11 | Mercury | 6" | | | | | | | | | | |
| | Core No. | 1 | 12149 | 12172 | 21 | 91 | | | | 7.0 | Oil sand, light brown, hard, medium to coarse grained, poorly sorted. Good stain and odor. | F |
| | | | | | | | | | | 2.0 | Oil sand, light brown to light gray, hard, medium grained. Poor stain and odor. | |
| | | | | | | | | | | 2.0 | Oil sand as 7.0' above. | |
| | | | | | | | 0.5 | | | | Shale, dark gray, hard with poker-chip parting. Dips 50°. | |
| | | | | | | | | | | 0.5 | Oil sand, light brown, hard. Medium to coarse grained. Poorly sorted. Good stain and odor. | |
| | | | | | | | 7.0 | | | | Shale, dark gray, hard with poker chip parting. | |
| | | | | | | | x | | 2.0 | | Sandstone shell, light gray, very hard with occasional inclusions of dark gray shale. No stain or odor. | |
| 11/11 | Core No. | 2 | 12172 | 12180 | 8 | 100 | 8.0 | | | | Shale, dark gray, hard with poker chip parting and with occasional streaks of light gray siltstone. Dips 45° to 50°. | F |
| 11/12 | Core No. | 3 | 12180 | 12191 | 11 | 100 | 11.0 | | | | Shale, dark gray, hard with poker chip parting and with streak of light gray siltsone at 12180-1/2' and 12182'. Dips 45°. | F |
| 11/12 | Core No. | 4 | 12191 | 12201 | 10 | 100 | 3.0 | | | | Silstone, light gray, hard to very hard. | F |
| | | | | | | | 7.0 | | | | Shale, dark gray, hard with occasional streaks of light gray, hard siltstone and with poker chip parting. Dips 45°. | |
| 11/13 | Core No. | 5 | 12201 | 12210 | 9 | 100 | | | 0.5 | | Sandstone shell, light gray, hard, medium grained. | F |
| | | | | | | | 3.0 | | | | Shale, dark gray, hard with poker chip parting. Dips 46°. | |
| | | | | | | | | | 0.5 | | Sandstone shell, light gray, hard, medium grained. | |
| | | | | | | | 5.0 | | | | Shale as 3.0' above. | |
| 11/13 | Core No. | 6 | 12210 | 12222 | 6 | 50 | 6.0 | | | | Shale, dark gray, hard with occasional streaks and inclusions of light gray siltstone with occasional | F |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | | District |
|---|---|---|
| Newhall-Potrero | | 2 Ventura |
| **Former owner** | **Operator code** | **Date** |
| DKM Offshore Energy, Inc. | D0230 | 10-1-94 |

Name and location of well(s)

All wells previously owned by DKM Energy, Inc.
in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Except:
"Rancho San Francisco" 152 (037-12654)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Operator code | Type of organization |
|---|---|---|---|
| 10-1-94 | Medallion California Properties Company | M4805 | Corporation |
| | Address: 1400 Easton Dr., #133, Bakersfield, CA. 93309 | | Telephone No. (805) 395-3029 |

Reported by
Medallion California Properties Company

Confirmed by
DKM Offshore Energy

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252+253 | PC | 1-3099 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county<br>Newhall-Potrero | | District<br>2 Ventura |
| Former owner<br>Tidelands Oil Production Company | Operator code<br>T2975 | Date<br>11-1-92 |

Name and location of well(s)

All wells previously owned by Tidelands Oil Production Company, in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange<br>11-1-92 | New owner<br>DKM Offshore Energy, Inc. | Operator code<br>D0230 | Type of organization<br>Corporation |
| | Address<br>1100 Louisiana, Ste.4550<br>Houston, Texas 77002 | | Telephone No.<br>(713) 739-0312 |

Reported by
DKM Offshore Energy, Inc.

Confirmed by
Tidelands Oil Production Company

| | |
|---|---|
| New operator new status (status abbreviation)<br>PA | Request designation of agent |
| Old operator new status (status abbreviation) | Remarks |

| | | |
|---|---|---|
| OPERATOR STATUS ABBREVIATIONS | Deputy Supervisor<br>Patrick J. Kinnear | Signature<br>Patrick J. Kinnear / PJK/ |

| OPERATOR STATUS ABBREVIATIONS |
|---|
| PA – Producing Active |
| NPA – No Potential, Active |
| PI – Potential Inactive |
| NPI – No Potential, Inactive |
| Ab – Abandoned or No More Wells |

FORM AND RECORD CHECK LIST

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252+253 | PC | 1-30-99 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| Newhall Potrero | 2 |
| **Former owner** | **Date** |
| Oryx Energy Company | May 15, 1991 |

Name and location of well(s)

Sec. 26, T. 4N., R. 17W., SBB&M

"Rancho San Francisco" 129 (037-12883)
"Rancho San Francisco" 130 (037-12884)
"Rancho San Francisco" 132 (037-12886)
"Rancho San Francisco" 141 (037-12894)
"Rancho San Francisco" 143 (037-12896)
"Rancho San Francisco" 144 (037-12897)
"Rancho San Francisco" 147 (037-12900)
"Rancho San Francisco" 148 (037-10658)
"Rancho San Francisco" 152 (037-12654)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 1-1-91 | Tidelands Oil Production Co.<br>Address<br>925 Harbor Plaza<br>Long Beach, CA 90801 | Co.<br>Telephone No.<br>213-436-9918 |

Reported by
Oryx Energy Company

Confirmed by
Tidelands Oil Production Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| PA | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (6/90/GSR1/2M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| NEWHALL-POTRERO | 2 |
| **Former owner** | **Date** |
| Sun Oil Company | Mar. 31, 1983 |

Name and location of well(s)

Sections 21, 22, 25, 26, 27, 28, 35, 36, T4N. R. 17W.

ALL WELLS

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 1/1/82 | Sun Exploration & Production Co. | Company |
| | Address: P.O. Box 55060, Valencia, Ca. 91355 | Telephone No. (805) 257-6200 |

Reported by: Sun Oil Company

Confirmed by: Sun Exploration & Production Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | on file |
| **Old operator new status (status abbreviation)** | **Remarks** |
| Ab | NAME CHANGE ONLY |

| Deputy Supervisor | Signature |
|---|---|
| Murray W. Dosch | Murray W. Dosch |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

037-12894

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

3

This notice and surety bond must be filed before drilling begins

Los Angeles, Calif. July 14, 1956

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco 141-7", Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of ____ acres, is as follows: ____ (Attach map or plat to scale)

MAP ALREADY FURNISHED

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1951.84 feet South (Direction) along ~~property~~ section line and 7059.28 feet East (Direction) at right angles to said line from ~~the~~ Corner "J" ~~corner~~ of ~~section~~ property

Elevation of ground above sea level 1128.11 feet ~~datum~~.

All depth measurements taken from top of kelly bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 15.00 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Surface | 600' | 600' |
| 7" | 23, 26 29# | J-55, N-80, P-110 | Surface | 12,080' | 12,080' |
| 5½" | 17# | J-55 | 12,070' | 12,535' | Hung |

Intended zone or zones of completion: 7th Zone (Name) Top - 12,080'; Bottom - 12,505'. (Depth, top and bottom)

Estimated total depth 12,535'

| | | | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| Cay | Cay | | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard

Telephone Number RIchmond 8-5171

Type of Organization (Corporation, Partnership, Individual, etc.)

SUNRAY MID-CONTINENT OIL COMPANY (Name of Operator)

By O. A. Graybeal

O. A. Graybeal, Agent

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL T LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator Sunray Mid-Continent Oil Company Field Newhall-Potrero

Well No. "Rancho San Francisco" 141-7 Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Location 1951.84' South and 7059.28' East from R.S.F. corner "J" Elevation of kelly bushing ~~ground or~~ conc. mat above sea level 1141.41 feet. 1128.11

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date September 12, 1957 Signed O. A. Graybeal

J. O. McDonald (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal, Agent (President, Secretary or Agent)

Commenced drilling July 30, 1956 Completed drilling November 27, 1956 Drilling tools Rotary

Total depth 12566' Plugged depth -

Junk 4 1/2" drill pipe; 6 - 8" drill collars; and bit from 842' to 1102'. (10 5/8" casing run past fish on September 9, 1956).

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing November 27, 1956 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| (11/28/56) Initial production | 588 | 26.4° | 3.7 | 92 | 180 | 760 |
| Production after ~~10~~ 13 days | 231 | 28.4° | 0.1 | 87 | 140 | 600 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfo |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 598' | Surface | 54.5# | New | Smls. | J-55 | 17 1/2" | 400 | |
| 10 3/4" | 1228' | Surface | 40.50# & 45.50# | New | Smls. | J-55 | 12 1/4" & 36" | 300 | |
| 7" | 12092' | Surface | 23#, 26# 29# | New | Smls. | J-55, N-80 P-110 | 9 7/8" | 600 | |
| 5 1/2" | 12563' | 12067' | 17# | New | Smls. | J-55 | 5 7/8" | - | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5 1/2" | 12087 ft. | 12144 ft. | 192 - 1/4" rd. holes/ft. | 16 | 1" | Shop |
| 5 1/2" | 12221 ft. | 12372 ft. | 192 - 1/4" rd. holes/ft. | 16 | 1" | Shop |
| 5 1/2" | 12447 ft. | 12523 ft. | 192 - 1/4" rd. holes/ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 12142'; 12566' — No E log run below 12,142 (Attach Copy of Log)

RDC

FORM 103. 62984 8-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Sunray Mid-Continent Oil Co. FIELD Newhall-Potrero

Well No. "Rancho San Francisco" 141-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Signed O. A. Graybeal

Date September 12, 1957 Title O. A. Graybeal, Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1956 7/30 | Spudded in at 5:00 a.m. with 17 1/2" hole opener and drilled to 47'. Drilled ahead with 11" bit to 678'. |
| 7/31 | Opened 11" hole to 17 1/2" from 47' to 598'. Ran and cemented 13 3/8" 54.5# J-55 casing with shoe at 598' with 400 sacks of Construction cement containing 2 1/2% Gel. Had good cement returns to surface, but with channeling. Cemented around 13 3/8" with 27 sacks of Construction cement. |
| /1 | Found top of plug at 568' and shoe at 598'. Drilled ahead with 11" bits to 7789'. |
| 8/30 | Stuck drill pipe while coming out of hole with bit at 1133'. |
| 8/31 | Backed off above drilling assembly. |
| 8/31 to 9/8 | Fishing for drilling assembly from 842' to 1102'. |
| 9/9 | Ran and cemented 10 3/4" 40.50# and 45.50# J-55 ST&C casing with shoe at 1228' with 300 sacks of Construction cement with 3% Aquagel and 2% Calcium Chloride. |
| 9/10 | Found top of plug at 1170' and shoe at 1228'. Drilled ahead with 9 7/8" bits to 12142'. |
| 11/4 | First Run Lane Wells electric log through 4923' of 4 1/2" 16.60# drill pipe hung from 4920' to 12142'. |
| 11/5 | Ran and cemented 7" 23#, 26#, 29#, J-55, N-80, P-110 casing with shoe at 12092' and float collar at 12006' with 600 sacks of Colton Hi-Temp cement. |
| 11/7 | Found top of plug at 12003'; drilled out float collar at 12006' and cement to 12082'. |
| 11/8 | Ran Sperry Sun Directional Survey from surface to 12050'. Shot four 15/16" bullet holes at 12012' with Lane Wells A-2 gun. Ran Cook Formation Tester on 3 1/2" drill pipe; set packer at 11978' with tail to 11994'. Used 1/2" bottom bean and 1500' water cushion. Tool open at 8:50 p.m. for one hour. Had faint blow 10 minutes, then dead 50 minutes. Recovered 360' of 69-74#/cu.ft. of slightly gassy mud. Charts showed a steady pressure build up from 750 psig to 790 psig during first 20 minutes, then increased steadily to 800 psig at end of test. W.S.O. approved by Mr. Hluza of the Division of Oil and Gas. |

DATE
1956

11/9 Drilled out hard cement from 12082' to 12092' and shoe at 12092'. Drilled from 12142' to 12149' with 6" bit. Changed over to 71#/cu.ft. of oil base mud.

11/10 Cored ahead with 5 7/8" diamond core head to 12566' - total depth.

11/23 Ran Lane Wells Brush Log from 12092' to 12566'. Log no good. Ran in with 5 7/8" core head. Stuck drill pipe with bit at 12487'. Spotted 20 barrels of crude oil.

11/24 Backed off stuck drilling assembly at 12336'. Jarred fish out of hole. Cleaned out to bottom.

11/25 Ran 5 1/2" 17# J-55 F.J. liner with shoe at 12563' and hanger at 12067'. Perforated with 192 - 1/4" round holes/foot from 12087'-12144'; 12221'-12372'; and 12447'-12523'.

11/26 Set Baker Model "D" retainer production packer with top at 11996'.

11/27 Ran 405 joints of 2 7/8" E.U. and F.J. tubing to 12524.79'. Changed over from black magic oil base mud to crude oil and completed well.

RDC

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

March 16, 1998

Bradford A. Dewitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Your report of the plugging and abandonment of well "Rancho San Francisco" 144, A.P.I. No. 037-12897, Section 26, T. 4N, R. 17W, SBB.& M., Newhall Potrero field, Los Angeles County, dated January 12, 1998, received January 23, 1998, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

tkc

cc: Update

Modified OG159 (4/94)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles
Well "Rancho San Francisco" 144 Sec. 26, T 4N, R 17W, S. B. B. & M.
A.P.I. No. 037-12897 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)
Date January 12, 1998

Signature Claude D. Fiddler

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1997 | |
| 9/15 | MIRU coil tubing unit (CTU) w/BOPE. RIH w/CT, tagged down at 12,158 ft. Pat Kinnear, DOGGR, approved plugging from 12,158 ft rather than 12,788 ft. Pumped 109 $ft^3$ of Class "G" cmt w/40% silica flour, plugged 12,158 ft to 11,622 ft. PUH & SIWFN. |
| 9/16 | Lower CT, tagged cmt at 11,707 ft. Tag witnessed by Paul Cronmiller, DOGGR. Spotted 400 bbls 9.6 lb/gal mud 11,707 ft to 1150 ft. POOH, RU perforating unit. RIH, made cavity shot at 1150 ft, PUH to 100 ft, shot eight 1/2" holes. RD perforators. RIH w/CT to 1150 ft, pumped 65 $ft^3$ of Class "G" cmt. Plugged 1150 ft to 850 ft. POOH, RDMO CTU. SIWFN. |
| 9/17 | MIRU CTU. RIH w/CT, tagged cmt at 934 ft. Spotted 32 bbls 9.6 lb/gal mud 934 ft to 100 ft. POOH w/CT. Pumped 87 $ft^3$ of Class "G" cmt down 7" casing, out holes at 100 ft and up 7"x11-3/4" annulus. Had cmt returns to surface. Tag and surface cmt work witnessed by Paul Cronmiller, DOGGR. |
| 11/20 | Completed abandonment, welded cap and marker, cleared and cleaned location. |

RECEIVED
JAN 23 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T297-254

# Report on Operations

Bradford A. Dewitt, Agent
MEDALLION CALIF. PROPERTIES CO.
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
September 22, 1997

Your operations at well "Rancho San Francisco" 144, API No. 037-12897, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 9-17-97. Paul Cronmiller, representative of the supervisor, was present from 1200 to 1400. There were also present Von Fortenberry

Present condition of well: 11 3/4" cem 607'; 7" cem 12,285', cp @ 12,257', WSO perf @ 12,255', perf @ 100', cavity shot @ 1150'; 5" ld 12,122'-12,788', cp @ 12,418', perf 12,382'-12,390' (sqz'd) & 12,440'-12,750'. TD 12,790'. Plugged w/ cem 12,158'-11,707', 1150'-934' & 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

500
00
40-7th
Idle

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | — | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Rancho San Francisco" #144, API No. 037-12897, Sec. 26 T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on September 1, 19 97.

WF

The present condition of the well is:

1. Total depth 12,788 FT
2. Complete casing record, including plugs and perforations (present hole)

Please see below.

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

Please see attached **Proposed Abandonment Program.**

RECEIVED
AUG 14 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**Complete Casing Record** (see No. 2 above):
11-3/4" 47# J-55 casing cmtd @ 607 FT.
7" 23#, 26# & 29# J-55 & N-80 casing cmtd @ 12,285 FT; Baker Model D packer @ 12,090 FT.
5" 18# N-80 liner hung 12,122 FT - 12,288 FT; CP @ 12,418 FT; perf'd 12,440 FT - 12,750 FT.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 Mohawk Street, Suite 154 (Street)
Bakersfield, CA 93309 (City) (State) (Zip)
Telephone Number ( ) 805/635-0465 (Area Code) (Number)

Medallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
Claude D. Fiddler 8-11-97 (Signature) (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

**PROPOSED ABANDONMENT PROGRAM**
**RANCHO SAN FRANCISCO WELL #144**
**NEWHALL POTRERO FIELD, LOS ANGELES COUNTY**

1. RU Coil Tubing Unit (CTU), install Class II BOPE. RIH and lay a Class "G" cement plug in 5" liner and 7" casing from 12,788 FT to 12,020 FT. Tag cement plug, DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay base mud from 12,020 FT to 1,150 FT.

2. RU perforators, RIH with cavity shot gear to 1,150 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,150 FT to 1,050 FT. Tag top of plug. DOGGR to witness location and hardness of plug.

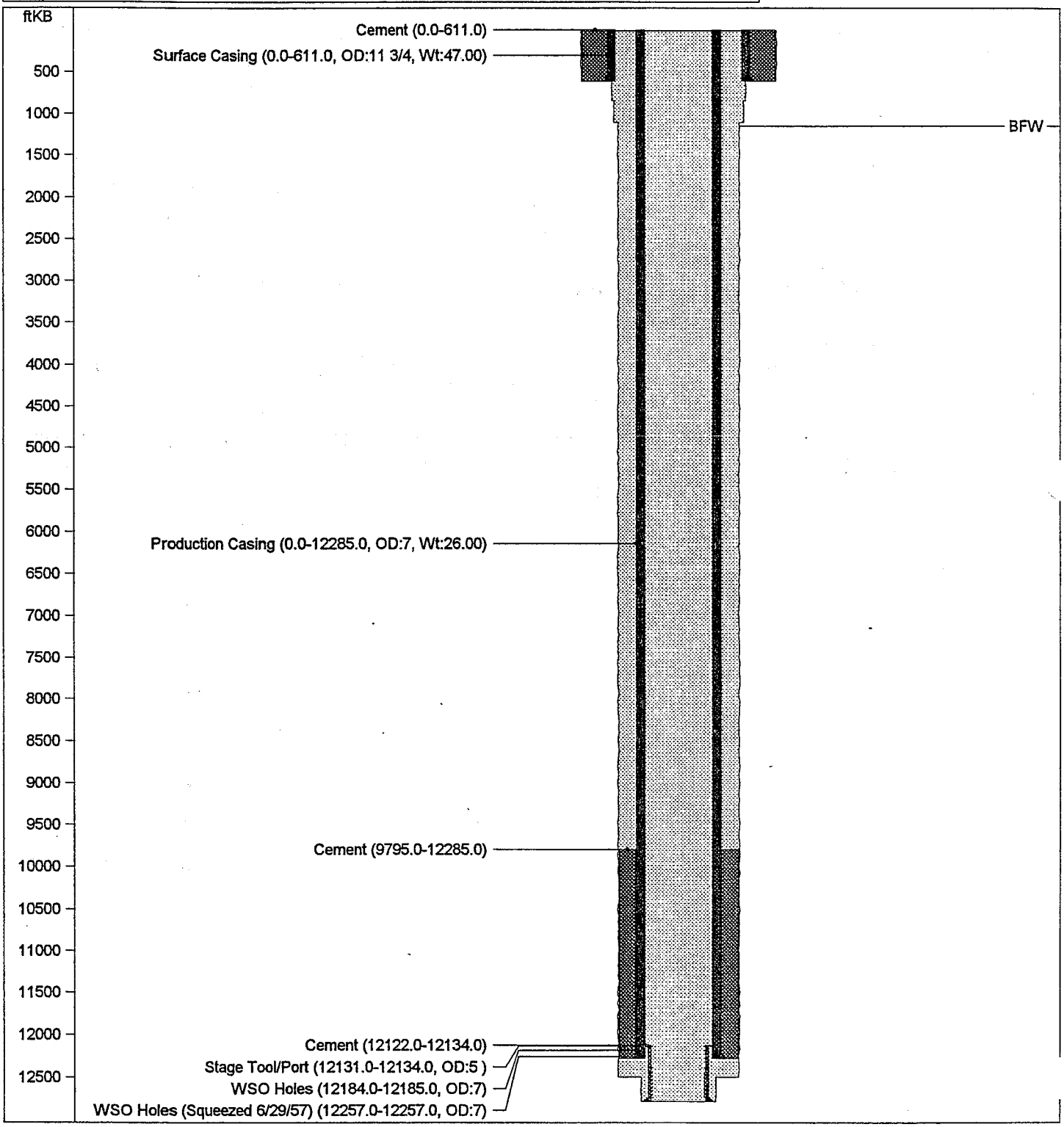
3. Fill 7" casing with 72# clay base mud from 1,050 FT to 100 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 100 FT. RD perforators. RIH with coil tubing and circulate surface plug into 7" x 13-3/8" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make final inspection of location after restoration.

| 04037128970000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 144 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 12790.0 ftKB |
| PBTD | 12790.0 ftKB |
| Approval Date | 18-Mar-57 |
| Spud Date | 22-Mar-57 |
| TD Date | 26-Jul-57 |
| Production Date | 27-Jul-57 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**8/18/97**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
JAN 17 1979
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #144, API No. 037-12897

Sec. 26, T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth. 12,790'.

2. Complete casing record, including plugs and perforations:

11-3/4" surf csg cmt @ 607' w/375 sks.
7" Intm. csg cmt @ 12,285' w/600 sks.
5" liner hung 12,122'-12,788'.
perfs 12,440'-12,750'.
2-7/8" tbg to 12,173' latched into perm. pkr @ 12,090'.

3. Present producing zone name 7th Zone in which well is to be recompleted 7th

4. Present zone pressure 1750 PSI New zone pressure Same

5. Last produced

| (Date) | (Oil, B/D) | (Water, B/D) | (Gas, Mcf/D) |
|---|---|---|---|
| - | - | - | - |

or

6. Last injected

| (Date) | (Water, B/D) | (Gas, Mcf) | (Surface pressure, psig.) |
|---|---|---|---|
| 6/19/78 | 800 | -0- | 700 |

The proposed work is as follows: Begin water injection. Injection pressures not to exceed 4,500 PSI surface pressure.

This well to be part of the Newhall-Potrero 7th Zone Waterflood as proposed in our letter of September 29, 1977 and revised in our letter of November 20, 1978 and approved in your letter of November 9, 1977.

This well was used for injectivity testing in the 7th Zone to gather data for system design. We now propose to begin full scale injection.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall (City) California (State) 91321 (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By M.G. Smith for (Name) JACK ANDREWS (Date) JAN 15 1979
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

(1-78-GSRI-15M) ✓

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 278-182

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. Jack Andrews, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Santa Paula Calif.
June 21, 1978

Your operations at well "Rancho San Francisco"/144, API No. 037-12897, Sec. 26, T. 4N, R. 17W, S.B., B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on June 12, 1978. Mr. P. Vigus, representative of the supervisor, was present from 1400 to 2200. There were also present Mr. Ron Emerson of Triangle Service

Present condition of well: Additions to the casing record since proposal dated 3/29/78: 2 7/8" tbg 0-12,173', packer @ 12,173'.

The operations were performed for the purpose of demonstrating that the injected fluid is confined to strata below 12,440'.

DECISION:

THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 12,440' AT THIS TIME.

r

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor
John L. Hardoin

OG109 (6-77-GSRI-15M)

NRAY MID-CONTINENT OIL COMPANY
California District

RECEIVED
NOV 26 1957
LOS ANGELES, CALIFORNIA

# WELL SUMMARY REPORT

NEW WELL

Field Newhall-Potrero Field, Los Angeles County

*Well No. "Rancho San Francisco" 144-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Location 1521.76' South and 6156.24' East from R.S.F. corner "J"

Elevation of K.B. above sea level 1142.72'.

K.B. above ~~Concrete Mat~~ Ground 13.30'.

Date October 23, 1957

Signed O. A. Graybeal
O. A. Graybeal, Agent

Contractor Sun Drilling Co.
Type Rig National 125
Commenced Drilling : March 22, 1957 (Date)

Completed Drilling : July 26, 1957 (Date)

## WELL CONDITIONS PRIOR TO WORK

Total Depth - Plugged Depth -

NEW WELL

## WELL CONDITIONS AFTER WORK

Total Depth 12,790' Plugged Depth -

11 3/4" 47# csg. C. @ 607' w/375 sx.
7" 23#, 26#, 29# csg. C. @ 12,285' w/600 sx.
4 - jet holes @ 12,184' - WSO
4 - 1/2" holes @ 12,185' - WSO
4 - 3/8" holes @ 12,255' - WSO
4 - 15/32" holes @ 12,257', squeezed w/11 sx
5" 18# liner H. @ 12,788'; hanger @ 12,122'; C.P. collar @ 12,418'.
Perf. w/168 - 1/4" rd. holes/ft. 12,440'-12,750'.
4 - 1/2" holes @ 12,382' squeezed w/85 sx.
4 - jet holes @ 12,389' squeezed w/25 sx.
4 - 1/2" holes @ 12,390' squeezed w/55 sx.

Permanent Production Packer @ 12,090'.

16" hole to 607'.
10 5/8" hole to 1103'.
9 7/8" hole to 12,495'.
6" hole to 12,790' - total depth.

Commenced Producing July 27, 1957 (Date) ~~Flowing~~/gas lift/~~pumping~~

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production 7/29/57 | 165 | 28.5° | 2.2 | 26 | 140 | 725 |
| Production after 23 days | 214 | 26.5° | 1.5 | 74 | 160 | 730 |

Electrical Log Depths 607' to 12,790' (Attach copy of Log)

LC

S-1299

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 26 1957
LOS ANGELES, CALIFORNIA

## HISTORY OF OIL OR GAS WELL

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero, Los Angeles County

WELL NO. "Rancho San Francisco" 144-7, SEC. 26, T. 4N, R. 17W, S.B. B. & M.

SIGNED O. A. Graybeal

DATE October 23, 1957 TITLE O. A. Graybeal, AGENT
(PRESIDENT, SECRETARY OR AGENT)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

1957
DATE

3/22 Spudded in at 12:30 am with 16" hole opener to 47'. Drilled ahead with 11" bit to 843'.

3/23 Opened 11" hole to 16" from 47' to 607'.

SURFACE CASING
Ran 611.3' of 11 3/4" 47# J-55 ST&C smls. casing with Baker cement guide shoe cemented at 607' with 375 sacks of Colton construction cement premixed with 2 1/2% calcium chloride. Good cement returns. Plugs did not bump. Landed casing. Cut off 18.7'.

Tested base plate to 1500 psi. Held O.K.

3/24 Tested B.O.P.E. to 1000 psi. Held O.K.
Found top of cement at 550'. Cleaned out hole and drilled ahead to 1103' with 10 5/8" b
Reduced hole size to 9 7/8" at 1103' and drilled ahead.

4/13 Changed to High pH Diesel Oil Emulsion mud at approximately 7000'.

4/27 One cone of bit left in hole at 8757'.
Recovered junk with Globe basket.
Drilled ahead.

5/6 One cone of bit left in hole at 9675'.
Junk drilled out. Drilled ahead.

5/9 Lost one cone of bit at 9885'.
Drilled out junk. Drilled ahead.

5/16 One cone of bit left in hole at 10,405'.
Drilled out junk. Drilled ahead.

5/20 Lost one cone of bit in hole at 10,684'.
Drilled out junk. Drilled ahead.

5/28 Piece of bit lost in hole at 11,170'.
Drilled out junk. Drilled ahead.

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED
MAR 13 1957
LOS ANGELES, CALIFORNIA

037-12897

# DIVISION OF OIL AND GAS
## Notice of Intention to Drill New Well

4

This notice and surety bond must be filed before drilling begins

Los Angeles, Calif. March 8, 1957

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 144-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

RJ

Legal description of mineral right lease, consisting of ____ acres, is as follows: ____
(Attach map or plat to scale)

MAP ALREADY FURNISHED

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1521.96 feet South (Direction) along ~~property~~ section line and 6156.24 feet East (Direction)

at right angles to said line from ~~the~~ Corner "J" ~~corner~~ of ~~section~~ property

Elevation of ground above sea level 1129.42 feet ____ datum.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 13.30 (est.) feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 11-3/4" | 47# | J-55 | Surface | 600' | 600' |
| 7" | 23#, 26# 29# | J-55 N-80 P-110 | Surface | 12,430' | 12,430' |
| 5-1/2" | 17# | J-55 | 12,430' | 12,720' | Hung |

Intended zone or zones of completion: Seventh Zone (Name) 12,245'; 12,690' (Depth, top and bottom)

Estimated total depth 12,720'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| RJ 18-A 2-14 | Cyt | | | | |

MAR 28 1957
In process of getting pilot prod. data. Will send in completion notice to be made later. Well was made shallower than before.

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard
Los Angeles 15, California
Telephone Number RIchmond 8-5171

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)
By O. A. Graybeal
O. A. Graybeal, Agent

Type of Organization (Corporation, Partnership, Individual, etc.)

,OURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

April 15, 1997

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St., Suite 154
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 147,

A.P.I. No. 037-12900, Section 26, T. 4N, R. 17W, SBB.& M.,

Newhall Potrero field, Los Angeles County,

dated December 30, 1996, received January 6, 1997, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

bmh

cc: Update

Modified OG159 (4/94)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T296-285

# Report on Operations

Bradford A. DeWitt, Agent
Medallion Ca. Properties Co.
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
December 30, 1996

Your operations at well "Rancho San Francisco" 147, API No. 037-12900, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 10-31-96. Paul Cronmiller, representative of the supervisor, was present from 1300 to 1400. There were also present Von Fortemberry, Foreman

Present condition of well: 13 3/8" cem 604'; 7" cem 12,710', cp @ 12,545', WSO perf @ 12,544', perf @ 100' & 12,695', cavity shot @ 1150'; 5 1/2" ld 12,712'-13,023', all perfed. TD 13,025' plugged w/ cem 13,010'-12,363', 1150'-930' & 100'-10'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T296-

Report on Operations

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles

Well "Rancho San Francisco" 147 Sec. 26, T 4N, R 17W, S. B. B. & M.

A.P.I. No. 037-12900 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)

Date December 30, 1996

Signature Claude D. Fiddler

1100 Mohawk Street, Suite 154, Bakersfield, CA 93309 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1996 | |
| 10/28 | MIRU coil tubing unit. RD injection tree, installed Class II BOPE. RIH w/CT, tagged down at 13,010 ft. Pumped 108 $ft^3$ Class "G" cement w/40% silica flour. Laid cement plug 13,010 ft to 12,390 ft. POOH. SIW. |
| 10/30 | RIH w/CT. Tagged cement at 12,363 ft. Tag witnessed by Paul Crowmiller, DOGGR. Pumped 424 bbls 9.6 ppg mud to fill well to 1,150 ft. POOH. RU perforators. Made cavity shot at 1,150 ft and shot eight 1/2" holes at 100 ft. Pumped 63 $ft^3$ Class "G" cement into cavity. Laid plug 1,150 ft to about 850 ft. POOH. SIWFN. |
| 10/31 | RIH w/CT. Tagged plug at 930 ft. Pumped 31 bbls 9.6 ppg mud, filled well to 100 ft. RD CT unit. Pumped 82 $ft^3$ Class "G" cement down 7" and up 7" x 13-3/8" annulus. Had returns to surface in 7" and 7" x 13-3/8" annulus. Tag, mudding, and surface plug witnessed by Paul Crowmiller, DOGGR. |

RECEIVED
JAN 6 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P296-218

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
--
(new pool code
40
(old pool code)

WATERFLOOD

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St. Suite 154
Bakersfield, CA 93309-7416

Ventura, California
September 30, 1996

Your _____ proposal to abandon _____ well "Rancho San Francisco" 147, A.P.I. No. 037-12900, Section 26, T. 4N, R. 17W, S.B. B.&M., Newhall Potrero field, ---------- area, 7th pool, Los Angeles County, dated 9/17/96, received 9/24/96, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 13,023'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs./cu. ft and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. This office shall be consulted before deviating from the proposed abandonment program.
6. Well site restoration is completed within 60 days following plugging and abandonment of the well.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plugs at 12,590'.
   b. To witness the mudding of the well.
   c. To witness the location and hardness of the cement plug at 1,050'.
   d. To witness the placing of cement inside the 7" casing and all annuli.
   e. To inspect and approve the cleanup of the well site before approval of abandonment will be issued.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (Modified 1993)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "RANCHO SAN FRANCISCO" #147, API No. 03712900, Sec. 26 T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County, commencing work on SEPTEMBER 26, 19 96.

The present condition of the well is:

1. Total depth 13,025 FT
2. Complete casing record, including plugs and perforations (present hole) 13 3/8" CASING CMTD @ 604 FT. 7" CASING CMTD @ 12710 FT PACKER @ 12,659'
3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected PRIOR 1990 LAST INJECTION SURVEY 2-9-88 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

RECEIVED SEP 24 1996 DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCE VENTURA, CALIFORNIA

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows: SEE ATTACHED PROGRAM

5 1/2" LINER HUNG @ 13,023 FT TOL @ 12,712 FT
PERFORATED W/192 1/4" RHPF 12,712 FT — 13,023 FT.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 MOHAWK #154 (Street)
BAKERSFIELD CA 93309 (City) (State) (Zip)
Telephone Number (805) 635-0465 (Area Code) (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By CLAUDE D. FIDDLER P.E. (Print Name)
(Signature) 9-17-96 (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

Proposed Abandonment Program
Rancho San Francisco Well #147
Newhall-Potrero Field, Los Angeles County

1. RU Coil Tubing Unit (CTU), install Class II BOPE, RIH and lay a Class "G" cement plug in 5 1/2" liner and 7" casing from 13,0239 FT to 12,590 FT. Tag cement plug, DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay base mud from 12,590 FT to 1,150 FT.

2. RU perforators, RIH with cavity shot gear to 1,150 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,150 FT to 1,050 FT. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72# clay base mud from 1,050 FT to 100 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 100 FT. RD perforators. RIH with coil tubing and circulate surface plug into 7" X 13 3/8" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make final inspection of location after restoration.

CDF 9/17/96

RECEIVED
SEP 24 1996
DIVISION OF OIL, GAS AND
GEOTHERMAL RESOURC
VENTURA, CALIFORN

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
JAN 17 1979
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #147, API No. 037-12900

Sec. 26, T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth. 13,025'

2. Complete casing record, including plugs and perforations:

13-3/8" surf csg. cmt @ 604' w/330 sks.
7" Intm. csg. cmt @ 12,710' w/600 sks.
5½" liner hung 12,690'-13,023'
perfs 12,712'-13,023'.
2-7/8" tbg to 12,674' latched into perm pkr @ 12,657'.

3. Present producing zone name 7th Zone in which well is to be recompleted 7th

4. Present zone pressure 1750 PSI New zone pressure Same

5. Last produced 10/9/78 (Date) 1 (Oil, B/D) -0- (Water, B/D) 700 (Gas, Mcf/D)

or

6. Last injected - (Date) - (Water, B/D) - (Gas, Mcf) - (Surface pressure, psig.)

The proposed work is as follows: Hook up water injection lines. Begin injection. Injection pressure not to exceed 4,600 PSI surface pressure.

This well to be part of the Newhall-Potrero 7th Zone Waterflood as proposed in our letter of September 29, 1977 and revised in our letter of November 20, 1978 and approved in your letter of November 9, 1977.

BFW
CK nearby
well

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall (City) California (State) 91321 (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By M. G. Smith for / (Name) JACK ANDREWS (Date) JAN 15 197
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

(1-78-GSR1-15M) ✓

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12900

## Notice of Intention to Drill New Well

2

This notice and surety bond must be filed before drilling begins

Los Angeles, Calif. April 15, 1958

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 147-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of ..... acres, is as follows: ..... (Attach map or plat to scale)

MAP ALREADY FURNISHED

*Correction letter 5-7-58 yk

Do mineral and surface leases coincide? Yes X No ..... If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: * ~~2147 (est.)~~ 2150.07 feet South (Direction) ~~along section line~~ property and ~~8470 (est.)~~ 8475.95 feet East (Direction) ~~at right angles to said line from the~~ property ~~corner of section~~ from Corner "J"

Elevation of ground above sea level 1260 (est.) feet ..... datum.

All depth measurements taken from top of kelly bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 12.50 (est.) feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13 3/8" | 54.5# | J-55 Smls | Surface | 600' | 600' |
| 7" | 23#,26# 29# | J-55,N-80 P-110 Smls | Surface | 12,750' | 12,750' |
| 5 1/2" | 17# | J-55 Smls | 12,730' | 12,990' | Hung |

Intended zone or zones of completion: Seventh Zone (Name) 12,750'; 12,950' (Depth, top and bottom)

Estimated total depth 12,990'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 184 BI 4-21 | 184 BI 4-21 | | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard
Los Angeles 15, California
Telephone Number RIchmond 8-5171

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

Type of Organization (Corporation, Partnership, Individual, etc.)

SOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

April 15, 1997

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St., Suite 154
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 148,

A.P.I. No. 037-10658, Section 26, T. 4N, R. 17W, SBB.& M.,

Newhall Potrero field, Los Angeles County,

dated December 30, 1996, received January 6, 1997, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

bmh

cc: Update

Modified OG159 (4/94)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T296-281

# Report on Operations

Bradford A. Dewitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
December 30, 1996

Your operations at well "Rancho San Francisco" 148, API No. 037-10658, Sec. 26, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 11-9-96. Paul Cronmiller, representative of the supervisor, was present from 0930 to 1000. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 607'; 7" cem 12,927', WSO perf @ 12,910', perf @ 100', Cavity shot @ 1150'; 5 1/2" ld 12,913'-13,345', perf 12,935'-13,147' & 13,340'-13,345'. Junk: BHP tools 13,340'-13,345'. TD 13,347'. Plugged w/ cem 13,293'-12,726', 1150'-964' & 100'-10'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles

Well "Rancho San Francisco" 148 Sec. 26, T 4N, R 17W, S. B. B. & M.

A.P.I. No. 037-10658 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)

Date December 30, 1996

Signature Claude D. Fiddler

1100 Mohawk Street, Suite 154, Bakersfield, CA 93309 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1996 | |
| 11/7 | RU well service unit, pull and lay down 2-7/8" kill string. MIRU coil tubing unit. Install Class II BOPE. RIH w/CT and tagged down at 13,293 ft. Called DOGGR and obtained permission to plug from 13,293 ft. Laid 118 $ft^3$ Class "G" cement plug w/40% silica flour from 13,293 ft to 12,582 ft. Pulled up to 11,000 ft. SIWFN. |
| 11/8 | RIH w/CT. Tagged cement plug at 12,726 ft. Tag witnessed by Paul Crowmiller, DOGGR. Pumped 420 bbls 9.6 ppg mud to 1,150 ft. RD CT. RU perforators. Made cavity shot at 1,150 ft. RD perforators. RU CT unit. RIH to 1,150 ft, laid 65 $ft^3$ Class "G" cement plug from 1,150 ft to 850 ft. POOH. SIWFN. |
| 11/9 | RIH. Tagged cement plug at 964 ft. Pumped 32 bbls 9.6 ppg mud to fill to 100 ft. RU perforators, shot eight 1/2" holes at 100 ft, pumped 82 $ft^3$ Class "G" cement into 7" casing and in 7" x 13-3/8" annulus. Had returns to surface in 7" x 13-3/8" annulus. Tag, mudding, and surface plug witnessed by Paul Crowmiller, DOGGR. |

RECEIVED
JAN 6 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

500/00
7th (40)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well RSF 148, API No. 037-10658

Sec. 26 T. 4N, R. 17W, S.B. B. & M., NEWHALL PROTERO Field, LOS ANGELES County,

commencing work on 11-7, 19 96.

The present condition of the well is:

1. Total depth 13347
2. Complete casing record, including plugs and perforations (present hole) 7" CSG TO 12927
   5½ LINER 12,913 TO 13,345
   PERFS 12935 TO 13,327
   JUNK 13,340
3. Last produced 12-87 (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last Injected (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands 1150

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

PLUG WELL FROM 13,340 TO 12 813
9.6 PPG MUD FROM BOTTOM PLUG TO 1150'
CAVITY SHOT AT 1150
CEMENT FROM 1150 TO 1050
MUD FROM 1050 TO 100' ±
CIRCULATING HOLES AT 100' ± TO CIRCULATE
SURFACE PLUG IN

RECEIVED
NOV 7 1996
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

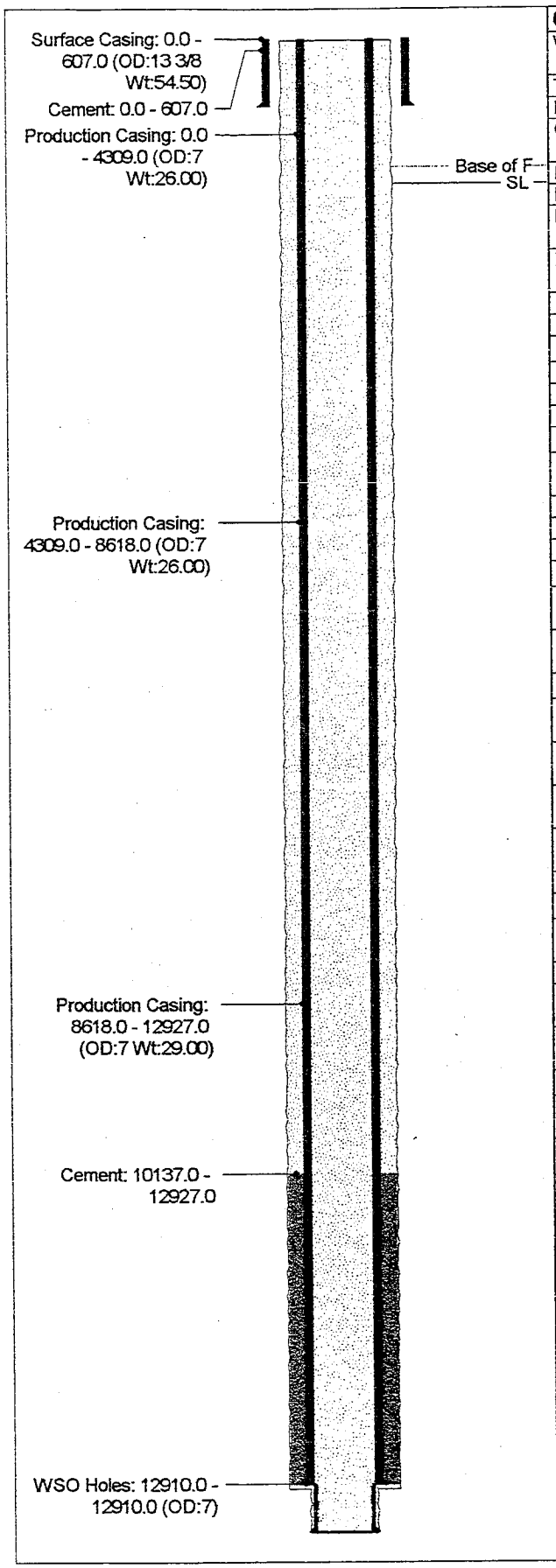
Address 26835 PICO CYN RD (Street)
NEWHALL CALIF 91350 (City) (State) (Zip)
Telephone Number (805) 254-2856 (Area Code) (Number)

MEDALLION CALIF. PROPERTIES (Name of Operator)
By VON FARTENBERRY (Print Name)
(Signature) 11-6-96 (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

# RANCHO SAN FRANCISCO 148

11/7/96




**04037106580000**

| | | | |
|---|---|---|---|
| Well Name | RANCHO SAN FRANCISCO 148 | Not Used | |
| TD | 13347.0 ftKB | Not Used | |
| PBTD | 13347.0 ftKB | Not Used | |
| Operator | MEDALLION CALIF PRPTS CO | Approval Date | 23-Oct-58 |
| Field Name | EWHALL-POTRER | Spud Date | 01-Nov-58 |
| Not Used | | TD Date | 22-Feb-59 |
| Not Used | | Production Date | 25-Feb-59 |
| Not Used | | Injection Date | |
| Not Used | | P/A Date | |
| Not Used | | | |

## Elevations

| | | | |
|---|---|---|---|
| KB | 1296.0 ft | Cas Flng | |
| Grd | 1283.0 ft | Tub Head | |
| KB-Grd | 13.0 ft | | |

## Bore Hole Data

| Depth (ftKB) | Size (in) |
|---|---|
| 607.0 | 6 |
| 12960.0 | 9 7/8 |
| 13347.0 | 6 |

## Casing String - Surface Casing

| Item (in) | Btm (ftKB) | Jnts | ID | Wt | Grd | Thd |
|---|---|---|---|---|---|---|
| 13 3/8 in Surface Casing | 607.0 | | 0 | 54.50 | J-55 | |

## Casing String - Production Casing

| Item (in) | Btm (ftKB) | Jnts | ID | Wt | Grd | Thd |
|---|---|---|---|---|---|---|
| 7 in Production Casing | 4309.0 | | 0 | 26.00 | J-55 | |
| 7 in Production Casing | 8618.0 | | 0 | 26.00 | N-80 | |
| 7 in Production Casing | 12927.0 | | 0 | 29.00 | P-110 | |
| 7 in WSO Holes | 12910.0 | | 0 | | | |

## Casing String - Liner 1

| Item (in) | Btm (ftKB) | Jnts | ID | Wt | Grd | Thd |
|---|---|---|---|---|---|---|
| 5 1/2 in Liner 1 | 13345.0 | | 0 | | | |
| 5 1/2 in Perforated Completion | 13147.0 | | 0 | | | |
| 5 1/2 in Perforated Completion | 13327.0 | | 0 | | | |

## Casing Cement

| Casing String | Top (ftKB) | Amount (sx) | Comments |
|---|---|---|---|
| Surface Casing | 0.0 | 365 | premixed with 2-1/2% CaCl2 and 4% Gel |
| Production Casing | 10137.0 | 500 | mixed with 4% Gel |

## Other (plugs, equip., etc.) - Junk

| Date | Item | Int (ftKB) |
|---|---|---|
| 23-Feb-59 | Junk | 13340.0 - 13345.0 |

## Formation/Horizon Tops

| Top (ftKB) | Formation |
|---|---|
| 1150.0 | Base of Fresh Water |

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY Medallion WELL NO. Rancho San Francisco

API NO. 04-037-10658 SEC. 26, T. 4 N, R. 17W, SB B.&M.

COUNTY LA FIELD Newhall-Potrero

RBDMS DATA ENTERED: 11/7/98 UPDATED 1-9-97
(DATE)

BY: SAT
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

RECEIVED
OCT 20 1958
INGLEWOOD, CALIFORNIA

037-10658

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well 3

This notice and surety bond must be filed before drilling begins

Los Angeles, Calif. October 15, 1958

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 148-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of ____ acres, is as follows: ____ (Attach map or plat to scale)

MAP ALREADY FURNISHED

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: ~~1500~~ 1493.64 feet South (Direction) along ~~section~~ property line and ~~7750~~ 7753.21 feet East (Direction) at right angles to said line from ~~the~~ Corner "J" corner of property section

Elevation of ~~ground~~ top of cellar above sea level ~~1277~~ 1282.97 feet, elevation of kelly bushing above sea level 1295.9 datum. (Cor letter 11-7-es)

All depth measurements taken from top of kelly bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 13.0 (est.) feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls. | Surface | 600' | 600' |
| 7" | 23#,26# & 29# | J-55, N-80, P-110 Smls. | Surface | 12,860' | 12,860' |
| 5-1/2" | 17# | J-55 Smls. | 12,840' | 13,210' | None |

Intended zone or zones of completion: Seventh Zone (Name) 12,865' - 13,180' (Depth, top and bottom)

Estimated total depth 13,210'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| GB 10/21/58 | GB. 10/21/58 | EB | Blanket | EB | EB |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard
Los Angeles 15, California

Telephone Number RIchmond 8-5171

Type of Organization (Corporation, Partnership, Individual, etc.)

SUNRAY MID-CONTINENT OIL COMPANY (Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

RECEIVED
AUG 2 1967
INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. August 1 19 67

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. Rancho San Francisco #148-7 (037-10658)
(Cross out unnecessary words)

, Sec. 26, T. 4N, R. 17W, SB B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 13,347'

2. Complete casing record, including plugs:

13 3/8" 54.5#, J-55, ST&C Csg. cmt'd. at 607' w/365 sx.
7" 26#, 29#, J-55, N-80, P-110, LT&C, X-Line Csg. cmt'd. at 12,927' w/500 sx.
4-3/8" Bullet holes at 12,910' - WSO.
7" - 29# Baker Model "D" C.I. permanent production packer at 12,870'.
5 1/2" 17#, J-55, F.J. Liner hung at 13,345' w/top of hanger at 12,913'. Perforated w/192 1/4" RHPF: (12,935-13,147'); (13,209-13,327').
17 1/2" Hole to 607'
10 5/8" Hole to 610'
9 7/8" Hole to 12,960'
6" Hole to 13,347' T.D.

3. Last produced. June, 1967 (Date) 95 (Oil, B/D) 5 (Water, B/D) 414 (Gas Mcf/D)

The proposed work is as follows:

1. Mill out 7" - 29# Model "D" packer at 12,870'.
2. Stimulate productivity.
3. Run production string with retrievable production packer.
4. Place well on production.

After Casing

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | Market | asg | asg |

23928 Lyons Avenue
Newhall, California 91321
(Address)

805 259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

James R. Weddle, Agent
DKM OFFSHORE ENERGY
1400 Easton Drive, Ste. 133
Bakersfield, CA 93309

Ventura, California
May 18, 1994

Your report of plugging and abandonment of well "Rancho San Francisco" 152, A.P.I. No. 037-12654 Section 26, T. 4N, R. 17W, SB B.&M., Newhall Potrero field Los Angeles County, dated December 30, 1992, received January 2, 1993 has been examined in conjunction with operations witnessed and records file in this office. We have determined that all of the requirements of this Division have been fulfilled.

Change of designation May 18, 1977 to "Rancho San Francisco" 152

**All of SUNRAY DX OIL COMPANY wells in field transferred 10-25-68 to SUN OIL COMPANY - DX DIVISION. Form 156, 11-20-68. See ownership file.**

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
JUL 15 1993
VENTURA, CALIFORNIA

**Operator:** DKM Offshore Energy, Inc. **Field:** Newhall-Potrero **County:** Los Angeles
**Well:** "Rancho San Francisco" 152 Sec. 26 , T 4N , R 17W , S.D. B.&M.
**A.P.I. No.:** 037-12654 **Name:** Bradford A. DeWitt **Title:** Agent
**Date:**

**Signature** Bradford A. DeWitt

1400 Easton Drive, Suite 133 Bakersfield, CA 93308 (Address)

805/395-3029 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

1993

02-10 MIRU. Remove tree. Install and test BOPE. Build floor. Pull and lay down 10 joints 2-7/8 inch tubing and seal assembly. Pick up and measure in 456 ft 2-3/8 inch Hydrill tubing and 7,800 ft 2-7/8 inch tubing.

02-11 Continue RIH (measuring) with 2-7/8 inch tubing. Tag at 12,535 ft; circulated but could not clean out (may be top of fish lost 3/28/85; 70-75 ft Hydro-Test tools). Rig up B.J. Services and pump 135 sacks (155 cu ft) of Class G neat cement (retarded for 3 hrs pump time @ 180° F) from 12,535 ft to 11,680 ft. Start to pull tubing up but sticking. Work tubing up to 12,451 ft and stuck. Pressure tubing to 2,000 psig with no circulation.

02-12 Rig up wireline for feeler run; RIH with 2-1/8 inch tubing broach. Found pick-up at 10,320 ft, work down to 10,878 ft; unable to go deeper. RIH to 10,870 ft with jet cutter and cut tubing; pipe came free. Rig up B.J. Services and pump 18 sacks (21 cu ft) Class G neat cement from 10,870 ft to 10,770 ft (DOG representative Pete Wygle witnessed pipe cut, mud plug, and cement plug placement). Pull tubing up to 10,760 ft and reverse circulate tubing clean. Spot 366 bbls 9.6 ppg clay base mud from 10,770 ft to 1,200 ft. Pull and lay down tubing (stand back 1,200 ft tubing).

02-13 Lay down remaining tubing. RIH and shoot cavity shot at 1,200 ft. RIH with tubing to 1,214 ft. Rig up B.J. Services and pump 41 sacks (47 cu ft) of Class G neat cement from 1,214 ft to 1,000 ft. Pull workstring up to 580 ft and reverse circulate clean.

02-15 RIH with workstring, tag top of cement at 1,045 ft (witnessed and approved by DOG representative Steve Mulqueen). Spot 38 bbls 9.6 ppg clay base mud from 1,045 ft to 60 ft. RIH with workstring to 61 ft. Pump 11 sacks (13 cu ft) Class G neat cement to surface; POOH and lay down tubing. Pump 52 sacks (62 cu ft) Class G cement down 7 inch x 13-3/8 inch annulus filling to surface. Pumping of surface plugs witnessed by DOG representative Steve Mulqueen). RDMO.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS
AND GEOTHERMAL RESOURCES

No. T293-038

# REPORT ON OPERATIONS

James R. Weddle, Agent
DKM Offshore Energy, Inc.
1400 Easton Drive, Suite 133
Bakersfield, CA. 93309

Ventura, California
March 2, 1993

Your operations at well "Rancho San Francisco" 152, API No. 037-12654, Sec. 26, T. 4N, R. 17W, S.B.B.&M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 2-15-93. Stephen Mulqueen, representative of the supervisor, was present from 0800 to 1100. There were also present Von Fortenberry.

Present condition of well: 13 3/8" cem 600'; 7" cem 12247', perf 12080' & 12233' WSO, cp 12126' & 12247', cav shot 1200'; 5 1/2" ld 12229'-12609', perf 12080' WSO, perfs 12250'-12568'. TD 12750'. Plugged w/cem 12750'-12610', 12535'-11680' +/-, 10870'-10750' +/-, 1214'-1045' & 68'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

SF:SM:nr

WILLIAM F. GUERARD, Jr.
Acting State Oil and Gas Supervisor

By
Patrick J. Kinnear
Deputy Supervisor

OG109

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

500/00/40

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | BB | 1-6-93 ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Rancho San Francisco" 152-7, API No. 037-12654, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

commencing work on _____, 19____.

The present condition of the well is:

1. Total depth 12,750'; PBTD 12,609'
2. Complete casing record, including plugs and perforations (present hole)

   13-3/8", 54.5# cem @ 600'; 7", 26 & 29# cem @ 12,247'; 5-1/2", 17# 12,229' to 12,609'; 192 1/4" HPF from 12,250' to 12,568'; WSO @ 12,080'
3. Last produced November 1983 2/275/14
   (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   or
4. Last injected February 1988 725 BWPD NA
   (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of fresh water sands _____

DIVISION OF OIL AND GAS
RECEIVED
JAN 0 1 1993
VENTURA, CALIFORNIA

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

1. Release Model D packer @ 12,200'. POOH with 2-7/8" tubing.
2. Attempt to clean out any fill to 12,609'.
3. Place cement* plug from 12,609' to 12,100'.
4. Shoot 8 1/2" holes at 1,200'. Cement squeeze 100 cu ft into annulus. Place cement plug from 900' to 1,200'.
5. Place cement plug from 200' to surface.
6. Cut off 7" and 13-3/8" casing strings at cellar floor. Weld 3/8" steel plate on top of 13-3/8" casing. Backfill and grade location.

* DOG to witness all cementing and mudding operations.
* All cement will be API Class G with 50% sand.
* All portions of hole not cemented will be filled with clay or water base mud with 25 lb/100 sq. ft. gel shear and minimum density of 72 lb/cu ft.

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1400 Easton Drive, Suite 133
(Street)
Bakersfield, CA 93309
(City) (State) (Zip)

Telephone Number ( ) 805/395-3029
(Area Code) (Number)

DKM Offshore Energy, Inc.
(Name of Operator)

By Bradford A. DeWitt
(Print Name)

Bradford A. DeWitt 12/30/92
(Signature) (Date)

OG108 (10/85/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| | | |
|---|---|---|
| Field or county: Newhall-Potrero | | District: 2 Ventura |
| Former owner: Tidelands Oil Production Company | Operator code: T2975 | Date: 11-1-92 |

Name and location of well(s)

All wells previously owned by Tidelands Oil Production Company, in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Description of the land upon which the well(s) is (are) located

| | | | |
|---|---|---|---|
| Date of transfer, sale, assignment, conveyance, or exchange: 11-1-92 | New owner: DKM Offshore Energy, Inc. | Operator code: D0230 | Type of organization: Corporation |
| | Address: 1100 Louisiana, Ste.4550 Houston, Texas 77002 | | Telephone No.: (713) 739-0312 |

Reported by: DKM Offshore Energy, Inc.

Confirmed by: Tidelands Oil Production Company

| | |
|---|---|
| New operator new status (status abbreviation): PA | Request designation of agent |
| Old operator new status (status abbreviation) | Remarks |

| | | |
|---|---|---|
| OPERATOR STATUS ABBREVIATIONS | Deputy Supervisor: Patrick J. Kinnear | Signature: Patrick J. Kinnear / PJK |

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

FORM AND RECORD CHECK LIST

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252+253 | PC | 1-30-99 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| Newhall Potrero | 2 |
| **Former owner** | **Date** |
| Oryx Energy Company | May 15, 1991 |

Name and location of well(s)

Sec. 26, T. 4N., R. 17W., SBB&M

"Rancho San Francisco" 129 (037-12883)
"Rancho San Francisco" 130 (037-12884)
"Rancho San Francisco" 132 (037-12886)
"Rancho San Francisco" 141 (037-12894)
"Rancho San Francisco" 143 (037-12896)
"Rancho San Francisco" 144 (037-12897)
"Rancho San Francisco" 147 (037-12900)
"Rancho San Francisco" 148 (037-10658)
"Rancho San Francisco" 152 (037-12654)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 1-1-91 | Tidelands Oil Production Co.<br>Address<br>925 Harbor Plaza<br>Long Beach, CA 90801 | Co.<br>Telephone No.<br>213-436-9918 |

Reported by
Oryx Energy Company

Confirmed by
Tidelands Oil Production Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| PA | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (6/90/GSR1/2M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

MAY 18 1984
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION Field or County Newhall-Potrero
Well Rancho San Francisco #152, Sec. 26, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12654 Name STAN W. BLOSSOM (Person submitting report) Title Agent (President, Secretary or Agent)
Date 5-16, 1984

Signature Stanley W. Blossom

Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date 1984 | |
|---|---|
| 4/23 | 7" CSG @ 12,247'/5½" LNR 12,229-12,609/PERFS 12,290-12,568/7TH ZONE/ MIRU CPS/BLEED WELL DN/REMOV TREE/INSTL BOE/UNLAND TBG/POOH/ |
| 4/24 | FINISH OUT OF HOLE/RIH w 3-1/8" BAILER TO 12,297/BAIL SD & FELL THRU @ 12,310/RIH TO 12,590' & BAIL SD TO 12,609/RIH w 5½" CSG SCRPR TO 12,606/CHG OVR TO FRESH WTR (TOT 450 BBLS)/RU HOWCO & PMP 750 GAL 15% HCL w 25% AROMATIC SOLVENT/ DISPL w 390 $FT^3$ WTR/PULLING OUT OF HOLE w SCRPR/ |
| 4/25 | FINISH OUT OF HOLE w SCRPR/RU FOAMAIR & RIH w 1¼" & 2-3/8" TBG/TST IN HOLE/ HYPER CLN PERFS FRM 12,568-12,290 @ 3 FT/MIN w 18 REVOLUTIONS/MIN/TOT 100 BBLS WTR/ |
| 4/26 | POOH/RIH w STC TO 12,606/REVERSE OUT ACID & CHG OVR TO PKR FLUID (TOT 450 BBLS FRSH WTR w 5 GAL EA XC 370 & K-700/100 BBLS/POOH/RU MC CULLOUGH & RIH SET MODEL "D" PKR @ 12,200' (CSG CLR 12,585')/RU HYDRO-TEST & TESTING IN HOLE w TBG @ 5000 PSI/ |
| 4/27 | FINISH IN HOLE w TBG/LAND w 8000# TENSION/PRESS CSG TO 500 PSI FOR 5 MIN, OK/RDMO/ INSTL TREE & CLN LOCATION/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FEB 3
SANTA PAULA, CALIFORNIA

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3. Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #152, API No. 037-12654, Sec. 26, T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows: PRODUCING

1. Total depth. PBTD. 12610'

2. Complete casing record, including plugs and perforations:

SEE ATTACHMENT "A"

(Convert to waterflood)

3. Present producing zone name 7th Zone Zone in which well is to be recompleted SAME
4. Present zone pressure 2600# New zone pressure SAME
5. Last produced 11/83 (Date) 2 (Oil, B/D) 275 (Water, B/D) 14 (Gas, Mcf/D)

or

6. Last injected N/A (Date) (Water, B/D) (Gas, Mcf) (Surface pressure, psig.)

The proposed work is as follows:

SEE ATTACHMENT "B"

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

Address 25322 W. RYE CANYON RD. (Street)
VALENCIA, CALIFORNIA 91355-0560 (City) (State) (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION & PRODUCTION CO. (Name of Operator)
By ✓ Stanley W. Bonny 1-25-84 (Name) (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

(1-78-GSRI-15M)

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12654

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

4 JUN 2 4 1960
INGLEWOOD, CALIFORNIA

Newhall Calif. June 21, 1960

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco #158-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of ____ acres, is as follows: ____ (Attach map or plat to scale)

Map already furnished

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1150 feet South (Direction) ~~along section~~ property line and 5750' feet East (Direction) ~~at right angles to said line from the~~ from corner "g" ~~corner of section~~ property

Elevation of ground above sea level ~~1150' (Est)~~ 1120.57 feet ____ datum.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is ~~13' (Est)~~ 15.50 feet above ground.

## PROPOSED CASING PROGRAM (Cor let 7-22-60es)

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13 3/8 | 54.5# | J-55 Smls. | Surface | 600' | 600' |
| 7" | 23# 26# | J-55, N-80 P-110, Smls. | Surface | 12,690' | 12,690' |
| 5 1/2" | 18# | J-55 Smls | 12,650' | 13,050' | None |

Intended zone or zones of completion: 7th Zone Top 12,745' - Bottom 13,022' (Name) (Depth, top and bottom)

Estimated total depth 13,050'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 150 m.m | 6-24-60 m.m | | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address ~~Route 1, Box 128, Newhall, Calif.~~

~~Sunray Mid-Continent Oil Company~~ (Name of Operator)

Telephone Number ~~805-259-2440~~

By J. McDonald ~~Agent~~

Type of Organization (Corporation, Partnership, Individual, etc.)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | | District |
|---|---|---|
| Newhall-Potrero | | 2 Ventura |
| **Former owner** | **Operator code** | **Date** |
| DKM Offshore Energy, Inc. | D0230 | 10-1-94 |

Name and location of well(s)

All wells previously owned by DKM Energy, Inc.
in Sec. 25, 26, 27, 31, 35, 36, T. 4N, R. 17W SBB&M.

Except:
"Rancho San Francisco" 152 (037-12654)

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Operator code | Type of organization |
|---|---|---|---|
| 10-1-94 | Medallion California Properties Company | M4805 | Corporation |
| | Address: 1400 Easton Dr., #133, Bakersfield, CA. 93309 | | Telephone No. (805) 395-3029 |

Reported by
Medallion California Properties Company

Confirmed by
DKM Offshore Energy

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | |
| **Old operator new status (status abbreviation)** | **Remarks** |
| | |

| Deputy Supervisor | Signature |
|---|---|
| Patrick J. Kinnear | Patrick J. Kinnear |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

FORM AND RECORD CHECK LIST

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | TKC | | Map and book 252+253 | PC | 1-3099 |
| Form OGD140 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | TKC | |
| Electric logs | TKC | | Computer Files | | |
| Production reports | TKC | | | | |

OGD156 (5/98)

25 76 037-13248

# SCHLUMBER

WELL SURVEYING CORPORATION

MEDALLION CALIFORNIA PROPERTIES CO.

[redacted]

"Rancho San Francisco" 69-5

Sec. 26-4N-17W NEWHALL-POTRERO

COMPANY: BARNSDALL OIL COMPANY

FIELD: NEWHALL-POTRERO

WELL: (R.S.F. NO.) 69-5

SEC. 26 T. 4N R. 17W

COUNTY: LOS ANGELES STATE: CALIF.

ELEV.:

RECEIVED JUL 22 1948 LOS ANGELES, CALIFORNIA

| RUN | 1 | 2 | 3 | 4 | |
|---|---|---|---|---|---|
| Date | 5-5-48 | 5-9-48 | 5-30-48 | | |
| Csg. shoe | 330 | 330 | 8834 | | |
| Total depth | 8681 | 8916 | 9247 | | |
| Depth rchd. | 8667 | 8913 | 9245 | | |
| Ft. Meas. | 8337 | 246 | 332 | | |
| Mud Nat. | Aquagel | Aquagel | Lime Imper. | | |
| Dens | 80 | 80 | 78.5 | | |
| Visc. | 52 | 65 | 45 | | |
| Res. | 3.4 @ 45°F. | 3.5 @ 60°F. | 2.6 @ 66°F. | | |
| Max. Temp. | 139°F. | 140°F. | 158°F. | | |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | | |
| Tension | — | — | — | | |
| Rig. Time | 1 1/2 hrs. | 1 1/2 hrs | 1 1/2 hrs. | | |
| Mileage | — | — | — | | |
| Observer | E.Tiner | G.Hepburn | E.Tiner | | |

Witnessed by:

## DIAMETER OF HOLE

13 3/8" - 330' 11" - 8681'

7 5/8" - 8916' 6" - 9247'

## REMARKS

Standard Resistivity - AM : 16"

Standard Lateral - OA : 16'

Long Lateral - OA : 24'

Note: Below 3500 ft. 0-80 ohms scale.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

## RESISTIVITY

——NORMAL CURVE ·····THIRD CURVE

20 -ohms m²m

## SELF-POTENTIAL

←——100 -millivolts——→

25 76

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13248

11

RECEIVED
FEB 19 1948
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. February 17 1948

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 69-5, Sec. 26, T. 4 N, R. 17 W, SB B. & M., Newhall Potrero Field, Los Angeles County.

Lease consists of

The well is 4540.51' feet ~~XX~~ or S., and 7644.59 feet E. or ~~XX~~ from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground or conc. mat above sea level is 1203.88' / 1193.88' feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 8900' feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.5# | J 55 Smls. | 250 | Cemented |
| 7" | 23, 26, & 32# | J55 & N80 Smls. | 8900 | " |
| 5½" | 17# | J55 Smls. | 9300 | Hung |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. Forbes
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18 A | NNS | M | [illegible] | [illegible] | [illegible] |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 1-47864

Los Angeles 15, Calif. March 3, 1948

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 69-5 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by N. N. Sampson, Inspector, representative of the supervisor, on March 1, 1948. There was also present H. E. Wood, Driller
Max Sherrell, Derrickman

Casing Record 13-3/8" cem. 330'; T.D. 1771'

Junk xxx

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 1:30 p.m. and Mr. Wood reported:

1. A 17-1/2" rotary hole was drilled from surface to 330'.
2. On February 24, 1948, 13-3/8" 48 lb. casing was cemented at 330' with 300 sacks of cement.
3. An 11" rotary hole was drilled from 330' to 1771'.

THE INSPECTOR NOTED that the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole and for closing around the 4-1/2" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill-up line, with a 2" high pressure stopcock, into the 13-3/8" casing, below the above equipment.

The inspection was completed at 1:50 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

cc - Company

NNS:ES

B/S

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

43395 3-45 15M
STATE PRINTING OFFICE

FORM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off
(FORMATION TESTER)

No. T 1-48209

Los Angeles 15, Calif. May 24, 1948

Mr. R. E. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY
"Rancho San Francisco"

DEAR SIR:

Your well No. 69-5, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M. Newhall-Potrero Field, in Los Angeles County, was tested for water shut-off on May 19, 1948 Mr. N. N. Sampson, Inspector, designated by the supervisor, was present as prescribed in Sec. 3222 and 3223, Ch. 93, Stat. 1939; there were also present H. M. Stanier and Jack McDonald, Engineers

Shut-off data: 7 in. 23, 26, 29 lb. casing was cemented at 8834 ft. on May 13, 1948 in 11" hole with 600 sacks of cement of which 55 sacks was left in casing. Casing record of well: 13-3/8" cem. 330'; 7" cem. 8834'; 4, 1/2" test holes 8818', W.S.O.

Reported total depth 8921 ft. Bridged with cement from xxx ft. to xxx ft. Cleaned out to 8824 ft. for this test. A pressure of xxx lb. was applied to the inside of casing for xxx min. without loss after cleaning out to xxx ft. A Johnston tester was run into the hole on 3-1/2 in. drill pipe, with 1000 ft. of water cushion, and packer set at 8753 ft. with tailpiece to 8771 ft. Tester valve, with 3/8" bean, was opened at 6:00 a.m. and remained open for 1 hr. and xxx min. During this interval there was a medium strong blow for 60 minutes.

THE INSPECTOR ARRIVED AT THE WELL AT 2:30 P.M. AND MR. STANIER REPORTED THE FOLLOWING:

1. An 11" rotary hole was drilled from 330' to 8830' and a 7-5/8" rotary hole was drilled from 8820' to 8921'.
2. Top of the set cement was found at 8565' and drilled out to 8824'.
3. The 7" casing was shot-perforated with 4, 3/8" holes at 8818' for this test.
4. A Johnston tester was run as noted above.

THE INSPECTOR NOTED THE FOLLOWING:

1. When the drill pipe was removed, 200' of water and gassy oil was found in the drill pipe above the tester, equivalent to 1.5 bbl.
2. Water filtered from fluid samples taken from 0' and 60' above bottom of drill pipe tested 48 and 50 grains of salt per gallon respectively.
3. The recording pressure bomb chart showed that the tester valve was open 60 minutes.

The test was completed at 3:30 p.m.

THE WATER SHUT-OFF ABOVE THE PERFORATIONS AT 8818' IS APPROVED.

CC - Company

NNS:ES

R. D. BUSH, State Oil and Gas Supervisor

By E. H. Musser, Deputy

73215 8-47 12,500 SPO

100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
JUL 9 - 1948

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco #69-5 Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Location 4540.51' S & 7644.59' E. from Cor. "J" Elevation of kelly bushing 1204 ground or conc. mat 1193.88 1201 above sea level feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 7-8-48 Signed R. E. FOSS

H. M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 2-22-48 Completed drilling 6-2-48 Drilling tools Rotary

Total depth 9247' Plugged depth ---

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing June 4, 1948 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 405 | 32.4 | 1.6 | 185 | 185 | Vac. |
| Production after 30 days | 250 | 33.1 | 1.0 | 160 | 380 | 1300 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 330' | Surface | 48# | New | Buttweld | H 40 | 17½ | 300 | |
| 7" | 8834' | Surface | 23,26&29# | New | Smls. | N 80 | 11 | 600 | |
| 5½" | 9231.77' | 8784.54 | 17# | New | Smls. | J 55 | 6 | None | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½" | 9230.43 ft. | 8845.57 ft. | 192 - 1/4" Rd. holes/ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

Electrical Log Depths 9247' (Attach Copy of Log)

HMS-JSH

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

JUL 9 - 1948

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho San Francisco #69-5, Sec. 26, T. 4 N., R. 17 W., S.B. B. & M.

Signed R. E. FOSS

Date July 8, 1948 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1948 | |
|---|---|
| | All depths measured from top of Kelly Bushing |
| 2-22 | Spudded in with 11" bit. |
| 2-23 | Depth 386'. Opened hole to 330' with 17½" bit. |
| 2-24 | Cmt'd. 13 3/8" - 48# H40 Republic Electric Weld Casing at 330' with 300 sacks Colton Construction Cement. |
| [illegible] | Drilled ahead with 11" bit. |
| 5-5 | Depth 8681'. 1st Run Schlumberger Electric Log. |
| 5-9 | Depth 8916'. 2nd Run Schlumberger Electric Log. |
| 5-13 | Depth 8921'. Reduced hole to 7 5/8" at 8834'. Cemented 8839.60' of 23, 26 & 29# N80 Smls. Casing @ 8834' with 600 sacks Permanente Modified Cement. |
| 5-17 | Found top of cement at 8567'. |
| 5-18 | Found float collar at 8759'. Shot 4 - 3/8" holes @ 8818'. Ran Sperry Sun Survey. |
| 5-19 | Ran Johnston tester. Packer set at 8753' with tailpiece to 8771'. 1000' of water cushion. Tester open 1 hour thru 3/8" btm. bean. Recovered 1200' of oil, mud & water. Water - 48 G/G. Test witnessed and W.S.O. approved by Sampson of Division of Oil & Gas. |
| 5-20 | Bottom of cement at 8835'. 268' drilled out of casing. Drilled ahead with 6" bit. |
| 5-30 | Depth 9247'. 3rd Run Schlumberger Electric Log. |
| 6 | Hung 447.23' of 5½" - 17# J55 liner w/top of hanger @ 8784.54' and bottom at 9231.77'. Perforated with 192 - 1/4" holes per foot 9230.43' - 8845.57'. |
| 6-2 | Ran 9202.39' of 2½" - 6.5# J55 Production tbg. Hung at 9209.39'. |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

HMS—JSH

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1961
INGLEWOOD, CALIFORNIA

# WELL SUMMARY REPORT

## RECOMPLETION

Field Newhall - Potrero

Well No. "Rancho San Francisco" #69-5, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Location 4540.51' south and 7644.59' east from Corner "J"

Elevation of K.B. above sea level 1193.88 K.B. above Concrete Mat 10.12'

Date January 18, 1961 Signed J. O. McDonald, Agent

Contractor California Production Service
Type Rig Hopper, 300 H.P., 96' mast, MTA - Drawworks
Commenced Recompletion: December 12, 1960 (Date) Completed Recompletion: December 15, 1960 (Date)

### WELL CONDITIONS PRIOR TO WORK

Total Depth 9247' Plugged Depth

13 3/8", 48#, H-40 csg. cmt'd at 330' w/300 sx.
7" 23#, 26#, & 29#, N-80 csg. cmt'd at 8834' w/600 sx.
Shoe test - W.S.O. at 8818'
5 1/2", 17#, J-55 liner hung at 9232' w/top of hanger at 8785'
4 - 3/8" holes at 8818' - Pressure tested.
4 - 1/2" holes/ft. 8846' - 9230'
Slotted - 100 mesh 8810' - 8820'

### WELL CONDITIONS AFTER WORK

Total Depth 9247' Plugged Depth

13 3/8", 48#, H-40 csg. cmt'd at 330' w/300 sx.
7" 23#, 26# & 29#, N-80 csg. cmt'd at 8834' w/600 sx.
Set Baker Model "D" production packer w/flapper at 8520'.
4 - 1/2" jet holes at 8560' - W.S.O.
4 - 1/2" jet holes/ft. from 8590' to 8780' (total 760 holes).
Shoe test - W.S.O. at 8818'.
5 1/2", 17#, J-55 liner hung at 9232' w/top of hanger at 8785'.
4 - 3/8" holes at 8818' - pressure tested.
4 - 1/2" holes/ft. 8846' - 9230'.
Slotted - 100 mesh 8810' - 8820'

Commenced Producing December 15, 1960 (Date) Flowing/~~gas lift/pumping~~

| | | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|---|
| Initial production | 12/15 | 420* | 30.2° | 0.6 | 203 | 840 | 0 |
| Production after 14 days | | 441 | 34.6 | 0.7 | 671 | 1050 | 0 |

Electrical Log Depths (Attach copy of Log)

FORM 103

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1961
INGLEWOOD, CALIFORNIA

## History of Oil or Gas Well

OPERATOR: Sunray Mid-Continent Oil Company FIELD: Newhall - Potrero

Well No. Rancho San Francisco #69-5, Sec. 26, T. 4N, R. 17W, S.B. B. & M.

Date: January 18, 1961 Signed: J. O. McDonald, Agent

Route 1, Box 128, Newhall 805-259-2440 (Address) (Telephone Number) Title: District Engineer (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

1960 All measurements are taken from original Kelly Bushing which is 10.12' above concrete mat.

Killed well with lease crude oil.

12/12 Commenced recompletion operation at 7:30 a.m.

Installed B.O.P., pulled tubing.

12/13 Ran 7" casing scraper and 6" bit to bottom at 8788.91'.

Shot 4 - 1/2" bullet holes at 8560' with Cook combination gun and tester, used B-J 5" gun.

Test #2 - W.S.O. on holes at 8560'.

Ran Cook combination gun and hydraulic tester with straddle packers on 2 7/8", 6.5#, 8 rd., E.U. tbg. Top packer at 8543', bottom packer at 8575' with tail to 8595', 1/2" bottom bean, 1030' water cushion. Opened tool 3:15 p.m. for one hour, weak blow for one minute, increased to medium blow for duration of test, gas to surface 19 minutes. Recovered 360 net rise of 155' of oil and 205' of dry gas. Had 2 Huber recorders between packers. Charts showed tester open throughout test. Top Huber initial hydro 3550#, initial flow 600#, final flow 675#, final hydro 3500#. Bottom Huber initial hydro 3500#, final hydro 3550#, charts below bottom packer showed packer held O.K. Field read pressures.

W.S.O. witnessed and approved by Tudor of Division of Oil and Gas.

12/14 Shot 4 - 1/2" Super Dyna Jet holes per foot at 8660' to 8780' with B-J Service equipment.

Well started flowing, too much pressure for lubricator to seal line. Closed rams, used rig pump to restore oil column in hole.

Installed Bowen Iteco lubricator.

BARNSDALL OIL COMPANY

Form 5-OD

# CORE RECORD

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY BARNSDALL OIL COMPANY proj. WELL (R.S.F.No. 69-5

LOCATION 4540.51' S & 7644.59' E from corner "J" SECT. 26 T. 4N R. 17W ELEV. 1204KB

| DATE | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | | | | | | | | | | | | |
| 5/6 | Reed | 7-5/8 | 8722 | 8740 | 6.0 | 33 | 0.5 | | | | Siltstone: dark dull gray with faint brownish cast, | F |
| #1 | | | | | | | | | | | weakly bedded to massive, hard, brittle, weakly | |
| | | | | | | | | | | | micro-micaceous with occasional carbonaceous frag- | |
| | | | | | | | | | | | ments. | |
| | | | | | | | | | | | Oil stained sandstone: light gray, weakly bedded, | |
| | | | | | | | | | | | fine grained, quite hard, with a good light oil | |
| | | | | | | | | | | | odor on fresh break. Good 42° dip. | |
| | | | | | | | 5.0 | | | | Siltstone: as above, with a little fine grained | |
| | | | | | | | | | | | gray sand in cavings that gives a light yellow cut. | |
| | | | | | | | | | | | Core contains two 1" streaks of oil stained sand- | |
| | | | | | | | | | | | stone as above, giving brown cuts($CCl_4$). | |
| 5/6 | " | " | 8740 | 8755 | 7.5 | 50 | 1.0 | | | | Siltstone: ditto with a few thin sandy laminae. | F |
| #2 | | | | | | | | | 1.5 | | Sandstone: light gray, massive, medium grained, | |
| | | | | | | | | | | | fairly hard, probably impermeable. | |
| | | | | | | | 5.0 | | | | Siltstone: as above. | |
| 5/8 | " | " | 8814 | 8834 | 6 | 30 | 0.5 | | | | Cavings | |
| #3 | | | | | | | 5.5 | | | | Shale: brown to gray, finely bedded, firm, hard to | D |
| | | | | | | | | | | | brittle, interbedded with very fine grained light | |
| | | | | | | | | | | | gray sandstone, micro-micaceous with scattered | |
| | | | | | | | | | | | fish scales and rare forams(?). Several of the | |
| | | | | | | | | | | | sandy streaks are irregularly stained with oil and | |
| | | | | | | | | | | | give a light brown cut. Good average 40° dips with | |
| | | | | | | | | | | | common slickensides on bedding planes. | |
| 5/9 | " | " | 8905 | 8918 | 2.5 | 23 | | | | 1.7 | Yellow-brown, massive, biscuit banded, fairly hard | D |
| #4 | | | | | | | | | | | fine grained rarely difficultly friable, well | |
| | | | | | | | | | | | saturated, dark brown cut. | |
| | | | | | | | | | 0.5 | | Light gray, massive, very hard, fine to coarse | |
| | | | | | | | | | | | grained, impermeable. | |
| | | | | | | | 0.3 | | | | Siltstone: as last above, dark gray, quite mica- | |
| | | | | | | | | | | | ceous. | |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. [illegible]ord dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "[illegible]" in column [illegible]ht if core was fresh or dry when described. Indicate author by initials, f[illegible] i by date [illegible]cribed if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

January 21, 1981

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Your report of abandonment of well "Rancho San Francisco" 155 (Name and number), A.P.I. No. 037-12657, Section 26, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 1/13/81, received 1/13/81, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS ~~114~~ | FORMS 12 |
|---|---|---|---|---|---|
| 253 | | | | | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By [signature]
Deputy Supervisor

John L. Hardoin

OG159 (11-70-GSR1-8M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

RECEIVED
JAN 13 1981
DIVISION OF OIL & GAS
BAKERSFIELD

API No. 037-12657

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: SUN OIL COMPANY (DELAWARE) | Well: RANCHO SAN FRANCISCO #155 |
| Field: NEWHALL-POTRERO | County: LOS ANGELES; Sec. 26; T. 4N; R. 17W; B.&M. SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 1750'S along property line & 9475'E at right angles from Corner "J". | Elevation of ground above sea le: GL. 1415' |

Commenced drilling (date): N/A

Completed drilling (date): N/A

Commenced producing (date): N/A

☐ Flowing ☐ Pumping
☐ Gas lift P/A

Name of producing zone(s): N/A

Total depth: (1st hole) 14,009'; (2nd) 13,890'; (3rd)

Present effective depth: 13,890'

Junk: NONE

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing
Which is ±10 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top T Zone | 10,665' |
| Top 4th Zone | 11,146' |
| Top 5th Zone | 12,124' |
| Top X Zone | 12,447' |
| Top 6th Zone | 12,615' |
| Top 7th Zone | 13,532' |

Formation and age at total depth: MODELLO (UPPER MIOCENE)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | | | | | | |
| Production After 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementi (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13-7/8" | Surface | 614' | 54.5# | J-55, Smls. | New | 17-1/2" | 250SX | ---- |
| 7" | Surface | 14,004' | 26 & 29# | N-80, P110 | New | 9-7/8" | 650SX | |
| 5-1/2" | 13,458' | 13,889' | 18# | N-80, LT&C | New | 6-1/2" | Hung | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
Shop perforated liner w/192 - 1/4" w/1" spacing. 13,625'-13,498', 13,889'-13,685'.

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

Electrical log depths: N/A

Other surveys: N/A

DIVISION OF OIL AND GAS
RECEIVED
JAN 15 1981
SANTA PAULA, CALIFORNIA

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of th present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | |
|---|---|---|
| Name: L. B. CARROLL, JR. | Title: District Engineer | |
| Address: 23928 Lyons Avenue | City: Newhall, California | Zip Code: 91321 |
| Telephone Number: 805/259-2440 | Signature: L B Carroll Jr. | Date: 1/13/81 |

DG100 (12-76-GSRI-12M)

SUBMIT IN DUPLICATE

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
JAN 13 1981
DIVISION OF OIL & GAS
BAKERSFIELD

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County Newhall-Potrero
Well Rancho San Francisco #155, Sec. 27, T4N, R 17W, SB.B. & M
A.P.I. No. 037-12657 Name L. B. CARROLL, JR. (Person submitting report) Title Agent (President, Secretary or Agent)
Date 1/8/81, 19

Signature LB Carroll, Jr. by [illegible]

23928 Lyons Avenue, Newhall, California 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1980 | |
| 10/27 | 10-24/TD 14,009/13-3/8" 54.5# CSG @ 614, CMTD w 250 SX/7" 26# & 29# CSG @ 14,004, CMTD w 650 SX/4-½" WSO HOLES @ 13,487/7" CSG PERFD @ VARIOUS INTERVALS 13,539-13,906/CMT PLUGS 14,009-13,400/MILLED WINDOW IN 7", 13,500'-13,530'/REDRILLED HOLE TO 13,890/RAN & HUNG 5" 18# LNR TO 13,889 w TOP @ 13,453, PERFD w 168 ¼" R.H.P.F. @ 13,498-13,625, 13,685-13,889/MIRU/BLED WELL DN/REMOVD XMAS TREE, INSTLD BOE/MEAS & PU 53 JTS 2-3/8" & 395 JTS 2-7/8" TBG, LANDED @ 13,894.80'/SIFN/ 10-25/CHNGD WELL OVR w FRSH $H_2O$/HALIB MIXD & PMPD 65 $FT^3$ CL "G" CMT w 75% CFR-2, .4% HR-12 ADDED, DISPL w 411 $FT^3$ $H_2O$/PULLED & LD 29 JTS 2-7/8" TBG w 2-3/8" TBG TAIL @ 13,000, REV CIRC CLN/SWI TILL AM 10-27-80/ |
| 10/28 | RIH, TAGGED TOP CMT PLUG @ 13,349/D.O.G. WAIVED WITNESSING, LOCATION & FIRMNESS OF PLUG/CHGD OVR WELL TO 72# MUD/RIG CIRC PMP FAILURE/SWI @ 7 PM 10-27-80/ |
| 10/29 | POH/RU McCULLOUGH WIRELINE, SHOT 4 - ½" HOLES @ 3700/RUN & SET CMT RETAINR @ 3687/RU HALIB, GOT BRK DN 12 $FT^3$ MIN @ 2200# PSI/MIXD & PMPD 50 $FT^3$ CL "G" CMT w 2% $CaCl_2$ IDSPL w 3 $FT^3$ $H_2O$, 90 $FT^3$ MUD @ 15 $FT^3$ MIN @ 1950# PSI/UNSTABBED FRM RETAINR DISPL w 5 $FT^3$ MUD/PU TO 3000', REV CIRC HOLE CLN/SIFN/ |
| 10/30 | TAGGED TOP CMT PLUG @ 3544, WITNESSED & APPROVD BY D.O.G./FILLED HOLE w 72# MUD/PO LAYNG DN TBG/REMOVD BOE/RAN 2-7/8" TBG TO 60', HALIB MIXD & PMPD CL "G" CMT TO SURF/PO LAYD DN 60' TBG/LOADED OUT CIRC PMP, TOOLS & EQUIP/RDMO @ 4 PM/DROP FRM REPORT UNTIL CSG CUT OFF & LOCATION RESTOREMENT IS COMPLETE/ |
| 12/5 | 10-30 thru 12-4/BROKE UP, REMOVD & DISPOSED OF ALL CMT FRM CELLAR, PULLING UNIT PAD, DEADMEN, PU FOUNDATION/CUT OFF CSG HD & CSG 10' BELOW GRND LEVL, WELD PLATE & MARKR ON CSG STUB/BK FILLED & RESTORD LOCATION TO ITS ORIGINAL STATE/ALL WITNESSED & APPROVD BY REP FRM D.O.G., ED HICKEY, 12-4-80/PLUG & ABANDONMENT COMPLETE/ |

DIVISION OF OIL AND GAS
RECEIVED
JAN 15 1981
SANTA PAULA, CALIFORNIA

OG103 (4-77-GSR1-10M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 280-304

# DIVISION OF OIL AND GAS

## Report on Operations

L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Santa Paula, Calif.
Dec. 17, 1980

Your operations at well "Rancho San Francisco" 155, API No. 037-12657, Sec. 26, T. 4N, R. 17W SB, B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 10/27/80. —, representative of the supervisor, was present from — to —. There were also present —

Present condition of well: On 12/4/80, Mr. J. Toopa, Engineer reported to E. Hickey DOG Engineer, 7" plugged with cement 60'-5'.

The operations were performed for the purpose of abandoning the well

DECISION:

THE PLUGGING/CEMENTING OPERATIONS AS REPORTED ARE APPROVED.

b

H. G. MEFFERD
State Oil and Gas Supervisor

By
Deputy Supervisor
John L. Hardoin

OG109 (10-78-GSR1-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
OCT 2 3 1980
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Rancho San Francisco #155, API No. 037-12657, Sec. 26, T. 4N, R. 17W, SB B. & M., Newhall Potrero Field, Los Angeles County, commencing work on October 29, 19 80.

The present condition of the well is:

1. Total depth: 14009'
2. Complete casing record, including plugs and perforations:

- See Attachment I -

3. Last produced 8-31-66 (Date) 1 (Oil, B/D) Ø (Gas, Mcf/D) 8 (Water, B/D)

or

4. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands: _____

The proposed work is as follows:

- See Attachment II -

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall, California 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L. B. Carroll (by MEJM) 10/23/80
L. B. CARROLL, JR. (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED
MAY 17 1962
INGLEWOOD, CALIFORNIA

037-12651

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

Newhall Calif. May 15 62

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. ~~R.S.F.~~ "Rancho San Francisco" #155-7, Sec. 26, T. 4N, R. 17W, S.B. B. & M., Newhall - Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of ..... acres, is as follows: ..... (Attach map or plat to scale)

Previously Submitted

Do mineral and surface leases coincide? Yes X No ..... If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: ~~1743.4~~ 1750.44 feet South (Direction) ~~along section line~~ property and ~~9462.4~~ 9474.70 feet East (Direction)

~~at right angles to said line~~ from ~~the~~ Corner "J" ~~corner~~ of ~~section~~ property

Elevation of ground/above sea level ~~1385.4~~ (top of cellar) 1414.97'. Top of Kelly Bushing above ground 15.85'. feet ..... datum.

(Correction letter 6-13-62 es)

All depth measurements taken from top of K.B. (Derrick Floor, Rotary Table or Kelly Bushing) which is 15'± feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13 3/8" | 54.5# | J55 Smls | Surface | 600' | 600' |
| 7" | 26,29# | N80, P110 | Surface | 14,000' | 14,000' |
| | | | | | |

Intended zone or zones of completion: Seventh (Name) 13,400'-14,000' (Depth, top and bottom)

Estimated total depth 14,035'

| MAP | MAP BOOK | CAPACITY | BOND | ZONES 114 | 121 |
|---|---|---|---|---|---|
| 150 | 5-18-62 | [illegible] | [illegible] | [illegible] | [illegible] |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address Route #1, Box 128, Newhall, Calif. Sunray DX Oil Company (Name of Operator)

Telephone Number 259-2440 By J. O. McDonald

Type of Organization (Corporation, Partnership, Individual, etc.)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

T2975

Santa Paula, California

February 6, 1985

Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco A" 1 (Name and number), A.P.I. No. 037-22735, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated May 26, 1984, received May 31, 1984, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

253 RH 2-7-85

✓ EDP ✓

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor

Murray W. Dosch

OG159 (11-76—GSR1—8M)

**WELL COMPLETION SKETCHES** SUN—5036-4-A

| WELL | FIELD | DATE |
|---|---|---|
| "RSF A" 1 | NEWHALL-POTRERO | 10-30-95 |

[X] PRESENT COMPLETION  [ ] SUGGESTED COMPLETION

**PERMANENT WELL BORE DATA**

CAVITY SHOT 50'

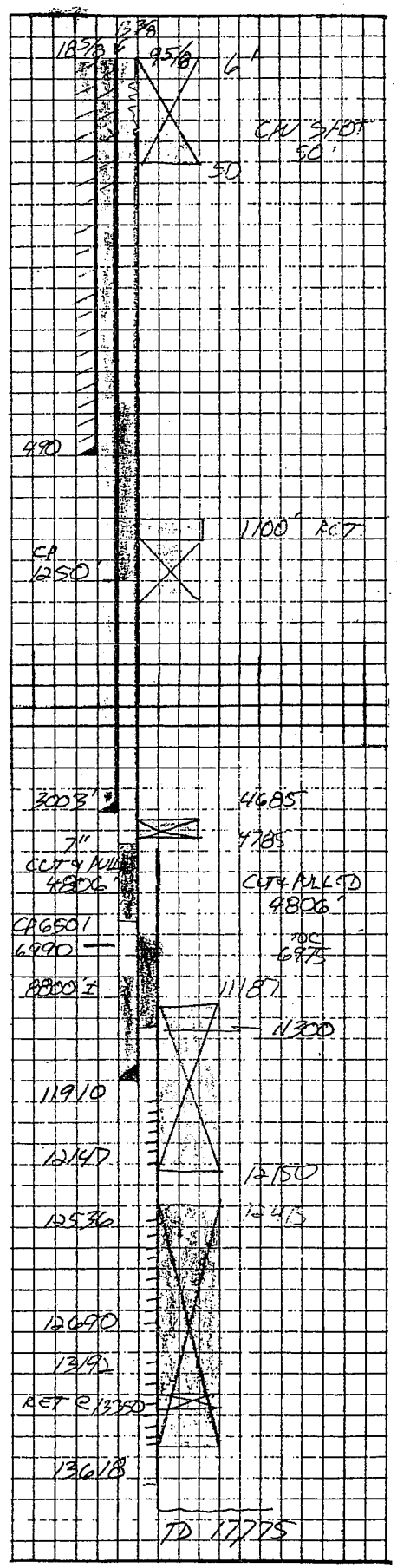
18 5/8" cem 490'

13 3/8" cem 3003', perf 1250'

9 5/8" cp @ 6501'

9 5/8" cem 11610'

7" cem 13618, perf 11854
11910'-12147', 12536'-12690',
& 13192'-13500'




**DATA ON THIS COMPLETION**

TOP OF 3RD ZONE 6990

OPERATOR Sun Ex & Prod
WELL NO. "RSF-A" 1
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | DRILL | SUPP TO DRILL | supp drill | supp drill | supp drill | AB |
| NOTICE DATED | 1/31/83 | 5/31/83 | 7-29-83 | 1-4-84 | 2-5-84 | 5-26 |
| P-REPORT NUMBER | 283-21 | 283-130 | 284-200 | 284-9 | 284-46 | 284- |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'd | NEED | REC'D | NEED | REC'D | NEED | REC' |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 2/2/83 | | 5/31/83 | | | | 1-9-84 | | | | 5-31-8 |
| HISTORY | 1-29-84 | | 1-29-84 | | 1-29-84 | | 7-12-84 | | 7-12-84 | | 7-12-8 |
| SUMMARY | 1-29-84 | | 1-29-84 | | 1-29-84 | | 7-12-84 | | 7-12-84 | | 7-17-8 |
| E-LOG | 1-20-84 | | 5-16-84 | | [illegible] | | | | | | |
| MUD LOG | 8-24-84 | | | | | | | | | | |
| DIPMETER | 8-24-84 | | | | | | | | | | |
| DIRECTIONAL | 8-24-84 | | | | | | | | | | |
| CORE/SWS | 8-24-84 | | | | | | | | | | |
| CBL | 6-24-83 | | 8-4-83 | | | | | | | | |
| CN-CDL | 5-16-84 | | | | | | | | | | |
| CDL/VDL/Index | 1-20-84 | | | | | | | | | | |
| Neutron | 1-20-84 | | | | | | | | | | |
| Thermal Decay | 1-20-84 | | | | | | | | | | |
| Dual Laterlog-GR | 1-20-84 | | | | | | | | | | |
| BHC | 5-16-84 | | | | | | | | | | |
| Caliper log | 5-16-84 | | | | | | | | | | |
| Sonic Waveform | 5-16-84 | | | | | | | | | | |
| GR Spectrometry | 5-16-84 | | | | | | | | | | |
| Variable Density | 5-16-84 | | | | | | | | | | |
| RECORDS COMPLETE | 10-3-84 | RH | | | | | | | 10-3-84 RH | | 10-3-84 |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | ✓ |
| OPERATOR'S NAME | ✓ | | | | | ✓ |
| WELL NO. | ✓ | | | | | ✓ |
| LOC & ELEV | ✓ | | | | | ✓ |
| SIGNATURE | ✓ | | | | | ✓ |
| SURFACE INSP. | | | | | | ~~OK~~ |
| FINAL LETTER OK | | | | | | OK |

OK to Release from confidential status on 12/31/85 MD

REMARKS: Dry Hole

FINAL LETTER MAILED

RELEASED BOND

Form OG100 (7/79)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-22735

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: SUN EXPLORATION AND PRODUCTION COMPANY | Well: RANCHO SAN FRANCISCO A #1 |
| Field: NEWHALL-POTRERO | County: LOS ANGELES; Sec. 27; T. 4N; R. 17W; B.&M. S.B. |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 3027.82 S., & 3134.52 E., FROM CORNER 'J' | Elevation of ground above sea level: 1178' |

Commenced ~~drilling~~ (date) P&A: 6/7/84

Completed ~~XXXXX~~ (date) P&A: 6/14/84

Commenced producing (date): P&A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): N/A

Total depth: (1st hole) 1775' (2nd) (3rd)

Present effective depth: S/B 12421'

Junk:

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is 35' feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| SEE ATTACHED | |

Formation and age at total depth: MIOCENE (MIODELO FM)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | N/A | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 18 5/8" | SURF. | 490' | 87.5# | K-55, BUTT., | NEW | 24" | 859 CU. FT. | |
| 13 3/8" | SURF. | 3003' | 61# | K-55, BUTT., | NEW | 17 ½" | 3007 CU. FT. | |
| 9 5/8" | SURF | 11591' | 53.5# 47# | N-80, S95 BT&C | NEW | 12 ¼" | 3081 CU. FT. | |
| 7" | 11300' | 13618' | 35# | P-110, LT&C | NEW | 8 ½" | 1661 CU. FT. | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
4-SPF - @ 13500 - 13372' PLUGGED, 4-SPF- @ 13270' - 13192' PLUGGED
4-SPF - @ 12690 - 12536' 4 SPF - A 12147' - 11190'

Was the well directionally drilled? If yes, show coordinates at total depth
☒ Yes ☐ No @ 17265' - 1038.51 NORTH & 1497.17 EAST

Electrical log depths #1 LOG-LDT-CNL-GR-13440-11591' ; MSFL-DIL-SONIC&LDT-CNL-GR 11591' - 13453'; DIPM 13438' - 11585' ; DIPMETER & DIL -GR-TEN 14482' - 13000' , DIL-MIL-GR-16075' - 11200'

Other surveys: NONE

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | |
|---|---|
| Name: STANLEY W. BLOSSOM | Title: DISTRICT ENGINEER |
| Address: BOX 55060 | City: VALNECIA, CA; Zip Code: 91355 |
| Telephone Number: (805) 257-6200 | Signature: Stanley W Blossom; Date: 7-11-84 |

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 284-101

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Explor. and Prod. Co.
P.O. Box 55060
Valencia, CA 91355

Santa Paula Calif.
June 18, 1984

Your operations at well "Rancho San Francisco A" 1, API No. 037-22735, Sec. 27, T. 4N, R. 17W S.B.B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on June 14, 1984. Mike Kratovil, representative of the supervisor, was present from 0930 to 0945. There were also present Ben Howe, Well Tech, Virgil Sanvage, Sun Oil

Present condition of well: 18 5/8" cem. 492', cavity shot @ 50'; 13 3/8" cem. 3003', perf 1250; 9 5/8" cem. 11610 c.p. 6501'; 7" cem. 13618', perf 11854, 11910 -12147, 12534 12690, 13192 - 13270, 13372 - 13500 retainer @, 13350 cut and pulled from 4806; T.D. 17775. E.D. 13824. Plugged with cement 13350' - 13192', 12690' - 12415', 12150'- 11187' 4785' - 4685', plugged with 80cf through holes @ 1250'. Plugged with cement 50' - 6'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

7-5-84 SURFACE INSPECTION OK

M. G. Mefferd

Murray W. Dosch

Murray W. Dosch

OG109 (9/83/GSR1/15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

MAY - 19
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO "A" #1, API No. 037-22735, Sec. 27, T. 4N, R. 17W, S.B.B. & M., NEWHALL-POTRERO Field, LOS ANGELES County. commencing work on JUNE 4, 19 84.

The present condition of the well is: PRODUCING

1. Total depth: PBTD 13514'
2. Complete casing record, including plugs and perforations:

SEE ATTACHMENT 'A'

3. Last produced 4/84 (Date) 10 (Oil, B/D) Ø (Gas, Mcf/D) 69 (Water, B/D)

or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands:

The proposed work is as follows:

SEE ATTACHMENT 'B'

Dave Nordquist / DIS 6-1-84
- will place stub plug (100') above free point. DOG to witness

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P O BOX 55060 (Street)
VALENCIA, CALIFORNIA 91355-05600 (City) (State) (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION AND PRODUCTION CO. (Name of Operator)
By Stanley W Bosson 5-26-84 (Name) (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

ATTACHMENT 'A'

**WELL COMPLETION SKETCHES** SUN–5036-4-A

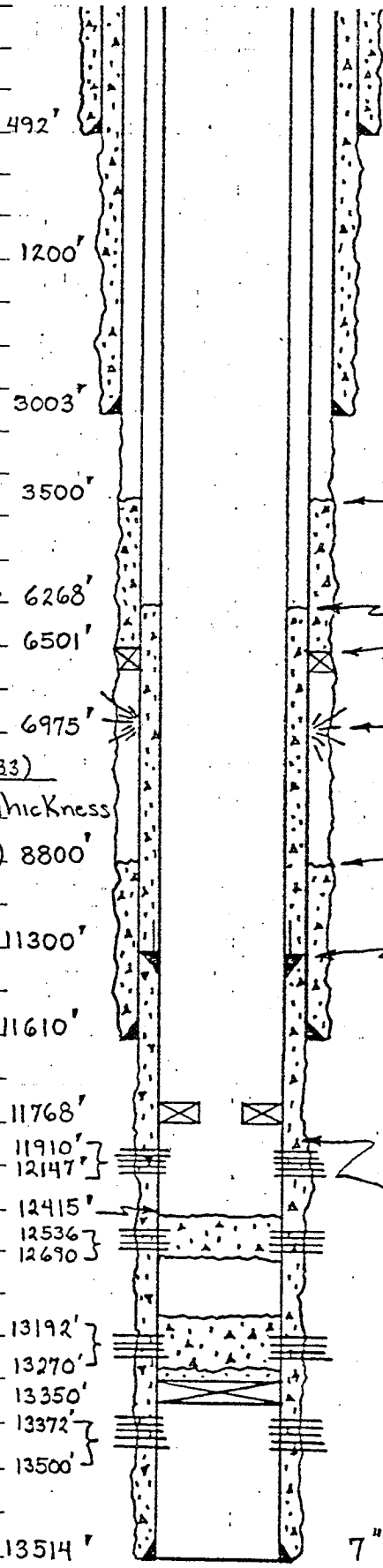
| WELL | FIELD | DATE |
|---|---|---|
| RSF "A" # 1 | NEWHALL – POTRERO | 5/16/84 |

☒ PRESENT COMPLETION ☐ SUGGESTED COMPLETION

DIVISION OF OIL AND GAS
MAY 1984
SANTA PAULA, CALIFORNIA

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION



492' — 18 5/8" 87# K55 STC — Circ. 100 CF cmt to su

Base of fresh wtr @ 1200'

— Circ. 700 CF cmt to su

3003' — 13 3/8" 61# K55 STC

3500' — TOC (based on CBL) 9 5/ 2nd St

6268' — TOC (calculated) 7" tieba

6501' — 9 5/8" DV tool @ 6501'

6975' — Hole in 9 5/8" (Squeezed w 800 S

9 5/8" Casing Inspection Log (10/8/83)

- Bad areas of reduced wall thickness

| | | | |
|---|---|---|---|
| 47# | 2950 – 3000' | 4/32" (26% remaining) | 8800' |
| 53.5# | 9200 – 9300' | 5/32" (29%) | |
| " | 9300 – 9350' | 2/32" (11%) | 11300' |
| " | 9350 – 9400' | 1/32" (6%) | |
| " | 9400 – 9450' | 2/32" (11%) | 11610' |
| " | 9900 – 10000' | 4/32" (23%) | |
| " | 10000 – 10100' | 5/32" (29%) | 11768' |

8800' — TOC (based on CBL) 9 5/ 1st St

11300' — Top of 7" liner (tied bac

11610' — 9 5/8" 53.5# & 47# N80 LTC

11768' — Otis Perma-Drill Packer

11910' – 12147' — Open Perforations (11910 – 1214

12415' — Squeezed WSO holes @ 1185

12536 – 12690 — Cemented Perforations (12536 – 126

13192' – 13270' — Cemented Perforations (13192 – 132

13350' — Cement Retainer @ 13350'

13372' – 13500' — Perforations (13372 – 13500')

13514' — 7" 35# P110 LTC

DSM
5/16/84

Form OG105 (8/80)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS
## Notice of Intention to Drill New Well

SANTA PAULA, CALIFORNIA

| C.E.Q.A. INFORMATION | | | |
|---|---|---|---|
| EXEMPT ☐ CLASS____ | NEG. DEC. ☐ S.C.H. NO.____ | E.I.R. ☐ S.C.H. NO.____ | DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION ☒ |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | | | |
|---|---|---|---|---|---|
| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
| 253 | 2-12-83 RSH | ✓ | BB | ✓ | ✓ |

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well "RANCHO SAN FRANCISCO A" #1, API No. 037-22735 (Assigned by Division),

Sec. 27, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

Legal description of mineral-right lease, consisting of 1370 acres, is as follows: (Attach map or plat to scale)

SEE ATTACHED TRACT 1 & TRACT 2

Do mineral and surface leases coincide? Yes X No____. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 3027.82 feet SOUTH (Direction) along section/property line and 3134.52 feet EAST (Direction) (Cross out one)

at right angles to said line from the CORNER 'J' (Sec 21) corner of section/property ____ or (Cross out one)

Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: 1650 feet NORTH (Direction) and 1225' feet EAST (Direction)

Elevation of ground above sea level 1178' feet.

All depth measurements taken from top of ~~12~~ 13 35 KELLY BUSHING (Derrick Floor, Rotary Table, or Kelly Bushing) that is 35' feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES API | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS | CALCULATED FILL BEHIND CASING (Linear Feet) |
|---|---|---|---|---|---|---|
| PLEASE | SEE ATTACHED CASING PROGRAM. | | | | | |
| | | | | | | |
| | | | | | | |

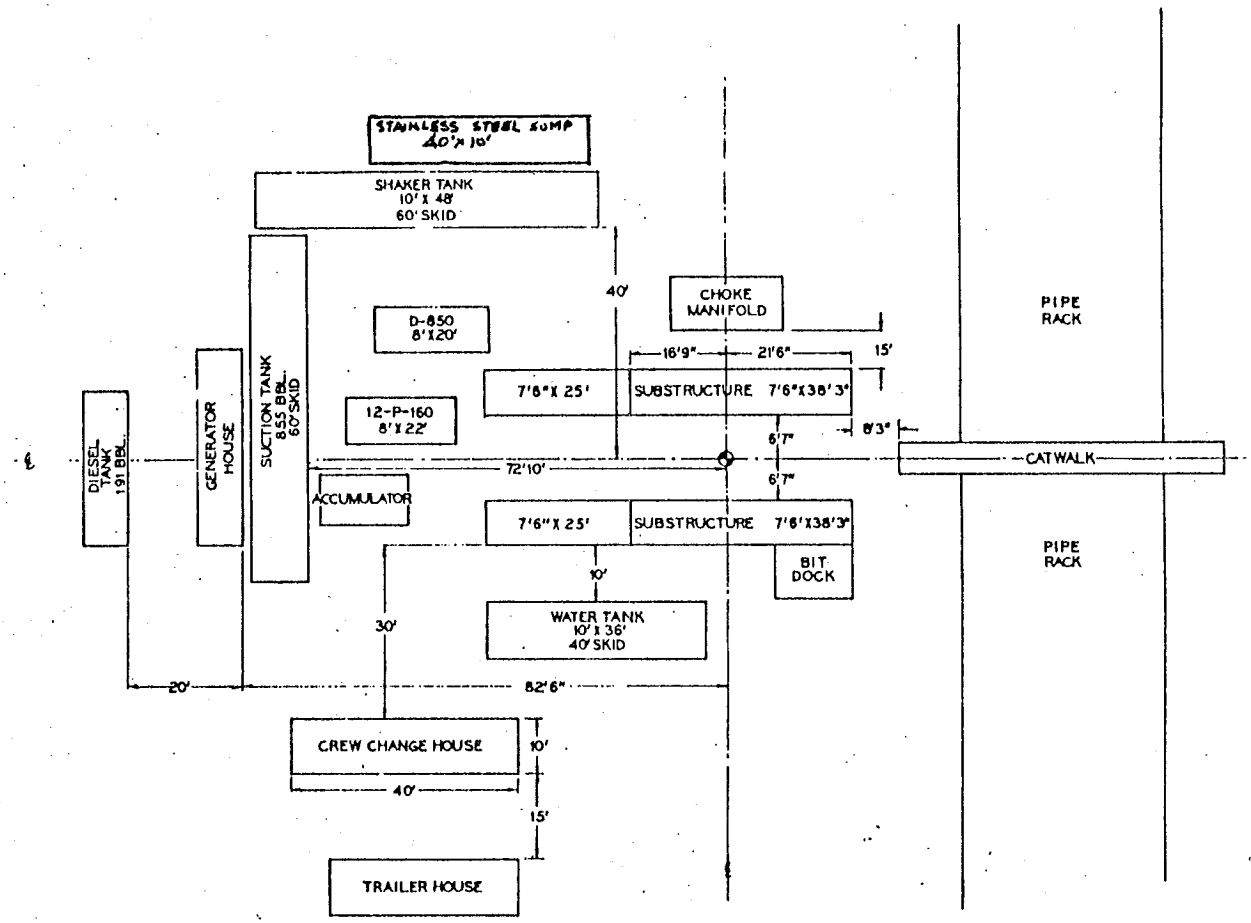
(A complete drilling program is preferred and may be submitted in lieu of the above program.)

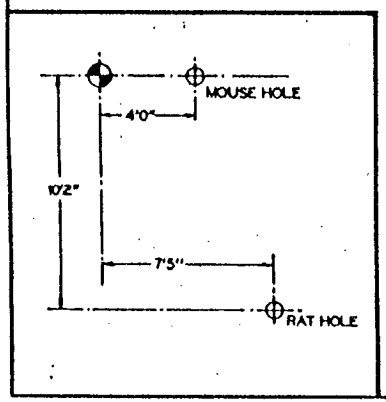
Intended zone(s) of completion EOCENE, ± 16,500', ±9000 PSI (Name, depth, and expected pressure) Estimated total depth 18,000' TVD

**It is understood that if changes in this plan become necessary we are to notify you immediately.**

| Name of Operator | Type of Organization (Corporation, Partnership, Individual, etc.) | |
|---|---|---|
| SUN EXPLORATION AND PRODUCTION COMPANY | CORPORATION | |
| **Address** | **City** | **Zip Code** |
| P O BOX 55060 | VALENCIA, CA | 91355-0560 |
| **Telephone Number** / **Name of Person Filing Notice** | **Signature** | **Date** |
| 805/257-6200 / L. B. CARROLL, JR. | L B Carroll Jr. | 1/31/83 |

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.




LOCATION SIZE: 400'X450'

TOTAL RIG SIZE: N40', S160', E175', W100'.

THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN IS A CONFIDENTIAL DISCLOSURE IT IS SHOWN TO YOUR COMPANY WITH THE UNDERSTANDING IT IS NOT TO BE REVEALED TO OTHERS OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF LOFFLAND BROTHERS COMPANY

APPROX. SCALE: 1"=50'

| REV. | DESCRIPTION | DATE | BY |
|---|---|---|---|

**LOFFLAND**

P.O. BOX 2847 TULSA, OKLAHOMA 74101

| TITLE | DATE 9-82 | SCALE NONE |
|---|---|---|
| LOCATION PLAN | DRN. BY GWG | RIG 328 |
| | DIV. 11 | DRWG. LP-328 | REV. 0 |

FORM 105. 70717 4-39 10M.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL & GAS
RECEIVED
JUL 24 1942
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

8

037-12640

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. July 23 1942

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No Rancho San Francisco #21, Sec. 27, T. 4 N, R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3231.98' feet ~~N.~~ or S., and 5000.69 feet E. or ~~W.~~ from Corner "J" the most northerly point on the north line of Barnsdall's R.S.F.lse.
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the Kelly bushing / derrick floor / ~~ground~~ / cement mat above sea level is 1234.34 / 1231.34 / 1225.34 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7275 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.5# | Smls.Slip Jt. | 300 | Cmtd. |
| 7" | 24 & 26# | " H-40 J-55 | 7275 | " |
| 5½" | 17# | " N-80 | 7500 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Petroleum Building

Barnsdall Oil Company
(Name of Operator)

Telephone number Richmond 5171

By J. C. Gilbert
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Book
7-24-42
SKR.

| | | | | |
|---|---|---|---|---|
| 18 | | | | |
| SKR | | | | |

Change of designation May 18, 1977 to "Rancho San Francisco" 2 /

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-37730

Los Angeles, Calif. July 28, 1942

MR. James O. Gilbert,

Los Angeles, Calif.

Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Your proposal to drill Well No. "RANCHO SAN FRANCISCO" 21

Section 27, T. 4N, R. 17W. S. B. B. & M., Newhall-Potrero Field, Los Angeles County,

dated July 23, 1942, received July 24, 1942, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:
"The well is 3231.98' feet S., and 5000.69 feet E. from Corner 'J' the most northerly point on the north line of Barnsdall's R. S. F. lse.

Kelly bushing 1234.34

The elevation of the derrick floor above sea level is 1231.34 feet.

cement mat 1225.34

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7275 feet."

PROPOSAL:
"We propose to use the following strings of casing, either cementing or landing them as herei indicated:

| Size of Casing | Weight | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | Smls. | Slip Jt. H-40 | 300 | Cmtd. |
| 7" | 24 & 26# | " | J-55 | 7275 | " |
| 5-1/2" | 17# | " | N-80 | 7500 | Hung |

Well is to be drilled with rotary tools.
It is understood that if change in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:
THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be provided and ready for use at all times.
3. Any hole to be sidetracked in any oil zone shall be filled with cement, if possible.
4. The formations to be left back of the 7" casing shall be mudded in a manner consistent with good drilling practice.
5. This division shall be notified to examine cores and/or electrical log before running the 7" casing.
6. The column of mud fluid back of the 7" casing shall be maintained to the surface for at least 30 days after cementing this casing.
7. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To witness a test of the effectiveness of the 7" shut-off.
   (b) To inspect the blowout prevention equipment installation before drilling below 1500'.

cc- Company

R. D. BUSH
State Oil and Gas Supervisor

By F. H. Musser Deputy

Blanket bond

CLB:G

FORM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off
(FORMATION TESTER)

No. T 1-41342

Los Angeles, Calif. November 30, 1942

Mr. James C. Gilbert,
Los Angeles, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Your well No. "RANCHO SAN FRANCISCO" 21, Sec. 27, T. 4N., R. 17W., S. B. B. & M. Newhall-Potrero Field, in Los Angeles County, was tested for water shut-off on November 26, 1942. Mr. D. H. Sheldon, Engineer, / R. E. Havenstrite, Operator, designated by the supervisor, was present as prescribed in Sec. 3222 and 3223, Ch. 93, Stat. 1939; there were also present J. R. McMillan, Engineer, A. G. Chancey, Foreman.

Shut-off data: 7 in. 24, 26, 28 lb. casing was cemented at 7255 ft. on November 21, 1942 in 11" hole with 600 sacks of cement of which 12 sacks was left in casing.

Casing record of well: 13-3/8" cem. 296'; 7" cem. 7255' W. S. O.

Reported total depth 7550 ft. Bridged with cement from 7275 ft. to 7260 ft. Cleaned out to 7260 ft. for this test. A pressure of -- lb. was applied to the inside of casing for -- min. without loss after cleaning out to -- ft. A Johnston tester was run into the hole on 3-1/2 in. drill pipe, with -- ft. of water cushion, and packer set at 7242 ft. with tailpiece to 7256 ft. Tester valve, with variable bean, was opened at 6:10 a. m. and remained open for 1 hr. and 5 min. During this interval there was a good blow of air for 4 minutes (1/8" bean); a slight blow for 1 minute (3/16" bean); and no blow for the balance of the test (1/2" bean).

MR. D. H. SHELDON, ENGINEER FOR R. E. HAVENSTRITE, OPERATOR, ARRIVED AT THE WELL AT 8:30 A. M., AND MR. McMILLAN REPORTED THE FOLLOWING:

1. An 11" rotary hole was drilled from 296' to 7550'.
2. Mud fluid was circulated 4 hr. before cementing the casing.
3. Electrical core readings showed the following:
   (a) Stringer of oil sand 7273'-7293'.
   (b) Main 3d zone 7320'-7512'.

MR. SHELDON NOTED THE FOLLOWING:

1. When the drill pipe was removed 92' of heavy drilling mud was found in the drill pipe above the tester, equivalent to 0.7 bbl.
2. The fluid sample taken from the bottom of the drill pipe tasted fresh.
3. The recording pressure bomb chart showed that the tester valve was open 1 hr. and 5 minutes.

The test was completed at 11:00 a. m.
THE SHUT-OFF IS APPROVED.

NOTE: This work was not witnessed by a member of this division for the reason that no Inspector was available, but was witnessed as noted above and the above information was furnished by Mr. D. H. Sheldon, Engineer for R. E. Havenstrite, Operator.

cc- Company
ERMA:G

R
W

R. D. BUSH, State Oil and Gas Supervisor

By E. H. Meesser, Deputy

3120 7-41 12,500
STATE PRINTING OFFICE

FORM 100. 15505 7-42 20M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL T LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho-San Francisco #21 Sec. 27, T. 4 N, R. 17 W SB B. & M.

Location 3231.98'S. & 5000.69'E. from Corner J. Elevation of derrick floor ~~ground~~ above sea level 1231.34 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date January 8, 1943 Signed D. C. Gilbert

R. E. Foss (Engineer or Geologist) T. J. Prehoda (Superintendent) Title AGENT (President, Secretary or Agent)

Commenced drilling 8-9-42 Completed drilling 11-28-42 Drilling tools ~~Cable~~ Rotary

Total depth 7550 Plugged depth

Junk

GEOLOGICAL MARKERS DEPTH

Reference to file of data

Name Formed

Commenced producing 11-28-42 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 354 | 32.0 | 6.1 | 151 | 360 | 125 |
| Production after 30 days | 300 | 34.3 | 0.1 | 191 | 625 | 1990 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8 | 296 | Surface | 54.5 | New | Smls. | Slip Jt. | 17½ | 225 | |
| 7 | 7255 WSO | " | 28,26,24 | " | " | J-55 | 11 | 600 | |
| 5½ | 7548 | 7230 | 17 | " | " | N-80 | 11 | - | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 7320 ft. | 7512 ft. | 100 MX2" | 12 | 6 | Pacific Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 7550 (Attach Copy of Log)

FORM 103. 3834 8-41 27,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho-San Francisco 21, Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Signed J. C. Gilbert

Date December 21, 1942 Title AGENT

(To be signed by President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. **Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production.** Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

Date

1942

8-9 Spudded in drilling 17½" hole.

8-12 Depth 310'. Cemented 13 3/8" casing at 296' with 225 sx. of Victor Construction cement.

8-13 to 10-1 - Well idle.

10-2 Resumed drilling with 11" bits.

11-21 Depth 7550'. Cemented 7" 28,26 and 24# casing at 7255', with 600 sx. of Colton Oil Well cement. Laid 20' plug below shoe.

11-25 Found top of cement at 7177'. Found shoe at 7255'. Drilled out to 7260'.

11-26 Set Johnston Formation Tester at 7242' with tail piece to 7256'. Open one hour and five minutes. Recovered 92' of mud. W.S.O. test witnessed by Dean Sheldon of Havenstrite Oil Co.
Drilled out cement 7260 to 7282, and cleaned out to 7550'.

11-27 Hung 5½" 17# liner at 7548' with the top at 7230'.
Hung 2½" tubing at 7502'.

11-28 Changed fluid in hole from mud to water, and water to oil.

Circulated oil and well started flowing at 11 P.M.

| | Net | % Cut | Gravity | Bean | T.P. | C.P. | M.C.F. |
|---|---|---|---|---|---|---|---|
| 11-29 | 354 | 6.1 | 32.0 | 30/64 | 360 | 125 | 151 |
| 30 | 1125 | 1.3 | 33.6 | " | 410 | 335 | 586 |
| 12- 1 | 1041 | | | " | 440 | 625 | 665 |
| 2 | 555 | | | 10/64 | 510 | 1050 | 380 |
| 3 | 224 | 0.1 | 34.3 | 15/64 | 510 | 1200 | 163 |
| 4 | 295 | " | " | " | 525 | 1300 | 214 |
| 5 | 311 | " | " | " | 525 | 1175 | 250 |
| 6 | 323 | " | " | " | 530 | 1185 | 201 |
| 7 | 315 | " | " | " | 525 | 775 | 187 |
| 8 | 39 | " | " | " | 850 | 1375 | 24 |

DIVISION OF OIL & GAS
RECEIVED
NOV 28 1942
LOS ANGELES, CALIFORNIA

November 27, 1942

Mr. E. H. Musser
629 South Hill Street
Los Angeles, California

Dear Sir:

Barnsdall Oil Company's Rancho San Francisco No. 21, Section 27, T4N, R17W, S.B.B. & M., Newhall Potrero Field in Los Angeles County, was tested for water shut-off on November 26, 1942. I was present at the test along with J. R. McMillan, Barnsdall engineer and A. G. Chancey, drilling foreman.

Shut-off data: 7 in. 24, 26 & 28 lb. casing was cemented at 7255' on November 21, 1942 in 11" hole with 600 sacks of cement of which 12 sacks were left in the casing.
Casing record of well: 13-3/8" cemented 296'; 7" cemented 7255' WSO. Reported total depth 7550'. Bridged with cement from 7275' to 7260'. Cleaned out to 7260' for this test. No casing test was made. A Johnston tester was run into the hole on 3½" drill pipe with no water cushion, and packer set at 7242' with tail piece to 7256'. Tester valve, with ½" bean, was opened at 6:10 a.m. and remained open for 1 hour and 5 minutes. During this interval there was a good blow of air for 4 minutes under a 1/8" bean, and a slight blow for 1 minute under a 3/16" bean and dead for the balance of the test (for 60 minutes) under a ½" bean.

I ARRIVED AT THE WELL AT 8:30 A.M., AND MR. MC MILLAN REPORTED:
1. An 11" rotary hole was drilled from 296-7550'.
2. Mud fluid was circulated for 4 hours before cementing the casing.
3. Electrical core readings showed a stringer of oil sand from 7273-7293 and the main 3rd oil sand from 7320-7512'.
4. The fluid between the drill pipe and the 7" casing remained stationary during the time that the valve was open.

I NOTED:
1. When the drill pipe was removed 92' of heavy drilling mud was found in the drill pipe above the tester equivalent to 0.7 → 1.14 bbls.
2. The fluid sample taken from the bottom of the drill pipe tested fresh.
3. The recording pressure bomb chart showed that the tester valve was open 1 hour and 5 minutes. The test was completed at 11 a.m.

In my opinion the 7" shut off is effective.

Sam H. Sheldon Pet. Engineer
Outside Witness
R. E. Havenstrite, Operator

cc: J. R. McMillan

FORM 1 AC

25 19

# LANE Electrolog W

COMPANY

Location of Well

3232' S. } Cor. "J"
5001' E. } 8

Elevation 1231 34 D.F.

MEDALLION CALIFORNIA PROPERTIES CO.

C

WELL: R. S. F. NO. 21

RUN NO.: 1 & 2 FILING NO.:

FIELD: NEWHALL- POTRERO

SURVEY: 037-12640

COUNTY OR PARISH: LOS ANGELES

STATE: CALIFORNIA

Sec. 27-4N-17W NEWHALL-POTRERO

"Rancho San Francisco" 21-3

[redacted]

## DIAMETER OF HOLE

Run No. 1 11 in. from 296 ft. to 7429 ft. in. from ft. to ft.
Run No. 2 11 " " 7429 " " 7550 " " " " " "
Run No. 3 " " " " " " " " " "
Run No. 4 " " " " " " " " " "

| RUN | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Date | 11-18-42 | 11-20-42 | | |
| Csg. Shoe—Driller | 296 | 296 | | |
| Csg. Shoe—Elect. | 290 | | | |
| Total Depth—Driller | 7429 | 7550 | | |
| Total Depth—Elect. | 7429 | 7550 | | |
| Footage Recorded | 7139 | 121 | | |
| Mud—Kind | Hi-Ko | Nat.- Treated | | |
| " Weight | 77 | 77 | | |
| " Visc. | 30 | 32 | | |
| " Res. | 4.7 @ 73 | 5.0 @ 75 | @ | @ |
| Recorded by | Gardner | Miner | | |
| Depth of Penetration | | | | |
| Curve No. 3 | 9' | 9' | | |
| Curve No. 4 | 16' | 16' | | |

Depths measured from Kelly Bushings

## REMARKS

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T296-261

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIF. PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
December 30, 1996

Your operations at well "Rancho San Francisco" 23, API No. 037-12642, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 11-5-96. Paul Cronmiller, representative of the supervisor, was present from 1200 to 1300. There were also present Von Fortenberry, Contract Supervisor

Present condition of well: 13 3/8" cem 297'; 7" cem 7185' WSO, WSO perf @ 6985', perf 6983'-7023'. TD 7922'. ED 7033'. Plugged w/ cem 7031'-6695'.

The operations were performed for the purpose of witnessing the location and hardness of a cement plug placed below 6695'.

DECISION:

The location and hardness of the cement plug @ 6695' are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY MEDALLION CAL PROP WELL NO. "RANCHO SAN FRANSISCO" α

API NO. 037-12642 SEC. 27, T. 4N, R. 17W, SB B.&M.

COUNTY LOS ANGELES FIELD NEWHALL-POTRERO

RBDMS DATA ENTERED: 1-16-97
(DATE)

BY: Pat Cromlin
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

OPERATOR [illegible] OIL Co
LSE & NO Lo San Fran 22-1D
MAP 250

| | (1) | (2) | (3) | (4) | (5) | ( ) |
|---|---|---|---|---|---|---|
| NTENTION | DRILL | DEEPEN | PLUG | ALTR CSG | ALTR STATUS | ~~Abandon~~ I d/e |
| NOTICE DATED | 5-31-41 | 10-30-52 | 12-4-52 | 8-6-56 | 3-4-75 | 9-17-96 |
| P-REPORT NUMBER | 1-36451 | 152-1372 | 152-1529 | 156-1161 | 275-82 | P296-217 |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | N/C | N/C | N/C | N/C | 2-1-97 |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 6-5-41 | | 11-3-52 | | 12-10-52 | | 8-8-56 | | 3-5-75 | | 9-24-96 | |
| HISTORY | 9-3-41 | | → | | 12-16-52 | | 11-26-57 | | 9-2-76 | | 1-6-97 | |
| SUMMARY | 9-3-41 | | → | | 12-16-52 | | 11-26-57 | | | | | |
| IES/ELECTRIC LOG | 9-3-41 | | | | | | | | | | | |
| IRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | T Report 12-30-96 | |
| RECORDS COMPLETE | ✓ | | | | ✓ | | ✓ | | ✓ | | PC | |

ENGINEERING CHECK

T-REPORTS
OPERATOR'S NAME
WELL DESIGNATION
LOC & ELEV
SIGNATURE
SURFACE INSPECTION
FINAL LETTER OK

CLERICAL CHECK

POSTED TO 121
170 MAILED
FINAL LETTER MAILED
RELEASED BOND

REMARKS: Abandonment suspended and plug tagged. Will evaluate well for recompletion.

PC 1-29-97

.VISION OF OIL, GAS, AND GEOTHERMAL RESOURC

on T26[

# CEMENTING/PLUGGING MEMO

Operator MEDALLION CALIFORNIA PROPERTIES Well No. "RANCHO SAN FRANSISCO" 2
API No. 037-12642 Sec. 27, T. 4N, R. 17W, SB B&M
Field NEWHALL-POTRERO, County LOS ANGELES. On NOVEMBER 5, 1996
Mr. / Ms. PAUL CRONMILLER, representative of the supervisor, was present from 1200 to 1300.
There were also present MR VON FORTENBERRY, CONTRACT SUPERVISOR
Casing record of well: 13 3/8" CEM 297'; 7" CEM 7185' WSO, WSO PERF @ 6985', PERF 6983'-7023', TD 7922 ED 7033'. PLUGGED W/CEM 7031-6695'.
The operations were performed for the purpose of D)(1) 6695'

☐ The plugging/cementing operations as witnessed and reported are approved.
☒ The location and hardness of the cement plug @ 6695' are approved.

Hole size: ____" fr. ____' to ____'; ____" to ____' & ____" to ____'

| Casing | | | | Cemented | | | Top of Fill | | Squeezed Away | Final Press. | Perfs. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | Wt. | Top | Bottom | Date | MO-Depth | Volume | Annulus | Casing | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Casing/tubing recovered: ____" shot/cut at ____'; ____'; ____' pulled fr. ____';
____" shot/cut at ____'; ____'; ____' pulled fr. ____'.

Junk (in hole): ____

Hole fluid (bailed to) at ____'. Witnessed by ____

* MUDDING AND ABANDONMENT SUSPENDED TO EVALUATE

| Mudding | Date | bbls. | Displaced | Poured | Fill | Engr. |
|---|---|---|---|---|---|---|
| | 11-5-96 | * WELL FOR PRODUCTION AGAIN 180 B/O | | | | |
| | | WAS RECOVERED WHILE DISPLACING | | | | |
| | | | | | | |

| Cement Plugs | | Placing | Placing Witnessed | | Top Witnessed | | | |
|---|---|---|---|---|---|---|---|---|
| Date | Sx./cf | MO & Depth | Time | Engr. | Depth | Wt/Sample | Date & Time | Engr. |
| | 73 cf | ctg 7031 | — | RPEd | 6695' | 4K ctg wt | 11-5-96 1200-1300 | PC |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

OGD10 (11/93/GSR1/5M) c/o TO 7031'

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles
Well "Rancho San Francisco" 23 Sec. 27, T 4N, R 17W, S. B. B. & M.
A.P.I. No. 037-12642 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)
Date December 23, 1996

Signature Claude D. Fiddler

1100 Mohawk Street, Suite 154, Bakersfield, CA 93309 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1996 | |
| 11/4 | MIRU coil tubing unit. Installed Class II BOPE. RIH w/CT and tagged down at 7,031 ft. Laid Class "G" cement plug 7,031 ft to 6,683 ft (73 $ft^3$). Pulled coil tubing to 1,000 ft. SIWFN. |
| 11/5 | RIH and found cement plug at 6,695 ft (tag witnessed ~~waived~~ by DOGGR). Circulated oil and water out of well. POOH w/CT. RD BOPE. RU production tree. PC 1-10-97 WITNESSED PLUG TAG<br>Decision made not to continue abandonment operations. |

RECEIVED
JAN 6 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

500
1-2-3
05 (06)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | | ✓ | ✓ |

## DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "RANCHO SAN FRANCISCO" #23, API No. 03712642, Sec. 27 T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County, commencing work on SEPTEMBER 26, 19 96.

The present condition of the well is:

1. Total depth 7922 FT PBTD = 7033 FT
2. Complete casing record, including plugs and perforations (present hole) 13 3/8" CASING CMTD @ 297 FT. 7" CASING CMTD @ 7185 FT.
3. Last produced PRE 1990 (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected — (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands

RECEIVED
SEP 24 1996
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows: (SEE ATTACHED PROGRAM)

7" CASING PERFORATED 6983 FT — 7023 FT. PACKER AT 6968 FT.
ORIGINAL HOLE: 5 1/2" FJ LINER (JUNK) 7237 FT TO 7457 FT
SIDETRACK HOLE: TD 7922 FT PLUG w/CMT 7467' TO 7555 FT
CMT PLUG 7237 FT TO 7033 FT (INSIDE 7" CASING)

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 MOHAWK ST #154 (Street)
BAKERSFIELD CA 93309 (City) (State) (Zip)
Telephone Number (805) 635-0465 (Area Code) (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By CLAUDE D. FIDDLER P.E. (Print Name)
Claude D. Fiddler 9-17-96 (Signature) (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

DIVISION OF OIL AND GAS
RECEIVED
MAR 5 1975
SANTA PAULA, CALIFORNIA

Newhall Calif. March 4 1975

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to ~~commence the work of deepening, redrilling, plugging or altering casing~~ convert to production status at Well No. Rancho San Francisco 23-1D
(Cross out unnecessary words)

_____, Sec. 27, T. 4N, R. 17W, SB B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7922', PBTD 7033', KB 1335'

2. Complete casing record, including plugs:

13 3/8" 54.5# smls csg cmt at 297' w/250 sx.
7" 23#, 24#, 26#, 28#, 29#, H-40, J-55 & N-80 csg cmt at 7185' w/600 sx.
8 5/8" Baash-Ross csg bowl at 247', WSO at shoe.
4 - 7/16" holes at 6985' - WSO
4 - 1/2" holes/ft 6983'-7023'.
5½" 17# J-55 FJ liner hung at 7457' top of liner at 7237' (side tracked) cement plugs 7033'-7066' and 7467'-7555'.
17½" hole to 297'
11" hole to 7457' (original).
6½" hole 7208' to 7922' (Redrill).

3. Last produced. 02/04/75 (Date) (Swab test) | 18 (Oil, B/D) | 1 (Water, B/D) | 50 (Gas Mcf/D)

The proposed work is as follows:

1. Pull tubing and install gas-lift valves.

2. Rerun tubing.

3. Place well on production.

Request change of status from propane injection well to oil production well.

| MAP | MAP BOOK | CARDS | BOND | FORMS 111 | |
|---|---|---|---|---|---|
| | | | BB | ✓ | |

23928 Lyons Avenue
Newhall, CA 91321
(Address)

(805) 259-2440
(Telephone No.)

SUN OIL COMPANY (DELAWARE)
(Name of Operator)

By S M Burns
S. M. Burns, Dist. Prod. Mgr.

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 103

SUBMIT IN DUPLICATE

△ OSP

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 2 1976
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

OPERATOR SUN OIL COMPANY (DELAWARE) FIELD Newhall-Potrero

Well No. RSF 23-ID, Sec. 27, T. 4S, R. 17W, SB B. & M.

Date March 26, 19 75 Signed D. J. Van Orden for S. M. Burns, Dist. Prod. Mgr.

23928 Lyons Avenue
Newhall, California 91321 (805) 259-2440 Title Agent
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

| Date | |
|---|---|
| 1975 | |
| 2/4 | MIRU. Install and test swab lubricator. Began swabbing from 4000'. No fluid recovered 1st run. Swabbed to shoe (5th run). Fluid entry rate approximately 200' Between runs gassy fluid. Swabbed 6.5 BF for 4 hours, tested two gas samples, 1st - 1.9% $C_3$, 2nd - 15.1% $C_3$. Quit swabbing, left well open to tester. Swabbed 18.3 BO 2.7 BW - first day. |
| 2/5 | Flowed 14.7 BO, 51 MSCF in 14 hours, gas sample 8 GPM propane. Began swabbing at 5500'. Recovered 1.3 BO, .4 BW; 2nd run - 6000' recovered 4 BO, 1 BW; 3rd run - 6600' recovered 1.8 BO, .3 BW; shut in 1 hour. Ran swab to shoe. Recovered 3.9 BO, .2 BW. Shut in. Laid down swab, removed X-mas tree installed BOE, tested. Hooked onto tbg, pulled out of pkr at 6962'. Well kicked around tbg (didn't die) hooked up chicksan. POH. Made up seal assembly, standing valve. Shut in. |
| 2/6 | Hooking well to gas lift system. |
| 2/7 | Hooking well to gas lift system. |
| 2/8 | Started gas lift, well wouldn't kick. Possible csg leak. Will evaluate. |
| 2/21 | MIRU. Pull tbg up about 2500'. Installed gas lift valve. Ran back in hole. Start gas lift. |
| 2/22 | GL 0 BO, 131 BW. |
| 2/23 | GL 1 BO, 19 BW. |
| 2/24 | GL 14 BO, 9 BW. |
| 2/25 | GL 25 BO, 0 BW. |
| 2/26 | GL 27 BO, 0 BW. Final Report. |

FORM 157

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

# REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North La Brea Avenue
Inglewood 3, California

November 27, 1957

Mr. O. A. Graybeal
714 West Olympic Boulevard
Los Angeles 15, California
Agent for SUNRAY MID-CONTINENT OIL CO.

DEAR SIR:

Your ~~request~~ Well Summary Report dated November 12 and 13, 1957, relative to change in designation of well(s) in Sec. 26 and 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero field, Los Angeles County, District No. 1, has been received; and in accordance with Section 3203, Chapter 93, Statutes of 1939, reading in part as follows:

> "* * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

| Old Designation | New Designation |
|---|---|
| "Rancho San Francisco" 14-3, Sec. 26. | "Rancho San Francisco" 14-1 |
| "Rancho San Francisco" 23-3, Sec. 27. | "Rancho San Francisco" 23-1D |
| "Rancho San Francisco" 27-3, Sec. 27. | "Rancho San Francisco" 27-1D |

DER:eb

CC- Mr. E. H. Musser
Prod. Dept.
Conservation Committee

E. H. MUSSER
*State Oil and Gas Supervisor*

By [signature]
*Deputy Supervisor*

36119 5-56 2350 SPO

NRAY MID-CONTINENT OIL CON. Y
California District

# WELL SUMMARY REPORT

WORKOVER

DIVISION OF OIL AND GAS
RECEIVED
NOV 26 1957
LOS ANGELES, CALIFORNIA

Field Newhall-Potrero, Los Angeles County

*Well No. "Rancho San Francisco" 23-1D, Sec. 27, T. 4N, R. 17W, S. B. B. & M.

Location 2523.99' South and 2873.85' East from R.S.F. Corner "J"

Elevation of K.B. above sea level 1335.24'. K.B. above Concrete Mat ~~Ground~~ 9.00'.

Date November 13, 1957

Signed O. A. Graybeal
O. A. Graybeal, Agent

Contractor California Production Service
Type Rig Hopper 300 HP Hoist w/Hopper 100' Mast
Commenced Workover : August 6, 1956 (Date)
Completed Workover : August 9, 1956 (Date)

## WELL CONDITIONS PRIOR TO WORK

Total Depth 7922' Plugged Depth 7033'

13 3/8" 54.5# smls. csg. C. @ 297' w/250 sx.
7" 23#,24#,26#,28#,29# H-40,J-55 & N-80 csg. C. @ 7185' w/600 sx.
8 5/8" Baash-Ross csg. bowl @ 247'.
W.S.O. at shoe.
5 1/2" 17# J-55 flush jt. liner H. @ 7457'
Top of liner @ 7237' (sidetracked).

Cement plugs: 7033'-7066' & 7467'-7555'.

17 1/2" hole to 297'.
11" hole to 7457' (original).
6 1/8" hole from 7208' to 7922' (redrill).

## WELL CONDITIONS AFTER WORK

Total Depth 7922' Plugged Depth 7033'

13 3/8" 54.5# smls. csg. C @ 297' w/250 sx.
7" 23#,24#,26#,28#,29#, H-40,J-55 & N-80 csg. C @ 7185' w/600 sx.
8 5/8" Baash-Ross csg. bowl @ 247'.
W.S.O. at shoe.
4 - 7/16" holes @ 6985' - WSO
4 - 1/2" h/ft. 6983'-7023'.
5 1/2" 17# J-55 flush jt. liner H. @ 7457'
Top of liner @ 7237' (sidetracked).

Cement plugs: 7033'-7066' & 7467'-7555'.

17 1/2" hole to 297'.
11" hole to 7457' (original).
6 1/8" hole from 7208' to 7922' (redrill).

Commenced Producing September 9, 1956 (Date) ~~Flowing~~/gas lift/~~pumping~~

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 116 | 34.8 | 0.6 | 183 | 120 | 380 |
| Production after 16 days | 71 | 35.8 | 0.5 | 82 | 400 | 700 |

Electrical Log Depths None (Attach copy of Log)

LC

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS

AUG 8 1956

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. August 6, 19 56

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. Rancho San Francisco 23-3, Sec. 27, T. 4 N, R. 17 W, S.B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7922'.

2. Complete casing record.
   13-3/8" 54.5# casing cemented at 297' with 250 sacks.
   7" 23, 24, 26, 28, 29# H-40, J-55 & N-80, ST&C & LT&C casing cemented at 7815' with 600 sacks. W.S.O. at shoe.
   8-5/8" Baash-Ross casing bowl at 247'.
   11" hole to 7457' (original hole).
   5½" 17# J-55 F.J. Liner 7237' to 7457' (side-tracked).
   6-1/8" hole 7185' to 7922' (redrill).
   Plugged from 7555' to 7467' with 15 sacks.
   Plugged from 7066' to 7033' with 15 sacks.

3. Last produced. -- (Date) -- (Net Oil) -- (Gravity) -- (Cut)

The proposed work is as follows:
1. Clean out to top of plug at 7033'.
2. Pressue test casing to check plug and casing bowl.
3. Shoot four ½" bullet holes at 6985' for W.S.O.
4. Shoot four ½" jet holes per foot 7025-6990'.
5. Run tubing and complete well.

Old Casing

| MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|
| | | | | |

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Grayberg
O. A. Grayberg, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 16 1952
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO #23-3 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 2524' S. & 2874' E. from Cor. "J" Elevation of ~~[illegible]~~ Adjusted kelly bushing 1335.24 conc. mat above sea level 1326.24 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 8, 1952 Signed R. E. Foss

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title R. E. Foss Agent (President, Secretary or Agent)

Commenced drilling October 31, 1952 Completed drilling December 7, 1952 Drilling tools Rotary

Total depth 7457'; 7922' redrill Plugged depth 7033'

Junk 220' - 5-1/2" 17# FJ liner from 7237' to 7457', sidetracked.

Well Suspended

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing Redrilled well did not produce (date) Flowing/gas lift/pumping (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | | | | | | |
| Production after 30 days | | | | | | |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 297' | Surface | 54.5# | New | Smls | Slip Jt. | 17-1/2" | 250 | -- |
| 7" | 7185' | Surface | 24, 26, 28 & 29# | New | Smls | H-40, J-55, N-80 | 11" | 600 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 7,760'; 7,922' (Attach Copy of Log)

FORM 108. 99470 11-48 14,250
SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 10 1952
LOS ANGELES, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Los Angeles Calif. December 4, 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given that it is our intention to ~~abandon~~ suspend well No. Rancho San Francisco 23-3

Sec. 27, T. 4 N., R. 17 W., S. B. B. & M. Newhall-Potrero Field,

Los Angeles County, commencing work on the 5th day

of December 1952

The present condition of the well is as follows:

1. Complete casing record.

13-3/8" 54.5# J-55 cemented at 297 ft. with 250 sacks.
7" 24, 26 & 28# H-40 and J-55 cemented at 7,185 ft. with 600 sacks.
5-1/2" 17# FJ liner from 7,240 to 7,460 ft. sidetracked.
7,462 ft. Total Depth (Original Hole)
7,920 ft. Total Depth (Redrill)

2. Last produced. Oct. 9, 1951 (Date) 59 Bbls. (Net oil) 43° (Gravity) 2.0% (Cut)

The proposed work is as follows:

1. Plug from 7,505 to 7,430 feet in open hole.
2. Plug from 7,185 to 7,135 feet inside 7" casing.
3. Hole to remain full of rotary mud between cement plugs.
4. Displace mud above 7,135 feet with water. Install Xmas tree.
5. Suspend operations.

Plug

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY OIL CORPORATION
(Name of Operator)

By R. E. Foss
R. E. Foss, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107. 50672 9-51 15M SPO

RECEIVED

NOV 3 1952

DIV. OIL & GAS, L.A.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. October 30 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, ~~redrilling, plugging or altering casing~~ at Well No. Rancho San Francisco 23-3
(Cross out unnecessary words)

, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7,457 feet

2. Complete casing record.

13-3/8" 54.5# casing at 297 feet with 250 sacks.
7" 24, 26 & 28# H-40 and J-55 casing at 7,185 feet with 600 sacks.
5-1/2" 17# N-80 liner. Top of adapter at 7,161 feet, shoe at 7,455 feet.
Perforated with 100 mesh slots 7,206 to 7,455 feet.

| MAP | MAP BOOK | CARDS | BOND | FORMS 1 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

3. Last produced. Oct. 9, 1951 (Date) 59 Bbls. (Net Oil) 43° (Gravity) 2% (Cut)

The proposed work is as follows:

1. Kill well and install blowout preventer.
2. Pull 2-1/2" production tubing.
3. Remove 5-1/2" liner.
4. Drill ahead to approximately 7,750 feet (base of 3A Zone).
5. Run 5" 18# J-55 combination liner cemented through baffle collar at about 7,510' to top of adapter at about 7,145'. Liner below baffle collar to be shop perforated with 168 1/4" round holes per foot. Liner above baffle collar to be blank.
6. Clean out cement to 10 ft. below top of liner and test for shut off.
7. Clean out cement to 10 ft. above baffle collar. Shoot four 3/8" holes and test for shut off.

SUNRAY OIL CORPORATION
(Name of Operator)

By R. E. Foss
R. E. Foss, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

M 100. 94924 12-40 25M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL TH NK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPE' 'LY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## LOG OF OIL OR GAS WELL

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO #23 Sec. 27, T. 4 N., R. 17 W., S.B. B. & M.

Location 2523.99' S. and 2873.85' E. from Corner "J" ~~3684'N and 2800'W. from S.E. corner of Section 27-4-17.~~ (Correction letter 3-3-42) Elevation of kelly bushing 1335.24, derrick floor 1332.24, ground cement mat 1326.24 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date September 2, 1941 Signed J. C. Gilbert

O. A. Craybeal (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling June 11, 1941 Completed drilling July 26, 1941 Drilling tools Cable Rotary

Total depth 7457' Plugged depth

Junk None

GEOLOGICAL MARKERS

| Water | Name | Cross Section | Cards | Forms | |
|---|---|---|---|---|---|
| | | | | | |

DEPTH

Commenced producing July 26, 1941 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 1366 | 32.6 | 0.7 | 860 | 575 | |
| Production after 30 days | 125 | 34.5 | 0.1 | 82 | 775 | 122 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemen if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8 | 297 | surface | 54.5# | new | smls. | slip jt. | 17½" | 250 | |
| 7" | 7185 | " | 24,26,28# | " | " | H-40&J-55 | 11" | 600 | |
| 5½" | 7455 | 7160 | 17# | " | " | N-80 | 11" | - | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½" | 7206 ft. | 7455 ft. | 100 M x 2" | 12 | 6" | 6° undercut, Pacif |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths (Attach Copy of Log)

FORM 103.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

RECEIVED
SEP 8 - 1941

OPERATOR BARNSDALL OIL COMPANY FIELD MENDALL-POTRERO

Well No. RANCHO SAN FRANCISCO #23, Sec. 27, T. 4 N., R. 17 W., S.B. B. & M.

Signed J. C. Shielnt

Date September 8, 1941 Title Agent
(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. **Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production.** Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

(All depths are measured below the top of the "KB" bushings. See Form #100 for elevations.)

| Date | Depth | Casing | Perforations |
|---|---|---|---|
| 1941 | | | |
| 6-12 | Spudded in. | | |
| 6-19 | Depth 310'. Cemented 13-3/8" 54.5# seamless slip joint casing at 297' with 250 sacks of Velo cement. | | |
| 7-20 | Depth 7457'. Cemented 7" 24, 26, and 28# seamless casing at 7165' with 600 sacks of Victor Modified Oil Well cement. Laid a cement bridge below casing shoe to 7207'. | | |
| 7-23 | Found float collar at 7142'. No cement below float collar to 7153'. Drilled out firm cement from 7155 to 7189'. Shoe at 7165'. | | |
| 7-24 | Ran in Halliburton casing tester on 3½" drill pipe. Set packer at 7158' with tail piece to 7178'. Opened valve at 7:00 A.M. Open 30 minutes. Fair blow 5 minutes - occasional heading 5 minutes - dead 20 minutes. Recovered 62' of medium heavy drilling mud. WSO test witnessed and approved by S. H. Rock of the Division of Oil and Gas. | | |
| 7-25 | Ran 294' of 5½" 17# seamless liner, hanging same at 7455' with top of hanger at 7161'. Hung 2⅞" tubing at 7442'. Changed mud to water. Changed water to oil. | | |
| 7-26 | Well began flowing 2:00 A.M. | | |

FORM 105. 70717 4-39 10M.
CALIFORNIA STATE PRINTING OFFICE

RECEIVED
JUN 5 - 1941
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

7

037-12642

This notice must be given and surety bond filed before drilling begins

LOS ANGELES, Calif. May 31, 1941

DIVISION OF OIL AND GAS

LOS ANGELES, Calif.

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No. RANCHO SAN FRANCISCO #23 Sec. 27, T. 4 N, R. 17 W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

Lease consists of

The well is ~~3684 feet N. or S. and 2800 feet E. or W. from S.E. Corner of Sec. 27-4-17~~ 2523.99' S. and 2873.85' E. from Corner "J") (Correction letter 3-3-42) Gilbert - CL

(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 1332.24 feet.

Kelly Bushing 1335.24
~~ground~~ Cement Mat 1326.24

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | Smls. Slip Jt. | 300 | Cemented |
| 7" | 26 & 28# | Smls. H-40 & J-55 | 7200 | Cemented |
| 5½" | 17# | Smls. N-80 | 7500 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address PETROLEUM BUILDING

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RIchmond 5171

By F. C. Shiemt
AGENT

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18
CL

Book
6-5-41
CL

For letter dated 3-25-46 re changes in designations Barnsdall Oil Company Newhall-Potrero field wells, see record "Rancho San Francisco" 1-3.

Sec. 26, T. 4 N., R. 17 W., S. B. B. & M.

| From | | To | |
|---|---|---|---|
| "Rancho San Francisco" | 1 | "Rancho San Francisco" | 1-3 |
| | 2 | | 2-2 |
| | 3 | | 3-13 |
| | 4 | | 4-123 |
| | 5 | | 5-6 |
| | 6 | | 6-5 |
| | 7 | | 7-123 |
| | 8 | | 8-3 |
| | 10 | | 10-3 |
| | 11 | | 11-3 |
| | 12 | | 12-123 |
| | 14 | | 14-3 |
| | 15 | | 15-3 |
| | 18 | | 18-3 |
| | 43 | | 43-3 |
| | 44 | | 44-6 |
| | 50 | | 50-3 |
| | 51 | | 51-3 |

Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

| From | | To | |
|---|---|---|---|
| "Rancho San Francisco" | 9 | "Rancho San Francisco" | 9-1 |
| | 13 | | 13-3 |
| | 16 | | 16-13 |
| | 17 | | 17-3 |
| | 19 | | 19-13 |
| | 20 | | 20-3 |
| | 21 | | 21-3 |
| | 22 | | 22-3 |
| | 23 | | 23-3 |
| | 24 | | 24-3 |
| | 25 | | 25-3 |
| | 27 | | 27-3 |
| | 28 | | 28-3 |
| | 29 | | 29-3 |
| | 30 | | 30-3 |
| | 41 | | 41-3 |
| | 45 | | 45-3 |
| | 46 | | 46-3 |
| | 47 | | 47-3 |
| "Rancho San Francisco" | 48 | "Rancho San Francisco" | 48-3 |

Sec. 35, T. 4 N., R. 17 W., S. B. B. & M.

| From | | To | |
|---|---|---|---|
| "Rancho San Francisco" | 31 | "Rancho San Francisco" | 31-23 |
| | 33 | | 33-23 |
| | 34 | | 34-3 |
| | 36 | | 36-2 |
| | 37 | | 37-23 |
| | 38 | | 38-23 |
| | 39 | | 39-23 |

Sec. 36, T. 4 N., R. 17 W., S. B. B. & M.

| From | | To | |
|---|---|---|---|
| "Rancho San Francisco" | 32 | "Rancho San Francisco" | 32-2 |
| | 35 | | 35-2 |
| | 40 | | 40-23 |
| | 42 | | 42-2 |
| | 49 | | 49-2 |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

February 26, 1999

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 25,

A.P.I. No. 037-12644, Section 27, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated January 4, 1999, received January 19, 1999, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:**

1. Surface plugging completed on January 1, 1999.
2. Site inspection made and approved February 1, 1999.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

OPERATOR Sun Exploration
WELL NO. "Rancho San Francisco" 25
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Convert to Observ. | Abandon | | | | |
| NOTICE DATED | 3-27-87 | 10/8/98 | | | | |
| P-REPORT NUMBER | 287-94 | 288-167 | | | | |
| CHECKED BY/DATE | | MC 1-21-99 | | | | |
| MAP LETTER DATED | 3mc 7/23/87 | 1-23-99 | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-30-87 | | 10/14/98 | | | | | | | | | |
| HISTORY | NOT NEEDED* | | 1-19-98 | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | 2-1-99 | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE SPM 7-6-87

FINAL LETTER MAILED OK

RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS: *SEE PROPOSAL, NO CASING ALTERATION

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator **Medallion California Properties** Field **Newhall-Potrero** County **Los Angeles**

Well **"Rancho San Fransico" 25** . Sec. **27** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-12644** Name **Bradford A. DeWitt** (Person submitting report) Title **Agent** (President, Secretary or Agent)

Date **January 4** , 19 **99**

Signature Bradford A. DeWitt

**5400 Rosedale Highway, Bakersfield, CA 93308** (Address) **(805) 635-0465** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/22/98 | Move in, rig up. Kill well. Install B.O.P.. Close in well. |
| 12/23/98 | Open well. Pull out of hole with kill string. Run in hole with open ended 2⅜" tubing, tag clean out at 7,458'. Set tubing at 7,456', mix and pump 138 ft³ 50/50 Poz with 35% silica flour with 5% gel. Pull out of hole. Close in well. |
| 12/28/98 | Open well. Run in hole with open ended 2⅜" tubing, tag cement plug at 6,731', Paul Crommiller, D.O.G.G.R. witnessed tag. Set tubing at 6,730', pump 218 barrels mud. Pull out of hole with 2⅜" tubing. Remove B.O.P.. Flange up well. Close in well. Rig down. |
| 12/29/98 | Continue rig down, move off. Clean location. |
| 12/31/98 | Move in, rig up coiled tubing unit and equipment. Run in hole with coiled tubing unit to 1,100', mix and pump 66 ft³ (42 sacks) class "G" cement with 35% silica flour. Theoretical top of cement 800'. Pull out of hole with tubing. Secure well. Rig down, move off. Note: wireline fire cavity shot at 1,100' and 4 ½" jspf x 1' at 110'. |
| 01/01/99 | Move in, rig up coiled tubing unit and equipment. Run in hole with coiled tubing unit, tag cop of cement at 875'. Pump 30 barrels of mud. Pull out of hole with coiled tubing unit. Hook up cement pump to 7" casing, pump 5 barrels water, broke circulation. Mix and pump 100 ft³ (64 sacks) class "G" cement with 35% silica flour, good cement to surface. Rig down, move off. Bruce Hesson, D.O.G.G.R. witnessed and approved tag top of cement at 875', mudding operations, and placement of surface plug. |

RECEIVED
JAN 19 1999
DIVISION OF OIL, GAS AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

(DG103)

RESOURCES AGENCY OF CALIFORNIA
EPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T299-5

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIF. PROPERTIES
1100 Mohawk St. Suite 154
Bakersfield, CA. 93309-7416

Ventura, California
January 4, 1998

Your operations at well "Rancho San Fransisco" 25, API No. (037-12644), Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 1-1-99. Bruce Hesson, representative of the supervisor, was present from 0700 to 1400. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 303'; 7" cem 7184', cp 110', cav shot @ 1100', perf 6990' wso, perfs 7004'-7034' (sqz'd), 5 1/2" Hg 7155'-7461', perfs 7202'-7461', TD 7463'. Plugged w/ cem 7463'-7458', 7456'-6731', 1100'-875' & 110'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P298-167

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
--
(new pool code
07
(old pool code)

Observation

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St. Suite 154
Bakersfield, CA 93309-7416

Ventura, California
October 19, 1998

Your _____ proposal to abandon well "Rancho San Fransico" 25, A.P.I. No. 037-12644, Section 27, T. 4N, R. 17W, S.B. B.&M., Newhall-Potrero field, ---------- area, 1-2-3 Observation pool, Los Angeles County, dated 10/8/98, received 10/14/98, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 7458'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs./cu. ft and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. This office shall be consulted before deviating from the proposed abandonment program.
6. Well site restoration is completed within 60 days following plugging and abandonment of the well.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plugs at 6790' and 1000'.
   b. To witness the mudding of the well.
   c. To witness the placing of the surface plug inside the 7" casing and the plug in the 7" x 13-3/8" casing annulus.
   d. To inspect and approve the cleanup of the well site before approval of abandonment will be issued.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____

Patrick J. Kinnear
Deputy Supervisor

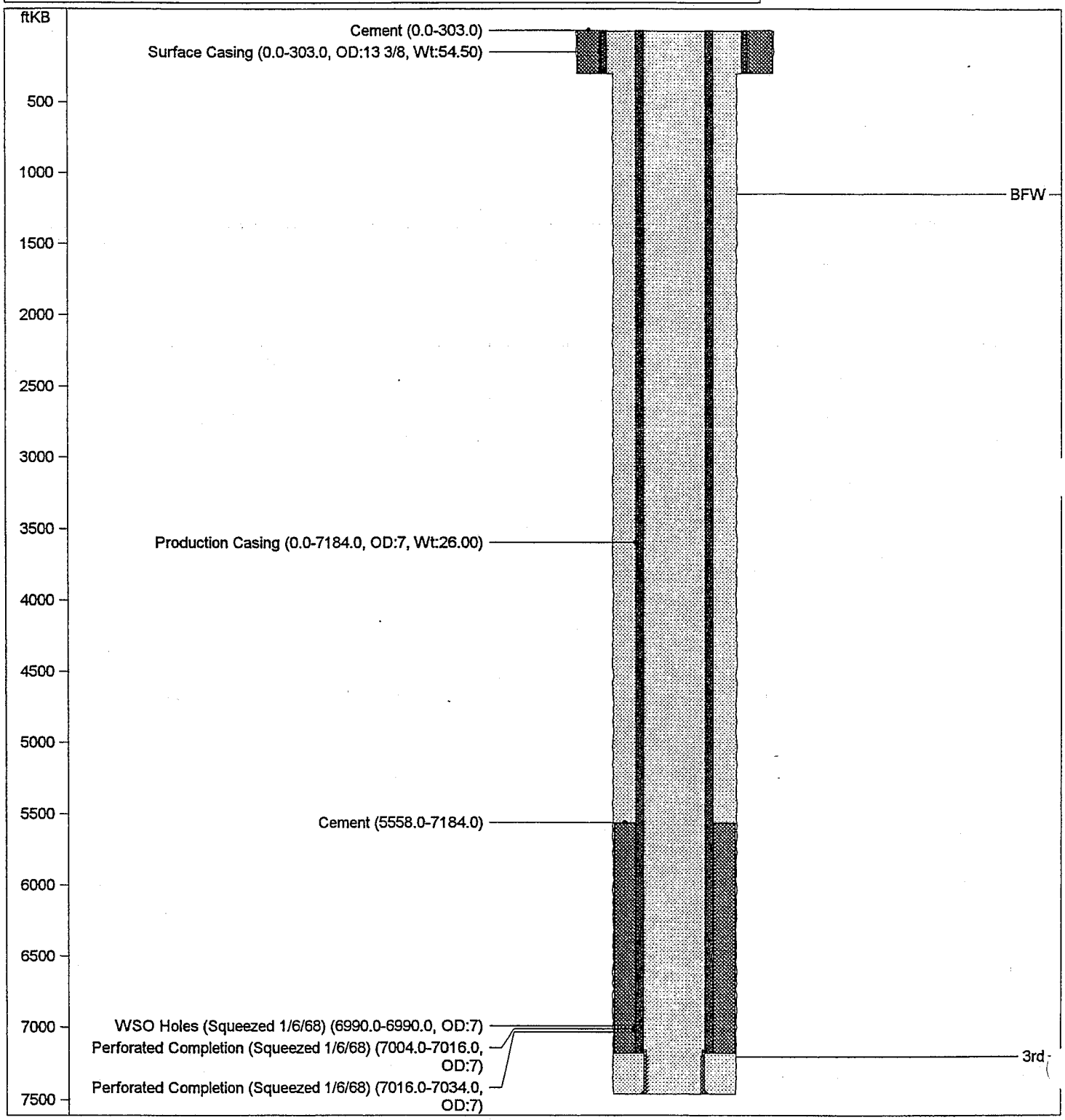
A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111 (Modified 1993)

| 04037126440000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 25 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 7463.0 ftKB |
| PBTD | 7463.0 ftKB |
| Approval Date | 30-Jul-41 |
| Spud Date | 30-Jul-41 |
| TD Date | 12-Sep-41 |
| Production Date | 12-Sep-41 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**10/19/98**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

DIVISION OF OIL AND GAS
RECEIVED
MAR 30 1987
VENTURA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be [illegible]

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3. Public Resources Code, notice is hereby given that it is our intention to rework well No. Rancho San Francisco #25, API No. 037-12644, Sec. 27, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows: S10

1. Total depth. 7463' TD

2. Complete casing record, including plugs and perforations:

See Attachment

3. Present producing zone name 123 Zone Zone in which well is to be recompleted same

4. Present zone pressure 789# New zone pressure 789#

5. Last produced 5/84 (Date) 2 (Oil, B/D) 21 (Water, B/D) 36 (Gas, Mcf/D)

or

6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

Convert to pressure observation well for monitoring pressures in secondary recovery areas.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 WEST RYE CANYON ROAD (Street)
VALENCIA (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION AND PRODUCTION COMPANY (Name of Operator)
By F. E. Armijo (Name) 3/27/87 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

S-1299

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## HISTORY OF OIL OR GAS WELL

DIVISION OF OIL AND GAS
RECEIVED
DEC 2 1958
INGLEWOOD, CALIFORNIA

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero, Los Angeles County

WELL NO. "Rancho San Francisco" 25-1D SEC. 27, T. 4N, R. 17W, S.B. B. & M.

SIGNED O. A. Graybeal

DATE November 25, 1958 TITLE O. A. Graybeal, AGENT
(PRESIDENT, SECRETARY OR AGENT)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

DATE
1958

### RECOMPLETION HISTORY

All measurements are taken from original kelly bushing which is 9.00' above concrete mat.

10/14 Killed well using lease crude oil. Well taking oil.

10/15 Rigged up and commenced operations at 4:00 p.m. Filled hole with lease crude oil. Remo Xmas tree. Pulled tubing loose. Installed blow-out equipment. Pulled tubing. Well taking oil.

10/16 Set Baker Model "DR" latching-type packer plug in Baker Model "D" permanent production packer at 7085' with 6000# weight. Top of packer plug at 7081'.

Filled hole with lease crude oil.
Tested packer plug and casing to 700 psi. Held O.K.
Spotted 4 barrels of thick gel pill from 7085' to 6985'.
Ran 6" bit and 7" scraper to 7000'. Circulated hole clean.

10/17 TEST #1 - TO TEST BAKER MODEL "DR" PACKER PLUG SEAL AT 7085'.
Ran Cook Hydraulic tester on 2 7/8" 6.5# EU tubing and 30' of 4 3/8" OD drill collar. Packer at 6989' and tailpiece to 7005'. 592' water cushion; 1/2" bottom bean. Tool o 47 minutes. Weak blow decreasing to very weak 5 minutes, extremely weak 25 minutes, dead 17 minutes. Recovered 10' net rise of oil. Both Huber bombs were below perforate tailpiece and were outside reading. Charts showed tester open throughout with no press buildup. Initial hydrostatic 2680 psi; flow pressure 320 psi. Final hydrostatic 2650 psi. Field read pressures.

Sunray decision: Packer plug seal is holding.

Shot 4 - 3/8" bullet holes at 6990' with Cook combination gun and tester. Used B-J 5" gun with FF-4 charges.

TEST #2 - W.S.O. OF HOLES AT 6990'.
Ran Cook combination gun and hydraulic tester on 2 7/8" 6.5# EU tubing and 30' of 4 O.D. drill collar. Packer at 6956' and tailpiece to 6978'. 592' water cushion; 1/2 bottom bean. Tool open 65 minutes. Weak blow decreasing to dead in 5 minutes. Dead 60 minutes.

Date
1958
10/17 Cont. Recovered 10' net rise of oil. Both Huber bombs were below perforated tailpiece and w outside reading. Charts showed tester open throughout with no pressure buildup. Init hydrostatic pressure 2600 psi; flow pressure 300 psi. Final hydrostatic pressure 2600 Field read pressures.

W.S.O. witnessed and approved by the Division of Oil and Gas.

Ran in with 6" bit and 7" scraper to 7042'. Circulated out gel pill from 7000' to 704

Shot 4 - 1/2" bullet holes per foot from 7016' to 7034' with B-J Service FF-8 5" bullet While pulling perforating gun, suction pits gained 5 barrels of fluid. Closed complet shut-off. Pressure went to 200 psi in 5 minutes; 475 psi in 15 minutes. Tried to lub cate in 485 psi/1000' gradient oil base mud at 1500 psi. Formation would not take oil

10/18 Installed Guiberson stripper above blow-out equipment. Ran Baker float sub and 5 7/8" bit on 2 7/8" tubing through stripper to 6760'. Killed well with Black Magic Premix o: base mud (70#/cu ft - 485 psi/1000') and circulated out crude oil.

Shot 4 - 1/2" bullet holes per foot from 7004' to 7016' with B-J Service FF-8 5" bullet gun.

Ran Baker 7" casing scraper, scraped perforations from 7004' to 7034'. Pulled to 6861 Circulated 1 1/2" hours. Returns from bottom were badly gas-cut.

10/19 Ran 2 7/8" tubing to 7017'.

Displaced Black Magic Premix oil base mud with crude oil.

Started gas lifting well on production at 4:00 p.m.

Released rig at 5:00 p.m.

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
OCT 14 1958
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles, Calif. September 22, 1958

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. "Rancho San Francisco" 25-1D, Sec. 27, T. 4N, R. 17W, S.B. B. & M. Newhall-Potrero Field, Los Angeles County.

(Cross out unnecessary words)

The present condition of the well is as follows:

1. Total depth. 7463'.
   Plugged Depth. 7458'.

2. Complete casing record.
   13 3/8" 54.5# casing cemented at 303' with 250 sacks.
   7" 24#, 26#, 28#, H-40, J-55 casing cemented at 7184' with 600 sacks.
   5 1/2" 17# N-80 liner hung at 7461' with hanger at 7156'.
   Perforated with 100M x 2" 12R, 6" centers from 7202' to 7461'.
   Baker Model "D" Permanent Production Packer from 7085' to 7089'.

3. Last produced. 1/25/57 (Date) 8 B/D (Net Oil) 38.2° (Gravity) 3.0% (Cut)

The proposed work is as follows:

1. Plug Model "D" packer with latching type packer plug.
2. Shoot four holes at 6990' for W.S.O.
   a. Use 600' water cushion.
   b. Notify the Division of Oil and Gas to witness.
3. Perforate from 7004' to 7034' with four holes per foot.
4. Complete well.
5. Well number with henceforth be "Rancho San Francisco" 25-1D.

| MAP | MAP BOOK | CARDS | BOND | 70 SMS | |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105. 70717 4-39 10M.
CALIFORNIA STATE PRINTING OFFICE

RECEIVED
JUL 29 1941
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

6

## Notice of Intention to Drill New Well

037-12644

This notice must be given and surety bond filed before drilling begins

LOS ANGELES, Calif. JULY 24, 1941

DIVISION OF OIL AND GAS

LOS ANGELES, Calif.

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco #25, Sec. 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is ~~3680 feet N. or S., and 3460 feet E. or W. from S.E. Corner Sec. 27-4-17~~ 2526.75' S. and 2213.85' E. from Corner "J" (Correction letter 3-3-42)
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ derrick floor above sea level is 1339.92 feet.
kelly bushing 1342.92
cement mat 1333.92

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7175 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.5# | Smls. Slip Jt. | 300 | Cemented |
| 7" | 24, 26, & 28# | Smls. H-40&J-55 | 7175 | " |
| 5½" | 17# | Smls. N-80 | 7400 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address PETROLEUM BUILDING

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RIchmond 5171

By X W. C. Whaley
~~Agent~~ V.P.

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Book
7-29-41

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

June 16, 2000

Bradford DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 26,

A.P.I. No. 037-00069, Section 27, T. 4N, R. 17W, SbB. & M.,

Newhall Potrero field, Los Angeles County,

dated January 31, 2000, received February 23, 2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 13, 2000.

2. Site inspection made and approved June 13, 2000.

tkc

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

OPERATOR [illegible]
LSE & NO ASF 26
MAP 253.

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | Conv to WF | convert to water disposal | Abandon | | | |
| NOTICE DATED | 3-31-80 | 10-13-95 | 9-18-98 | | | |
| P-REPORT NUMBER | 280-106 | P295-257 | P298-157 | | | |
| CHECKED BY/DATE | J.T. | spm 4-26-96 | | | | |
| MAP LETTER DATED | 1-24-81 | 5-4-96 | 1-29-00 | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 4-1-80 | | 10-16-95 | | 9-24-98 | | | | | | | |
| HISTORY | 1-15-81 | | 3-11-96 | | 2-23-00 | | | | | | | |
| SUMMARY | 1-15-81 | | | | | | | | | | | |
| IES/ELECTRIC LOG | — | | | | | | | | | | | |
| DIRECTIONAL SURV | — | | | | | | | | | | | |
| CORE/SWS DESCRIP | — | | | | | | | | | | | |
| OTHER | 6-24-80 | | | | | | | | | | | |
| RECORDS COMPLETE | JR | | 3-11-96 | spm | 2-23-00 | spm | | | | | | |

ENGINEERING CHECK

P-REPORTS
OPERATOR'S NAME
WELL DESIGNATION
LOC & ELEV
SIGNATURE
SURFACE INSPECTION
FINAL LETTER OK

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: Well Stat - 96

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY McDaniel WELL NO. RSF 26

API NO. 037-00069-01 SEC. 27, T. 4N, R. 12W, SB B.&M.

COUNTY LA FIELD Whittier (L-Potrero)

RBDMS DATA ENTERED: 10/13/98
(DATE)

BY: [illegible]
(NAME)

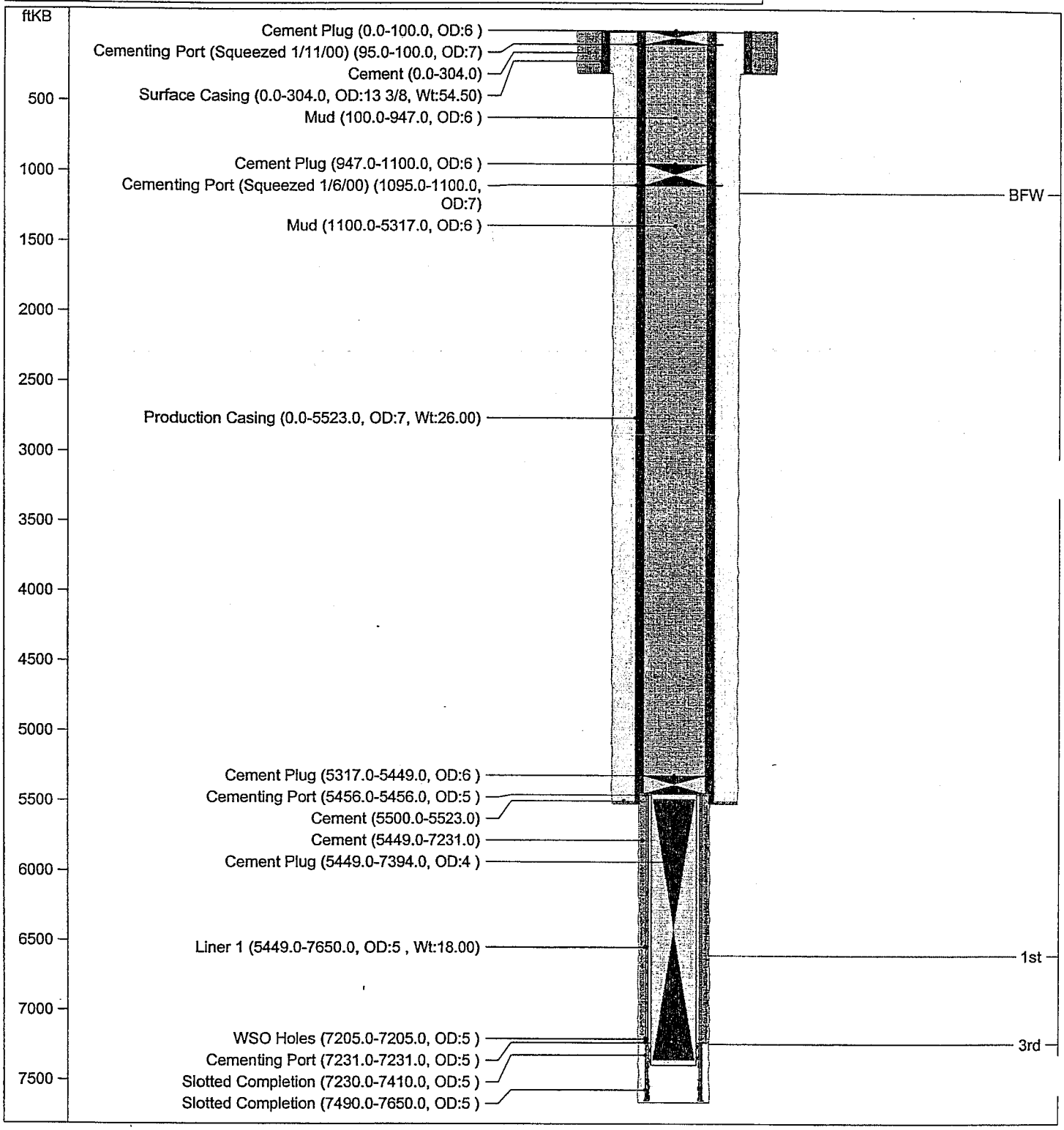
RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

UPDATED 4-19-00 S. MULQUEEN

# WELL CONSTRUCTION DATA ONLY

| 04037000690100 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 26 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 7659.0 ftKB |
| PBTD | 0.0 ftKB |
| Approval Date | 19-Nov-47 |
| Spud Date | 10-Jan-48 |
| TD Date | 14-Mar-48 |
| Production Date | 15-Mar-48 |
| Injection Date | |
| P/A Date | 13-Jan-00 |

Division of Oil & Gas Conservation




**4/19/00**

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: **Medallion California Properties Co.** Field: **Newhall-Potrero** County: **Los Angeles**

Well: **"Rancho San Francisco" 26** . Sec. **35** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-00069-01** Name: **Bradford DeWitt** (Person submitting report) Title: **Agent** (President, Secretary or Agent)

Date: **January 31** , 20 **00**

Signature

**5400 Rosedale Highway, Bakersfield, CA 93308** (Address) **(661) 635-0465** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 01/03/00 | Install well head. Move in, rig up, guy out. Removed well head, install cross over flange and B.O.P.E.. Make up saw tooth collar. Run in hole 10 joints. Close in well. |
| 01/04/00 | Open well. Continue to run in hole with tubing, tag at 7,414′. Lay down 1 joint tubing, tubing tail at 7,394′. Move in half tank and cement equipment. Bruce Hesson, D.O.G.G.R. waived witness. Mix and pump 258 ft³ cement in 4 stages. Pull out of hole. Close in well. |
| 01/05/00 | Open well. Run in hole with tubing, tag cement at 5,317′. Paul Crommiller, D.O.G.G.R. witnessed tag at 5,317′ and mud operations. Pump 158 barrels mud from 5,317′ to 1,100′. Pull out of hole laying down tubing. Remove B.O.P.E., install well head. Close in well. |
| 01/06/00 | Move in wireline. Rig up wireline and shoot casing perforations from 1,100′ to 1,095′. Rig down wireline, move off. |
| 01/10/00 | Move in and rig up coiled tubing unit and equipment. Run in hole to 1,100′, mix and pump 77 ft³ 50/50 Poz. Pull out to hole, down squeeze 7 barrels. Rig down, move off. |
| 01/11/00 | Move in wireline. Rig up wireline and shoot casing perforations from 100′ to 95′. Rig down wireline, move off. |
| 01/13/00 | Move in and rig up coiled tubing unit and equipment. Run in hole, tag cement plug at 947′. Pump 33 barrels mud from 947′ to 100′ and pull out of hole. Mix and pump 115 ft³ 50/50 Poz, fill annulus and casing from 100′ to surface. Rig down, move off. Paul Crommiller, D.O.G.G.R. witnessed cementing and mudding operations. |

OG103

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-16**

# Report on Operations

Badford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 27, 2000

Your operations at well **"Rancho San Francisco" 26,** API No. **037-00069,** Sec. **27,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **1-13-2000. Paul Cronmiller,** representative of the supervisor, was present from **1600** to **1730.** There were also present **Richie McGowan & Alex Iwasiw.**

Present condition of well: **13 3/8" cem 304'; 7" cem 7468', milled 5498'-5523' perf 100' & 1100'; 5" ld 5456'-7651'; cp 7232', perf @ int 7232'-7651'. TD (orig hole) 8503'. TD (pres) 7659'. Plugged w/ cem 7414'-5317', 1100'-947' & 100'-5'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
--
(new pool code
20
(old pool code)

WATER DISPOSAL

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St. Suite 154
Bakersfield, CA 93309-7416

Ventura, California
October 13, 1998

Your _____ proposal to abandon well "Rancho San Fransico" 26, A.P.I. No. 037-00069-01, Section 35, T. 4N, R. 17W, S.B. B.&M., Newhall-Potrero field, ---------- area, 5th pool, Los Angeles County, dated 9/18/98, received 9/24/98, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 7,651'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs./cu. ft and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. This office shall be consulted before deviating from the proposed abandonment program.
6. Well site restoration is completed within 60 days following plugging and abandonment of the well.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plugs at 5356' and 1000'.
   b. To witness the mudding of the well.
   c. To witness the placing of the surface plug inside the 7" casing and the plug in the 7" x 13-3/8" casing annulus.
   d. To inspect and approve the cleanup of the well site before approval of abandonment will be issued.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____

Patrick J. Kinnear
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111 (Modified 1993)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# NOTICE OF INTENTION TO REWORK WELL

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| BOND | FORMS | | EDP WELL |
| | OGD114 | OGD121 | FILE |
| | ✓ | ✓ | |

This notice and an indemnity or dash bond must be filed, and approval given, before rework begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well Rancho San Francisco #26 *(Well designation)*, API No. 037-00069

Sec. 27, T. 4N, R. 17W, S.B. B.& M., Newhall/Potrero Field,

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:

   13-3/8" 54.5# casing set at 304', 7" 24# casing set at 7,468', 5" 18# liner set 5,450' to 7,651'.
   Perforations 7,231' to 7,410' and 7,491' to 7,651'.

2. The total depth is: 7,659 feet. The effective depth is: 7,659 feet.
3. Present completion zone(s): 3rd Zone *(Name)*. Anticipated completion zone(s): 3rd Zone *(Name)*.
4. Present zone pressure: 400 psi. Anticipated/existing new zone pressure: 400 psi.
5. Last produced: _____ *(Date)* _____ *(Oil, B/D)* _____ *(Water, B/D)* _____ *(Gas, Mcf/D)*

   (or)

   Last injected: Pre 1992 *(Date)* Unknown *(Oil, B/D)* _____ *(Water, B/D)* _____ *(Gas, Mcf/D)*
6. Is this a critical well according to California Code of Regulations Sec. 1720(A)? Yes ____ No X

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*

*Convert to water disposal injector in current condition.*

*See attached program.*

RECEIVED
OCT 16 1995
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

Note: If the well is to be redrilled, show the proposed bottom-home coordinates and estimated true vertical depth.
**The Division must be notified if changes to this plan be come necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | (805) 395-3029 | |
| **Address** | **City** | **Zip Code** |
| 1400 Easton Dr., Suite 133 | Bakersfield, CA | 91321 |
| **Name of Person filling Notice** | **Signature** | **Date** |
| Claude D. Fiddler (Agent) | Claude D. Fiddler | October 13, [illegible] |

File in Duplicate

OG 107

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
JAN 13 1981
DIVISION OF OIL & GAS
BAKERSFIELD

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County Newhall Potrero
Well Rancho San Francisco #26 Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-00069 Name L. B. CARROLL, JR. (Person submitting report) Title Agent (President, Secretary or Agent)
Date 1/8/81, 19

Signature L.B. Carroll, Jr. by [illegible]

23928 Lyons Avenue, Newhall, California 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1980 | |
| 5/7 | 7659 TD/7659 PBTD/7" 24# CSG @ 7468/EST TOP OF CEMENT 5708/MILLED WINDOW 5498-5523/WSO PERFS @ 7205 (4) EST TOC @ 7131/5" 18# N-80 LNR 5450-7651/SHOP PERFS 7491-7651/CONVERT TO WIW TO EXPAND 3rd ZONE WATERFLOOD/MIRU/FILL TBG & PRESS TO 1000#, AFTER PMPNG APPROX 50 BBLS PRESS DROPD TO 500#/CIRC WELL FOR 1 HR/TBG FREE/SDFN/ |
| 5/8 | INSTL BOP/LOWERD TBG & TAGGED FILL @ 7622/POH w TBG/BROKE OFF & LD DN GAS LIFT VALVES/RIH & SET MODEL "C" BP @ 60'/FILL HOLE W LSE WTR/ USED WELDER TO ADPT WELL HD FLANGE/INSTLD DBL STUDDED FLANGE FOR 6" DO-NUT/RIH w ST COLR & CO 7622-7658/PU TO 5454 & SDFN/ |
| 5/9 | CONTD POH w ST COLR/RIH w BKR 5" 18# CSG SCRPR TO 7265/POH w SCRPR/RIH w 5" 18# BKR LOCK-SET PKR ON 2-3/8" TBG TO 7200', HYDRO-TESTNG IN HOLE TO 5000 PSI/SDFN/ |
| 5/10 | PMP 100 BBLS FRSH WTR, TRTD w 5 GALS EACH OF TRETOLITE XC-370 & K-700, INTO ANNULUS/SET PKR @ 7180 IN 8000# COMPRESSION/PRESS CSG TO 1000 PSI, HELD OK/PMPD 30 BBLS IN 1 HR DN TBG @ 1500 PSI/NO COMMUNICATION/RDMO/FINAL REPORT/ |

DIVISION OF OIL AND GAS
RECEIVED
JAN 15 1981
SANTA PAULA, CALIFORNIA

OG103 (4-77-GSR1-10M)

BARNSDALL OIL COMPANY
PETROLEUM BUILDING
LOS ANGELES

DIVISION OF OIL AND GAS
RECEIVED
NOV 19 1947
LOS ANGELES, CALIFORNIA
CALIFORNIA DIVISION

November 18, 1947

Division of Oil & Gas
1015 W. Olympic Blvd.
Los Angeles, California

Attn: Cecil Barton

Gentlemen:

This is to advise that our R.S.F. well #26, has been changed to R.S.F. #26-3.

Yours truly,

D. L. Caldwell

D. L. Caldwell,
Chief Engineer

DLC:kmj

FORM 107. 52529 12-45 17,500
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given fifteen days before work begins when possible

Los Angeles Calif. November 14, 1947

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening~~, redrilling, ~~plugging or altering casing~~ at well No. Rancho San Francisco #26-3
(Cross out unnecessary words)

, Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Complete casing record.

13 3/8" 54.5# C. 304'
7" 24, 26, 28# C. 7468'
3 - 1/2" holes 6010'.
10 - 1/2" " 5970-5990'.
5½" 17# H. 7825'. Top 7430'. C.P. 7606'.
100 M slots 7768-7708'.
7690-7611'.
7606' whirler cementing collar
10 - 1/2" holes 7570-7550'.
" " " 7510-7490'.

2. Last produced _____ (Date) _____ (Net Oil) _____ (Gravity) _____ (Cut)

The proposed work is as follows:

1. Kill well with mud.
2. Lay cement plug 7580-7400'.
3. " " " 6020-5950'.
4. Shoot and squeeze cement to protect casing at 5535 and 5505'.
5. Mill window in 7" 24# J55 casing from 5510' to 5528'.
6. Set casing whipstock and direct hole approx. 240' up structure through 3rd zone.
7. Run 5" combination liner and C.P. above 3rd zone.
8. Test liner lap for shutoff, and cement if necessary.
9. Shoot 4 - 3/8" holes in 5" liner above 3rd zone, and test for W.S.O.
10. Clean out to bottom and complete.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | Emb | Emb |

BARNSDALL OIL COMPANY
(Name of Operator)

By R. C. Jones
Agent

Redrill

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

M 105. 87730 6-40 11,250
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL & GAS
RECEIVED
AUG 22 1941
LOS ANGELES, CALIF.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-00069

6

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

LOS ANGELES, Calif. AUGUST 19, 1941

DIVISION OF OIL AND GAS

LOS ANGELES, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco #26, Sec. 27, T. 4 N., R. 17 W. S. B. B. & M., NEWHALL-POTRERO Field, Los Angeles County.

Lease consists of

The well is ~~2280' feet N. or S., and 2460' feet E. or W. from S.E. Corner Section 27-4-17~~ 3226.74' S. and 2212.53' E. from Corner "J" (Correction letter 3-3-42)
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ derrick floor above sea level is kelly bushing 1216.75 / 1213.75 / cement mat 1207.75 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7250' feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | Smls. Slip Jt. | 300 | Cemented |
| 7" | 24, 26, & 28# | " H-40 & J-55 | 7250 | Cemented |
| 5-1/2" | 17# | Smls. N-80 | 7550 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address PETROLEUM BUILDING

Telephone number Richmond 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By F. C. Siebert
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18
J.H.S.

Book
8-22-41
J.H.S.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

December 7, 1994

James R. Weddle, Agent
DKM Offshore Energy
1400 Easton Drive, Suite 113
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 27, A.P.I. No. 037-12645, Section 27, T. 4N, R. 17W, S.B. B.& M., Newhall Potrero field, Los Angeles County, dated July 12, 1994, received July 25, 1994, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

svl

By
Patrick J. Kinnear
*Deputy Supervisor*

cc: Conservation Committee
Update

Modified OG159 (4/94)

OPERATOR Tidelands Oil Prod. Co. A.P.I. 037-12645
WELL NO. "Rancho San Franciso" 27 SECTION 27, T. 4 N, R. 17 W
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 3-14-94 | | | | | |
| P-REPORT NUMBER | 294-39 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 7-30-94 | 1-29-05 | | | | |
| SYMBOL | ✦ | ✦ | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-15-94 | | | | | | | | | | | |
| HISTORY | 7-25-94 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. OK | 12-2-94 SPM | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE 12-2-94

FINAL LETTER MAILED OK 12-2-9

INJECTION BOOK _____ REMARKS: _____ RELEASED BOND _____
IDLE WELL LIST _____
SURFACE INSP. CARD _____

OK TO RELEASE FROM CONFIDENTIAL _____
ABANDONED-REMOVED FROM E.D.P. _____

STATE OF CALIFORNIA–THE RESOURCES AGE. PETE WILSON, *Governor*

DEPARTMENT OF CONSERVATION

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

1000 SOUTH HILL ROAD, SUITE 116
VENTURA, CALIFORNIA 93003-4458
(805) 654-4761
TELEFAX (805) 654-4765

August 3, 1994

James R. Weddle, Agent
DKM OFFSHORE ENERGY, INC.
1400 EASTON DRIVE, SUITE 133
BAKERSFIELD, CA 93309

RE: Surface Inspections
Newhall Potrero Field

Dear Mr. Weddle:

On July 29, 1994, surface inspections were conducted on the wells listed below:

| | |
|---|---|
| "Rancho San Francisco" | 50 |
| " | 55 |
| " | 20 |
| " | 22 |
| " | 41 |
| " | 27 |
| " | 31 |
| " | 33 |
| " | 36 |
| " | 38 |
| " | 42 |

The surface inspections for these wells are not approved. The cellars, flow lines, wellheads and scrap metal must be removed and the well sites return to grade. Any contaminated soils must be removed and disposed of properly.

Please notify this office when the surface work has been completed so that a re-inspection can be scheduled. A "Final Letter", which documents approval of the abandonment work will be issued for each of these wells after the surface work has been approved.

Sincerely,

Patrick J. Kinnear
Deputy Supervisor

PJK:SPM

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T294-189

# Report on Operations

James R. Weddle, Agent
DKM OFFSHORE ENERGY, INC.
1400 Easton Dr., Ste. 133
Bakersfield, CA 93309

Ventura, California
July 15, 1994

Your operations at well "Rancho San Francisco" 27, API No. 037-12645, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Poterero Field, in Los Angeles County, were witnessed on 5-27-94. Steve Mulqueen, representative of the supervisor, was present from 0600 to 1300. There were also present Lyle Bowen, Coil tbg unit foreman.

Present condition of well: 13 3/8" cem 303'; 7" cem 7022' WSO, perf 6830' WSO, perf & sqz 100'-102' & 1250'-1252', partially collasped @ 6819', perf 6842'-6928' (sqz off), bad csg 6978'-6981'; 5 1/2" ld 6976'-7299', perf 7048'-7299'. TD 7301'. Plugged w/50 cf of cem below bad csg @ 7000' & w/cem 7000'-6478', 1250'-1015', & 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

svl

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well RSF #27, API No. 037-12645,

Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

commencing work on March 24, 19 94.

The present condition of the well is:

1. Total depth 7305'
2. Complete casing record, including plugs and perforations (present hole)
   See attached wellbore sketch
3. Last produced 12/67 (Date) 23 (Oil, B/D) 47 (Gas, Mcf/D) 25 (Water, B/D)

   or

4. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of fresh water sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

See attached abandonment work program for RSF #27

RECEIVED
MAR 23 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 7130 S. Lewis, Suite 700 (Street)
Tulsa (City) OK (State) 74136 (Zip)
Telephone Number (918) (Area Code) 491-4114 (Number)

DKM Offshore Energy, Inc. (Name of Operator)
By Lee C. Francis (Print Name)
Lee C. Francis (Signature) 3/22/94 (Date)

OG108 (5/90/GSR1/5M)

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED NOV 7 1967 INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall, Calif. November 6, 1967

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San Francisco (#27-1D) 27-3
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall- Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7305'
   PBTD 6925'

2. Complete casing record, including plugs:
   13 3/8" 48# smls. slip joint csg. C. @ 303' w/257 sx.
   7" 24#, 26#, 30#, H-40, J-55 csg. C. @ 7022' w/600 sx.
   4 - 1/2" bullet holes @ 6830' WSO
   4 - 1/2" bullet holes/ft. 6842' - 6898'.
   Shoe test W.S.O.
   5 1/2" 17#, N-80 flush jt. liner @ 7299' w/top of hanger at 7000'
   Perf. w/100M slots 7048' - 7299'. Found top of liner @ 6976' (24' high).

   Cement plug 6925' - 6960'.
   Baker Model "K" C.I. bridge plug @ 6960'.

   17 1/2" hole to 20'.
   17 1/4" hole to 303'. 11" hole to 7305' - total depth.

3. Last produced. 9/67 (Date) 9 (Oil, B/D) 9 (Water, B/D) 17 (Gas Mcf/D)

The proposed work is as follows:

1. Set Model "K" C.I. cement retainer @ 6770'± w/wireline.
2. Squeeze Perforations fr/(6842' - 6898') including WSO hole @ 6830' w/200 sx. of API Class "G" cement premixed w/1% Halad-9. WOC 6 hours.
3. Drill retainer and cement to 6910'±. Pressure test holes to 1500 psi.
4. Continue drilling out cement and CIBP. (Cast iron bridge plug)
5. Run production string and complete well in 3rd zone "A" Block.

* R.S.F. #27-1D will hereafter be referred to as R.S.F. #27-3.

~~Redrill~~ P & A

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | Blanket | ARG | ARG |

23928 Lyons Avenue
Newhall, California 91321
(Address)

805-259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

81988-705 10-66 15M OSP

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
NOV 26 1957
LOS ANGELES, CALIFORNIA

## HISTORY OF OIL OR GAS WELL

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero, Los Angeles County

WELL NO. "Rancho San Francisco" 27-1D, SEC. 27, T. 4N, R. 17W, S.B. B. & M.

SIGNED O. A. Graybeal

DATE November 13, 1957 TITLE O. A. Graybeal, AGENT
(PRESIDENT, SECRETARY OR AGENT)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

DATE

### WORKOVER

1956
8/27 Killed well with crude oil. Removed christmas tree. Installed B.O.P.E. Pulled tubing out of hole.

8/28 Ran in hole with 7" casing scraper. Could not get below 6976'. Assumed liner top at 6976' (24' high). Pulled out of hole.

Ran and set Baker Model "K" C.I. bridge plug at 6960'.

Ran in open ended. Found plug at 6962'. With tubing hung at 6962', changed over from lease crude oil to oil emulsion clay base mud.

CEMENT PLUG #1:
With 2 7/8" tubing hung at 6960' laid 10 sacks Victor modified cement plug mixed at 112#/cu.ft. Pulled up to 6925' and backscuttled out 4 sacks of cement.

8/29 Felt for top of cement plug at 4:00 am. Found plug at 6928'. Held 6000#.

Shot four 1/2" bullet holes at 6830' with B.J. FF-4 5" gun.

TEST #1 ON FOUR 1/2" BULLET HOLES AT 6830' FOR W.S.O.
Packer at 6780' with tail to 6797'. Used 500' water cushion and 3/4" bottom bean.
Opened tool at 1:25 pm for one hour. Had puff blow then dead remainder of test.
Recovered 10' net rise drilling fluid. Chart showed no plugging or pressure buildup.
Flow pressure 250 psi.
Test witnessed and approved by Mr. Dosch of the Division of Oil and Gas. W.S.O.

Ran in and found top of cement plug at 6925'. Pulled up to 6924' and changed over from oil emulsion clay base mud to 69# oil base mud.

8/30 Shot four 1/2" bullet holes per foot from 6842' to 6898' with B.J. 5" FF-4 gun.

Ran and landed 2 7/8" J-55 tubing with three Garrett F.O. valves to 6858.28'.

Removed B.O.P.E. and installed christmas tree.

FORM 105. 70717 4-39 10M.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12645

## Notice of Intention to Drill New Well

3

This notice must be given and surety bond filed before drilling begins

Los Angeles, Calif. September 10, 1941

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #27, Sec. 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is ~~4238~~ 1967.66' S. and ~~4038~~ 1636.90' E. from Corner "J" (Correction letter 3-3-42) ~~feet N. or S., and feet E. or W. from S.E. Corner of Sec. 27-4-17~~
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ derrick floor above sea level is kelly bushings 1157.12, 1154.12, cement mat 1148.12 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7150 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | Smls. Slip Jt. | 300 | Cemented |
| 7" | 24, 26, & 28# | H-40 & J-55 | 7150 | Cemented |
| 5½" | 17# | N-80 | 7400 | Hung |
| | | | | |

Well is to be drilled with ~~cable~~ rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address PETROLEUM BUILDING

Telephone number RIchmond 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By F. C. Siebert
AGENT

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18 Book
9/18/41 9/18/41
Erma Erma

SOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

April 15, 1997

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St., Suite 154
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 28,

A.P.I. No. 037-12646, Section 27, T. 4N, R. 17W, SBB.& M.,

Newhall Potrero field, Los Angeles County,

dated December 23, 1996, received January 6, 1997, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

bmh

cc: Update

Modified OG159 (4/94)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T296-286

# Report on Operations

Bradford A. Dewitt, Agent
Medallion Ca. Properties Co.
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
December 30, 1996

Your operations at well "Rancho San Francisco" 28, API No. 037-12646, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 11-7-96. Paul Cronmiller, representative of the supervisor, was present from 0800 to 1030. There were also present Von Fortenberry, Foreman

Present condition of well: 13 3/8" cem 461'; 7" cem 7390' WSO, perf @ 188', Cavity shot @ 1200'; 5" ld 7328'-8046' perf 7405'-7693'. TD 8048'. ED 7710'. Plugged w/ cem 7704'-7056', 1200'-950' & 188'-10'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

OPERATOR [illegible]
LSE & NO [illegible] 28
MAP 253

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| [illegible]NTION | [illegible] | Abandon | | | | |
| NOTICE DATED | 6-11-79 | 9-17-96 | | | | |
| P-REPORT NUMBER | 279-185 | P296-216 | | | | |
| CHECKED BY/DATE | | a d 8-12-00 | | | | |
| MAP LETTER DATED | | 8-10-00 | | | | |
| SYMBOL | N/C | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 6-26-79 | | 9-24-96 | | | | | | | | | |
| HISTORY | 8-22-79 | | 1-6-97 | [illegible] | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| [illegible]CTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| GR-[illegible] | 9-13-79 | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | [illegible] 4/5/84 | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | |
| OPERATOR'S NAME | |
| WELL DESIGNATION | |
| LOC & ELEV | |
| SIGNATURE | 3-18-97 MD |
| SURFACE INSPECTION | |
| FINAL LETTER OK | |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: _____

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
JUN 26 1979
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #28, API No. 037-12646, Sec. 27, T. 4N, R. 17W, SB B. & M., NEWHALL POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth. 8048'

2. Complete casing record, including plugs and perforations:

13-3/8" SURFACE CSG @ 461'
7" INTM CSG @ 7390'
7" CSG SHOE @ 7390'
5" 18# FJ LINER @ 7328'-8046'
PERFS 7757'-8001'

June 20, 79 MD Gwg Smith

3. Present producing zone name 1,2,3 ZONE 3A POOL Zone in which well is to be recompleted 1,2,3 ZONE 3: POOL, A BLOCI

4. Present zone pressure 600 New zone pressure ~~680~~ 1700

5. Last produced 8-27-78 (Date) 0 (Oil, B/D) 57 (Water, B/D) 12 (Gas, Mcf/D)

or

6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

13-3/8" SURFACE CSG @ 461'
7" INTM CSG @ 7390'
7" CSG SHOE @ 7390'
PERFS 7405'-7490', 7505'-7605', 7620'-7693'
PBTD @ ±7705, CMT PLUG ±7705' TO ±8046'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 LYONS AVENUE (Street)
NEWHALL, CALIFORNIA 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By Jack Andrews/pee 6/20/79 (Name) JACK ANDREWS (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
DEC 15 1952
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. December 3, 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, ~~redrilling, plugging or altering casing~~ at Well No. Rancho San Francisco 28-3, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7,657 feet

2. Complete casing record.

13-3/8" 48# slip joint at 461 feet with 375 sacks.
7" 22, 24, 26 and 28# at 7,390 feet with 600 sacks. W.S.O.
5-1/2" 17# J-55 F.J. liner hung at 7,656 feet, top of adapter at 7,360 feet.

3. Last produced. Jan. 23, 1952 (Date) 140 B/D (Net Oil) 39.4° (Gravity) 0.1% (Cut)

The proposed work is as follows:

1. Kill well, remove Xmas tree and install B.O.P.
2. Pull 2-1/2" production tubing.
3. Pull 5-1/2" liner.
4. Deepen well approximately 280 ft. to base of 3-A Zone.
5. Run 5" 18# J-55 F.J. Combination liner and cement thru perforations above the top of the 3-A Zone. Liner below C.P. point to be shop perforated with 168 - 1/4" round holes per foot.
6. Clean out cement to 10 feet below top of liner and test for shut off.
7. Clean out cement to 10 feet above baffle collar. Shoot four 3/8" holes and test for shut off.

SUNRAY OIL CORPORATION
(Name of Operator)

By R. E. Foss
R. E. Foss, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 103. 70717 4-39 10M.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12646

## Notice of Intention to Drill New Well

7

This notice must be given and surety bond filed before drilling begins

Los Angeles, Calif. October 15, 1941

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #28, Sec. 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is ~~3694~~ 2215.56' S. and 3709.87' E. from Corner "J" (Correction letter 3-3-42) feet N. or S., and ~~1964~~ feet E. or W. from ~~S.E. corner Section 27-4-17~~

(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushings 1299.76 / derrick floor 1296.76 / cement mat 1290.76 above sea level is feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7350 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 -3/8" | 48# | Seamless slip jt. | 300 | Cemented |
| 7" | 24, 26, 28# | Smls. H-40&J-55 | 7350 | " |
| 5-1/2" | 17# | Smls. N-80 | 7550 | Hung |
| | | | | |

Well is to be drilled with ~~chpl~~ rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Petroleum Building

Telephone number RIchmond 5171

Barnsdall Oil Company
(Name of Operator)

By J. C. Hibert
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18

Book
10-14-41

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF CORRECTION OR CANCELLATION

Santa Paula, California

Mr. Jack Andrews, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Oct. 20, 1978

In accordance with OGD3 dated Oct. 6, 1978

the following change pertaining to your well "Rancho San Francisco" 29 (037-12647)

Newhall-Potrero field, Los Angeles County,

Sec. 27, T. 4N, R. 17W, S.B. B. & M., is being made in our records:

☐ The corrected location is

☐ The corrected elevation is

☐ Report No. , dated , has been corrected as follows:

☒ Your notice to alter casing (Drill, abandon, etc.) received March 25, 1977, and our report No. P277-108, issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have a drilling bond on file covering this notice it will be returned. No request for such return is necessary.

☐ Other:

State Oil and Gas Supervisor

By John L. Hardoin, Deputy Supervisor

b

OG 165 (1-77-GSRI-3M)

The Resources Agency of California
Department of Conservation

DIVISION OF OIL AND GAS

**WELL STATUS INQUIRY**

Santa Paula, Calif.

October 6, 1978

DIVISION OF OIL AND GAS
RECEIVED
OCT 20 1978
SANTA PAULA, CALIFORNIA

Mr. Jack Andrews, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, Ca. 91321

In a notice ~~xxxxd~~ received March 25, 19 77, you propose to alter casing
well name and No., "Rancho San Francisco" 29 (037-12647)
Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero
(Field or County)

Please indicate below conditions or intentions regarding this proposed work and return the completed form to this office within 10 days.

____ THIS WORK HAS BEEN DONE. If you check this space, please file the required well records on this work in duplicate within 60 days after work was completed.

____ THIS WORK IS IN PROGRESS AND SHOULD BE COMPLETED ABOUT _____ 19 ____.

____ THIS WORK HAS NOT BEEN DONE, BUT WE STILL INTEND TO DO THE WORK. Please give details. _____

X WE DO NOT INTEND TO DO THIS WORK. Please cancel our notice to repair csg w/cmt squeeze, dated March 19 77.

OCT 19 1978

Signature Jack Andrews
JACK ANDREWS

(Bonds on file covering canceled notices will be returned.)

X OTHER: Well was discovered to have no casing leak as originally suspected.

**NOTE:** Division 3 of the Public Resources Code states in part:
Section 3203, ...If operations have not commenced within one year of receipt of the notice, the notice will be considered canceled. --- Section 3215, ...Well records shall be filed 60 days after completion or suspension of proposed work. ---

RECEIVED
OCT 10 1978
NEWHALL DISTRICT

M. G. MEFFERD
~~XXXXXXXXXXXXXXXX~~
State Oil and Gas Supervisor

By John L. Hardoin
John L. Hardoin, Deputy Supervisor

ljg
OGD3 (6-76-GSRI-1M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
MAR 25 1977
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RSF 29-3, API No. 037-12647, Sec. 27, T. 4N, R. 17W, SB B. & M., Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.
   7553'

2. Complete casing record, including plugs and perforations:

   13 3/8" cmt to 416'

   7" cmt to 7185'
   Perfs at 6970' (WSO) and 6985'-7027', all plugged (squeezed).
   Apparent hole in csg between 7155' and 7165'.

   5 1/2" Liner to 7551'. Hung at 7165'.
   100 mesh slots 7206'-7551'.

3. Present producing zone name 3rd Zone in which well is to be recompleted 3rd

4. Present zone pressure 400 psi New zone pressure 400 psi

5. Last produced 3/17/77 (Date) 54 (Oil, B/D) 13 (Water, B/D) 85 (Gas, Mcf/D)

   or

6. Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf) _____ (Surface pressure, psig.)

The proposed work is as follows:

1) MIRU. Pull tbg.
2) Mill over and recover pkr.
3) Dump sand in liner to ± 7186'.
4) RIH w/Baker Model 'C' pkr. Set pkr at ± 7050'. Squeeze w/± 50 sx cmt. WOC 6 hrs.
5) POOH. RIH w/6" bit. Clean out cmt to 7165'. Pressure test csg. If csg holds pressure, proceed. If not, return to Step 4.
6) Clean out sand from liner. Run tbg and pkr. POP.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Ave. (Street)
Newhall (City) California (State) 91321 (Zip)
Telephone Number (805) 259-2440

Sun Oil Company (Delaware) (Name of Operator)
By D J Van Oden (Name) _____ (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

RECEIVED
JAN 26 1968

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall, Calif. January 25, 1968

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. "Rancho San Francisco" (#29-1D, 3) 29-3
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7553'

2. Complete casing record, including plugs:

13 3/8" 54.5# csg. cmt'd at 416' w/390 sx.
7" 22, 24, 26, and 28#, J-55 csg. cmt'd at 7185' w/600 sx.
WSO at Shoe.
4 - 1/2" Jet Holes at 6970' - WSO.
4 - 1/2" Jet Holes at 6990' - Production Test.
4 - 1/2" JHPF: (6985'-7027'). (Total 168 holes).
7" - 28# Baker Model "D" Permanent Production Packer (7151'-7155').
5 1/2" 17#, N-80 Hydril FJ Liner at 7551' w/top of hanger at 7165'.
Perf w/100M x 2" slots: (7206'-7551').

3. Last produced. 12/67 (Date) 34 (Oil, B/D) 4 (Water, B/D) 542 (3rd zone only) (Gas Mcf/D)

Currently SI - Loaded up.

The proposed work is as follows:

1. Set "DR" plug in Model "D" Packer at 7151'. Pump 2 sx. sand on top of packer.
2. Squeeze-off 1D perfs fr/(6985'-7027') including WSO hole at 6790' w/200 sx. of API Class "G" cement premixed w/1% Halad-9. WOC - 10 hours.
3. Drill out cement and pressure test squeeze to 1500 psi. Hold for 15 min.
4. Retrieve "DR" Plug.
5. Run production string and place well on Plunger Gas Lift.

*R.S.F. #29-1D, 3 will hereafter be referred to as R.S.F. #29-3.

Allen Cowing

MAP | MAP BOOK | CARDS | BOND | FORMS 114 121

ARG ARG

23928 Lyons Avenue
Newhall, California 91321
(Address)

805-259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

61988-705 10-66 15M OSP

FORM 107. 50672 9-51 15M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUN 25 1962
INGLEWOOD, CALIFORNIA

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. June 21, 1962

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. R.S.P. #29-1D, 3
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 13W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.

   7553'

2. Complete casing record.

   13 3/8" 54.5# Casing cemented at 416'.
   7" 22#, 24#, 26#, and 28# Casing cemented at 7185' with 600 sacks W.S.O. at shoe.
   4 - 1/2" Jet holes at 6970' W.S.O.
   4 - 1/2" Jet holes at 6990'
   4 - 1/2" Jet holes per foot 6985-7027' (total 168 holes)
   Baker Model "D" permanent production retainer 7151-7155'
   5 1/2" 17# N-80 Hydril flush joint liner shoe at 7551' with top of hanger at 7165'
   Perforated 7551-7206' with 100 M x 2"

3. Last produced. April 21, 1961 (Date) 29 B/D (Net Oil) 34.7 (Gravity) 3.8% (Cut)

The proposed work is as follows:

1. Kill well.
2. Reperforate 6985' to 7027' with two bullet and two jet holes per foot.

Note: Work was performed in April 1961. Notice of Intention was not submitted through oversight.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray DX Oil Company
(Name of Operator)

By J. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105. 87730 6-40 11,250
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12647

## Notice of Intention to Drill New Well 3

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. December 3, 1941

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco #29, Sec. 27, T. 4N, R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1927.73' S. and 2202.97' E. from Corner "J" (Correction letter 3-3-42) ~~4279 feet N. or S. and 3478 feet E. or W. from S.E. corner Sec. 27-4-17~~
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ derrick floor above sea level is Kelly bushing 1264.87, 1261.87, Cement mat 1255.87 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7200 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 48# | Smls. Slip joint | 400 | Cemented |
| 7" | 24, 26, and 28# | " H-40 & J-55 | 7200 | " |
| 5½" | 17# | " N-80 | 7450 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Petroleum Building

Telephone number Richmond 5171

Barnsdall Oil Company
(Name of Operator)

By J. C. Hubert
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18
SNR

Book
12-8-41
SNR.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

December 7, 1994

James R. Weddle, Agent
DKM Offshore Energy
1400 Easton Drive, Suite 113
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 41, A.P.I. No. 037-12855, Section 27, T. 4N, R. 17W, S.B. B.& M., Newhall Potrero field, Los Angeles County, dated July 12, 1994, received July 25, 1994, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

svl

By Patrick J. Kinnear
Patrick J. Kinnear
*Deputy Supervisor*

cc: Conservation Committee
Update

Modified OG159 (4/94)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator DKM Offshore Energy, Inc. Field or County Newhall Potrero - Los Angeles
Well RSF #41, Sec 27, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-12855 Name Claude D. Fiddler (Person submitting report) Title Agent (President, Secretary or Agent)
Date July 12, 19 94

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

**History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

**Date**

4-6-94 MIRU pulling unit. N/D tree, NU Class II BOPE. Pulled and laid down 2-7/8" and 2-3/8" tubing. Made feeler run to 7,676 ft. POOH. N/D BOPE N/U tree, SIW, RDMO.

5-17-94 MIRU coil tubing unit (CT), RIH w/CT to 7,676 ft, CMTD well w/85 SX (97 CF) Class "G" CMT at 7,676 ft. POOH, RDMO.

5-10-94 RU CTU. RIH TO 6,870 ft, tagged CMT plug, pumped 234 BBL mud into well to 1,075 ft. Pete Wygle, DOGGR, witnessed tag and mudding. POOH w/CT RDMO.

5-25-94 MIRU perforating mast and lubricator. RIH to 1,075 ft, shot 8-1/2" jet holes at 1,075 ft. RDMO.

5-26-94 RU CTU, RIH to 1,075 ft. Established 2/3 BPM injection rate w/water at 600 psi. Squeezed 108 SX (125 CF) Class "G" CMT. Pulled CT to 300 ft, filled hole w/CMT downsqueezed 80 CF into annulus at 2/3 BPM final pressure 700 psi. Steve Mulqueen, DOGGR, witnessed CMTING operations. POOH w/CT. SIW.

5-27-94 RIH w/CT, tagged CMT at 877 ft. Mudded well to 100 ft w/31 BBL 9.8 PPG mud. CMTD well to surface w/85 SX Class "G" CMT. Steve Mulqueen witnessed tag, mudding and surface plug.

RECEIVED
JUL 25 1994
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

NO. T294-190

# Report on Operations

James R. Weddle, Agent
DKM OFFSHORE ENERGY, INC.
1400 Easton Dr., Ste. 133
Bakersfield, CA 93309

Ventura, California
July 15, 1994

Your operations at well "Rancho San Francisco" 41, API No. 037-12855, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 5-27-94. Steve Mulqueen, representative of the supervisor, was present from 0600 to 1300. There were also present Lyle Bowen, Coil tbg unit foreman

Present condition of well: 13 3/8" cem 216'; 7" cem 7505', perf 7498' WSO, perf 100'-102' & 1075'-1077'; 5" ld 7261'-7676', perf 7648'-7518'. TD 7670'. Plugged w/cem 7675'-6870', 1075'-877', & 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

svl

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

RM 105. 70717 4-39 10M.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
OCT 1943
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well 3

This notice must be given and surety bond filed before drilling begins.

037-12855

Los Angeles Calif. Oct. 2 1943

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 41, Sec. 27, T. 4 N, R. 17W, SB B. & M., Newhall Potrero Field, Los Angeles County.

Lease consists of

The well is 1260 feet ~~N.~~ or S., and 1541 feet E. or ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~derrick floor~~ ground above sea level is 930 feet. 918.2 K.B.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7000' feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54 | Slip joint | 300' | Cemented |
| 7" | 23 & 26# | J-55 | 7000 | " |
| 5½" | 17# | N-80 | 7400 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard

Barnsdall Oil Company
(Name of Operator)

Telephone number RI 5171

By J. C. Gilbert
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| | MAP | | | | FORMS | |
|---|---|---|---|---|---|---|
| CC P.A.W. | 18a JLW. | 10-6-43 KW. | EMS | Blanket bond dated 8/25/41 | EMS | EMS |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P205-95

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)

00
(area code)

05
(new pool code)

05
(old pool code)

Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield CA 93308

Ventura, California
May 13, 2005

Your _____ proposal to reperforate well "Rancho San Francisco" 45, A.P.I. No. 037-12858 Sec. 27, T. 4N, R. 17W, SB B.&M., Newhall Potrero field, ---------- area, 1-2-3 pool Los Angeles County, dated 04/26/2005 received 05/11/2005 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. This office shall be consulted before initiating any changes or additions to this proposed operation, or f operations are to be suspended.

SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

Hal Bopp, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

500/DD 05 1.23

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# NOTICE OF INTENTION TO REWORK / REDRILL WELL

P205-95

| C.E.Q.A. INFORMATION (when redrilling or deepening only) | | | |
|---|---|---|---|
| Exempt ☐ | Neg. Dec. ☐ | E.I.R. ☐ | Document not required by local jurisdiction ☐ |
| Class _____ | S.C.H. No. | S.C.H. No. | |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| Bond | Forms OGD114 ✓ | OGD121 ✓ | EDP Well File |
| 250,000 | 111 ✓ | 115 ✓ | |

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill (Circle one) well RSF No. 45 API No. 037-12858
(Well designation)

Sec. 27 T. 4N R. 17W S.B. B.&M. Newhall-Potrero Field

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
See attached program

2. The total depth is: _____ feet. The effective depth is: _____ feet.

3. Present completion zone (s): _____ (Name) Anticipated completion zone (s): _____ (Name)

4. Present zone pressure: _____ psi. Anticipated/existing new zone pressure: _____ psi.

5. Last produced: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

(or)
Last injected: _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☐
**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*
See attached program

RECEIVED
MAY 11 2005
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

For redrilling or deepening: _____ (Proposed bottom-hole coordinates) _____ (Estimated true vertical depth)

**The division must be notified if changes to this plan become necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | (661) 254-2856 | |
| **Address** | **City** | **Zip Code** |
| 26835 W. Pico Canyon Rd. | Newhall | 91321 |
| **Name of Person Filing Notice** | **Signature** | **Date** |
| Alex B. Iwasiw | [signature] | 4/26/05 |

**File In Duplicate**

OG107 (7/97/GSR/5M)

# Medallion California Properties Company

## Well No. RSF 45
**API No.: 037-12858**
**Sec 27, T4N-R 17W**
**Field: Newhall Potrero**

## Clean out across the 3rd zone and re-perforate

## Wellbore History and Data

| | | | |
|---|---|---|---|
| **T.D.:** | 7,629' | **Spud Date:** | 10/21/44 |
| **PBTD:** | 7,627' | **Completion Date:** | 12/14/44 |
| **Casing:** | 13-3/8", 54#, 61# csg | 0' - 240', cmt'd w/ 310 sacks. | |
| | 7", 23# ,26# N-80, J-55 | 0' – 7,629', cmt'd w/ 600 sacks. | |

**W.S.O.:** At 7,285' WNSO, sqz'd with 20 sax. At 7,284' approved.

**Original Perforations:** 7310' - 7325', 7335' - 7365', 7375' - 7,405', 7413' - 7463', 7472' - 7497', 7505' - 7560', 7570' - 7590' with 6 – ½" JHPF (3rd Zone).

**Fish:** None

**Plugs:** None

**Elev:** All depths refer to K.B. measurements, 9.0' above the mat.

## Recommended Procedure

1. MIRU. POOH with rods and DHP.
2. NU BOP's. POOH with 2 7/8" 6.5# EUE.
3. PU 6" bit, 7" casing scraper and 2 7/8" EUE tubing clean out to 7627', POOH.
4. RIG up wire line, run CNL logs across 3rd zone sands.
5. RU wire line perforators. Perforate the following 3rd zone intervals with 5 - ½" JHPF:

   7310' to 7590' select intervals from CNL log.

6. Rig down perforators.
7. PU and GIH with BHA and tubing anchor on 2 7/8" tubing string.



05/11/2005 08:57 6612548542 MEDALLION CA. PROP. PAGE 03/05

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

2

037-12858

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. Sept. 15, 1944

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #45, Sec. 27, T. 4 N., R. 17 W., SB. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1968 feet N. or S., and 2962 feet E. or W. from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / derrick floor / ground above sea level is 1196 / 1193 / 1187.43 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7400 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8 | 54.50 | Smls.slip joint | 300 | Cemented |
| 7" | 23 & 26# | J55 & N80 | 7400 | " |
| 5" | 15 | J55 | 7700 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.
Los Angeles 15, Calif.

Telephone number Richmond 5171

Barnsdall Oil Company
(Name of Operator)

By R. E. Fox.
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP | CARDS | | FORMS | |
|---|---|---|---|---|---|
| 18-A SNR | 18-A SNR 10-2-44 | Emb | Blanket 8-25-41 | Emb | Emb |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, California

April 7, 1987

Mr. F. E. Armijo, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 46 (Name and number), A.P.I. No. 037-12859, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 3-25-87, received 3-30-87, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

Cons. Comm.
b

| MAP | MAP BOOK | CARDS | BOND | EDP | TORNS 114 | TORNS 1[illegible] |
|---|---|---|---|---|---|---|
| 253 (NE¼) | pmc 4/23/87 | | — | ✓ | — | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By Michael Stettner
Acting Deputy Supervisor

MICHAEL STETTNER

OG159 (11/82/GSR1/8M)

OPERATOR Sun Oil Co
WELL NO. "Rancho San Francisco" 46
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | abd | | | | | |
| NOTICE DATED | 8-2-86 | | | | | |
| P-REPORT NUMBER | 286-256 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | pmc. 4/28/87 | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 8-5-86 | | | | | | | | | | | |
| HISTORY | 3-30-87 | | | | | | | | | | | |
| SUMMARY | 3-30-87 | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. | OK pmc 3/2/87 | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE BW

FINAL LETTER OK
MAILED 4-7-87
RELEASED BOND BB

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator: Sun Exploration and Production Company, Sun Production Division — Field or County: Newhall-Potrero
Well: RSF #46 — Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12859 — Name: F. E. ARMIJO (Person submitting report) — Title: Agent (President, Secretary or Agent)
Date: 3-25, 1987

Signature: F. E. Armijo

Box 55060, Valencia, California 91355-0560 (Address) — (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1987 | |
| 2/14 | (P&A)/7" 23, 26 & 30# CSG @ 7701'/5" 18# LNR FRM 7352-7933/PBTD 7728/PERFS 7357-7680 IN 3RD ZONE/2-7/8" 6.5# J-55 TBG/LAST TEST 4 BOPD, 188 BWPD, Ø MCF/ MIRU OILWELL SERVICE RIG #30/ND TREE & INSTL CL II BOPE/TESTED TO 2000 PSI, OK/PU ON TBG & REL BKR MOD "E" PKR @ 7319/POH w TBG LAYING DN GLV'S & PKR/MU 2-3/8" SAWTOOTH CLR & PICKED UP 13 JTS 2-3/8" 4.7# TBG/RIH ON 2-7/8" TBG TO TOP OF FILL @ 7701/PU TO 7200 & SDFN/ |
| 2/15 | BLEED WELL DN/RIH, TAG FILL @ 7693/PU TBG TO 7691/RU HOWCO/PMP 10 $FT^3$ LW AHEAD, FOLOWD BY 66 $FT^3$ CL "G" CMT w 0.5% FLUID LOSS/FRICTION REDUCER/DISP TBG w 230 $FT^3$ LW/PU TO 6650, BKSC 77 BBLS/WOC/RIH w TBG, TAG TOC @ 7285 (PLUG TO BE @ 7252)- D.O.G. DISAPPROVE/PU TBG TO 7280/RU HOWCO/UNABL TO PMP, TBG PLUSSED/POH LD BTM JT OF PLUGGED TBG/RIH w TBG TO 7260 HOWCO PMP 10 $FT^3$ $H_2$ AHEAD, FOLOWD BY 7 $FT^3$ CMT w 0.5% RET/FRICT REDUCER/DISP TBG w 233 $FT^3$ LW/PU TBG TO 6950/BKSC CLN/SIFN/ |
| 2/16 | RIH w TBG/TAG TOC @ 7192/D.O.G. WITNESS & APROV PLUG/CHG HOLE OVR TO 72# MUD (D.O.G. WITNESS WEIGHT)/POH w 2-7/8", 2-3/8" TBG, LD SAWTOOTH CLR/SIFN/ |
| 2/17 | ATTEMPT TO RU DIALOG/TOO WINDY-UNSAFE/SIFN/ |
| 2/18 | RU DIALOG/RIH w 4" NITRO-GEL CAVITY SHOT TO 725/SHOOT CAVITY SHOT-POH/RIH w TBG TO 725/RU HOWCO/PMP 10 $ft^3$ $H_2O$ AHEAD, FOLOWD BY 84 $ft^3$ CMT/DSISP w 7½ $ft^3$ $ft^3$ 72# MUD, PU TO 315/PMP 10 $ft^3$ $H_2O$ AHEAD, FOLLOWED BY 41 $ft^3$ CMT/DISP w 2 $ft^3$ 72# MUD/PU TBG $^3$TO 120', BKSC POH/SIFN/ |
| 2/19 | RIH w TBG, TAG TOC @ 220/POH/RU DIALOG/RIH w 7" JET CUTTER, CUT CSG @ 86' POH/RIH w 7" SPEAR, POH & LD CSG/RIH w TBG TO 90'/RU HOWCO/PMP 94 $ft^3$ CMT TO SURFACE/ D.O.G. WITNESS CMT TO SURFACE/LD TBG/SECURE RIG, UNABL TO LD DUE TO WINDS/SIFN/ |
| 2/20 | RDMO/DROP FRM REPORT PENDING SURFACE RESTORATION AND FINAL D.O.G. APPROVAL/ |
| 2/26 | CUT SURFACE CSG @ -5 FT, REMOVE CELLAR AND LINES, CLEAN & BACKFILL LOCATION/ D.O.G. FINAL APPROVAL/ FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 287-56

# DIVISION OF OIL AND GAS

## Report on Operations

F. E. Armijo, Agent
SUN EXPLORATION & PROD. CO.
P.O. Box 55060
Valencia, CA 91355

Ventura Calif.
February 24, 1987

Your operations at well "Rancho San Francisco" 46, API No. 037-12859, Sec. 27, T. 4N, R. 17W, S.B.B.& M. Newhall-Potrero Field, in Ventura County, were witnessed on 2-18-87. Bill Winkler, representative of the supervisor, was present from 1400 to 1600. There were also present Bob Lomas

Present condition of well: 13 3/8" cem 460'; 7" cem 7696', cut & pulled Fr 86'; 5" Ld 7352' to 7935', perf 7717', & 7725' WSO, perf at intervals 7408' to 7680', bridge plug @ 7728'. TD 7935' plugged w/cem 7691' to 7192', 725' to 220' & 90' to 5' cavity shot at 725'.

The operations were performed for the purpose of ABANDONMENT.

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

Surface Inspection
OK - J Ceccarelli
3/2/87

mep

M. G. MEFFERD
By Michael Stettner
Michael Stettner

OG109 (3/83/GSR1/15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 286-256

500
(field code)
00
(area code)
05
(new pool code)
05
(old pool code)

# PERMIT TO CONDUCT WELL OPERATIONS

Stanley W. Blossom, Agent
Sun Exploration & Prod. Co.
P.O. Box 55060
Valencia, CA 91355

Ventura, California
August 11, 1986

Your _____ proposal to abandon well "Rancho San Francisco" 46, A.P.I. No. 037-12859, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, any area, 3rd pool, Los Angeles County, dated 8/2/86, received 8/5/86 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class II 2M shall be installed and maintained in operating condition at all times.
3. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
4. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS the clean out depth.
   b. TO WITNESS the filling of the hole with mud fluid.
   c. TO WITNESS the placing of the cement plug from 7728' to 7252' or above.
   d. TO WITNESS the location and hardness of the cement plug at 7252'.
   e. TO WITNESS the nitro-gel cavity shot.
   f. TO WITNESS the placing of the cement plug from 775' to 675' or above.
   g. TO WITNESS the location and hardness of the cement plug at 675'.
   h. TO WITNESS the placing of the cement plug from 150' to 5'.
   i. TO INSPECT the well site after cleanup and restoration operations are completed.

MS:ljg

Engineer Mike Stettner

Phone (805) 654-4761

M. G. MEFFERD, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

AUG 5 1986
VENTURA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | 33 | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco #46, API No. 037-12859, Sec. 27, T. 4N, R. 17W, MD B. & M., Newhall Potrero Field, Los Angeles County, commencing work on August 11, 19 86.

The present condition of the well is: SIO

1. Total depth: 7935'

2. Complete casing record, including plugs and perforations:

See Attachment 'A'

3. Last produced 2/86 (Date) 2 (Oil, B/D) 17 (Gas, Mcf/D) 190 (Water, B/D)

or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 725'

The proposed work is as follows:

See Attachment 'B'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 West Rye Canyon Road (Street)
Valencia (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) (Area Code) 257-6200 (Number)

SUN EXPLORATION & PRODUCTION CO (Name of Operator)
By STANLEY W. BLOSSOM (Print Name)
Stanley W Blossom (Signature) 8-2-86 (Date)

OG108 (11-78-GSRI-5M)

FORM 107

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
APR 2 1964
INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. April 1, 1964

DIVISION OF OIL AND GAS - Inglewood

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. R.S.F. #46-3A
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.
   7937'

2. Complete casing record, including plugs:
   13 3/8" 54.5# & 61# Casing at 460'. Cmt w/350 sx.
   7" 23, 26, & 30# J-55, N-80 Casing at 7697' w/600 sx.
   W.S.O. at 7375' witness & approved by D.O.G. 2/21/45
   5" 18# J-55 F.J. liner at 7935', hangar at 7352'
   cmt thru perfs at 7755' w/30 sx.
   4 - 3/8" Holes at 7357' squeezed w/445 sx.
   4 - 3/8" Holes at 7725' squeezed w/20 sx.
   4 - 3/8" Holes at 7717' W.S.O.
   168 - 1/4" RHPF 7757-7911'.

3. Last produced. 3/64 (Date) 7 (Oil, B/D) 5 (Water, B/D) 1150 MCF/D (Gas)

The proposed work is as follows: Suspend 3A Zone and Recomplete to 3rd Zone

1. Set 5" C.I. bridge plug at 7735' on wire line.
2. Perf. 5" liner 7408-18', 7455-505', 7515-60', 7570-625', 7645-60', 7670-80'.

* After the work has been completed,
Note: Subject well shall ~~(hereafter)~~ be designated as "Rancho San Francisco" R.S.F. #46-3.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | [illegible] | [illegible] | [illegible] |

* Zulberti
Juan Hinkle

Route #1, Box 128, Newhall, California
(Address)

805-259-2440
(Telephone No.)

Sunray DX Oil Company
(Name of Operator)

By H. D. Ferguson
H. D. Ferguson, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

71443 8-62 10M (2) SFO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 152-518

Los Angeles 15

Mr R E Foss xxxxx Calif. April 28 1952

~~XXX~~ 714 West Olympic Boulevard

LOS ANGELES 15 Calif.

121

Agent for SUNRAY OIL CORPORATION

DEAR SIR:

Operations at your well No. 46-3 Sec. 27, T. 4 N., R. 17 W., S B B. & M., "Rancho San Francisco" Newhall-Potrero Field, in Los Angeles County, were witnessed by V. F. Gaede, Inspector, representative of the supervisor, on April 18, 1952. There was also present R. Hanna, Driller; L. Kyle, Derrickman.

Casing Record 13-3/8" cem. 460'; 7" cem. 7697'; perf. 7680'-7405'; c.p. 7370', 7374', 7372', 7369'; four 3/8" holes 7375', W.S.O.; T. D. 7720', plugged with cement 7697'-7685'.

Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 5:00 p.m. and Mr. Hanna reported: that the hole was cleaned out to 7677'.

THE INSPECTOR NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. The controls for the above equipment were located outside the derrick.
3. A 2" mud fill-up line with a 2" high pressure stopcock into the 7" casing below the above equipment.

The inspection was completed at 5:15 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

VFG:OH

cc Company

4/30/52
Williamson/ERMA
Co. planned pressure test on splice. I told him f.t. was required — They will notify us when test is ready
Erma

R. D. BUSH
State Oil and Gas Supervisor

By [signature] Deputy

56241 1-52 17,500 ② SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
APR 2 1952
LOS ANGELES

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given fifteen days before work begins when possible

Newhall Calif. March 31, 1952

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, ~~redrilling, plugging or altering casing at~~ Well No. Rancho San Francisco #46-3, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Complete casing record.

13-3/8" 54.5# & 61# slip jt. csg. C.460' w/350 sx.
7" 23#, 26# & 30# J-55 & N-80 csg. C.7697' w/600 sx.
11" hole to 7720' Plugged w/cmt. 7697' - 7685'
4-3/8" holes @ 7370' squeezed 31 sx. of cmt. away.
4-3/8" holes @ 7374' " 4 sx. " " "
2-3/8" holes @ 7372' " 12 sx. " " "
4-3/8" holes @ 7369' " 24 sx. " " "
4-3/8" holes @ 7375' W.S.O.
7" Csg. gun perforated 7405' - 7680' w/6-1/2" holes/ft.

2. Last produced 5-13-49 (Date) 99 B/D (Net Oil) 32.6° (Gravity) 0.8% (Cut)

The proposed work is as follows:

1. Drill out cmt. plug 7697' - 7685'.
2. Drill ahead to approximately 7926' (Base of duplicated 3rd. Zone)
3. Run 5" combination liner cmt'd thru baffle collar at about 7726' and hung at about 7370' or above. Liner below baffle collar to be shop perforated w/168-1/4" rd holes per ft. under cut to 3/8". Liner above baffle collar to be blank.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY OIL CORPORATION
(Name of Operator)

By R. E. Foss
R. E. Foss, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107

SUBMIT LOG IN DUPLICATE

FILL ... BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF ... Y

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

JAN 25 1946
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL POTRERO

Well No. Rancho San Francisco #46 Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Location 2641' S. & 4240' E. of Corner J Elevation of K.B. / derrick floor / ground above sea level 1308 / 1303 / 1296.93 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date January 23, 1946 Signed R. E. Foss

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 12-26-44 Completed drilling 2-26-45 Drilling tools ~~Cable~~ Rotary

Total depth 7720 Plugged depth 7685

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 2-26-45 (date) Flowing ~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 375 | 32.6 | 0.1 | 341 | 175 | Pkr. |
| Production after 30 days | 303 | 33.5 | " | 368 | 525 | " |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 460 | 0 | 54 & 61 | New | Smls. | Slip Jt. | 17½ | 350 | 7369 |
| 7" | 7696 | 0 | 23,26&30 | " | " | J-55&N-80 | 11 | 600 | 7370 |
| | | | | | | | | | 7372 |
| | | | | | | | | | 7374 |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of holes | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 7680 ft. | 7670 ft. | ½" hole | 60 | 2" | Gun |
| | 7660 ft. | 7640 ft. | " | 120 | " | " |
| | 7625 ft. | 7665 ft. | " | 360 | " | " |
| | 7555 ft. | 7515 ft. | " | 240 | " | " |
| | 7505 ft. | 7455 ft. | " | 300 | " | " |
| | 7425 | 7405 | " | 120 | " | " |

Electrical Log Depths 460' to 7717' (Attach Copy of Log)

M 103.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
JAN 25 1946
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL POTRERO

Well No. Rancho San Francisco 46, Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fors.

Date January 25, 1946 Title Agent
(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. **Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production.** Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

| Date | |
|---|---|
| **1944** | |
| 12-26 | Spudded in. Drilling 11" hole. |
| 27 | Depth 500'. Reamed to 17½" hole to 460'. Cemented 13 3/8" 54 & 61# slip joint casing at 460', with 300 sacks cement. |
| 28 | Found top of cement on outside at 85'. Cemented to surface with 50 sacks additional. |
| 29 | Found top of cement in 13 3/8" casing at 448'. Drilled out and drilled ahead with 11" bit. |
| **1945** | |
| 2-8 | Depth 7720'. Ran elec. log to 7717'. |
| 2-9 | Cemented 7" 23, 26, and 30# casing at 7696' with 300 sx. cement. |
| 2-13 | Found top of cement at 7592'. Perforated 4 - 3/8" holes at 7370' with 4½" McCullough gun. Set JFT at 7333' with tail piece to 7353'. Tester open 1 hour thru 3/8" bean with fair steady blow thru-out. Recovered 8 stands gassy, oily mud, and 21 stands muddy gassy water, equivalent to 14.9 barrels. Test witnessed by J.L.White of DO&G, WNSO. |
| 2-14 | Squeeze cemented thru Baker type R retainer set at 7351', with 35 sx. cement. Final pressure 2000#. Estimated 31 sacks to formation. |
| 2-15 | Found cement at 7375'. Drilled out and cleaned out to 7592'. |
| 2-16 | Perforated 4 - 3/8" holes at 7374' with 4½" McCullough gun. Set Johnston tester at 7329' with tail piece to 7345'. Tester open 1 hour and 5 min. thru 3/8" bean. Blow: light puff 1 minute<br>Fair, steady 59 minutes<br>Light, heading 5 minutes.<br>Recovered 1 stand gas and gas cut mud; 11 stands frothy emulsified oil and water. Salinity 116 G/G. Test witnessed by J. L. White of DO&G. WNSO. |
| 2-17 | Squeeze cemented thru Baker type K retainer set at 7353', with 25 sx. cement. Final pressure 4500#. Estimated 8 sacks to formation. |
| 2-18 | Found top of cement at 7351'. Drilled out cement and retainer. Perforated 2 - 3/8" holes at 7372' with 4½" McCullough gun. Set |

M 105
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12859

## Notice of Intention to Drill New Well 8

This notice must be given and surety bond filed before drilling begins

RECEIVED DEC 13 1944

Los Angeles Calif. December 7, 1944

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 46, Sec. 27, T. 4 N., R. 17 W., SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2641' feet ~~N.~~ or S., and 4240 feet E. or ~~W.~~ from Corner "J"
E. B. (Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor / ground above sea level is 1306 / 1303 / 1296.93 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7500 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 5/8" | 54.5 | Smls. slip jt. | 250 | Cemented |
| 7" | 23 & 26 | J-55 & N-80 | 7800 | " |
| | | | | |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

Barnsdall Oil Company
(Name of Operator)

Telephone number RI 5171

By R. E. Foss
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18a JLW. | 12.13.44 JLW. | [illegible] | [illegible] 7-2-5-41 | [illegible] | [illegible] |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

May 14, 2001

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 47,

A.P.I. No. (037-12860), Section 27, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated February 20, 2001, received March 26, 2001, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 8, 2001.

2. Site inspection made and approved April 30, 2001.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

tkc

OG159 (4/98)

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator **Medallion California Properties Co.** Field **Newhall-Potrero** County **Los Angeles**

Well **"Rancho San Francisco" 47** Sec. **27** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-12860** Name **Alex Iwasiw** (Person submitting report) Title **Agent** (President, Secretary or Agent)

Date **February 20,** , 20 **01**

Signature

**26835 W. Pico Canyon Road Newhall, CA 91321** (Address) **(661) 254-2856** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 10-31-00 | Move in, rig up. Guy out rig; need spool for B.O.P.E. Shut crew down and help load workstring on tubing trailers. E.O.T. |
| 11-1-00 | Install B.O.P.E. Unset packer. Pull out of hole with tubing and packer. Close well in. |
| 11-2-00 | Open well. Run in hole and tag clean-out at 7,795′. Mix and pump 80 ft³ of 50/50 poz with 35% silica flour and 4% gel. Displace 35 barrels of water and pull 30 stands of tubing. Close well in. |
| 11-3-00 | Open well. Run in hole and tag cement plug at 7,378′; witnessed by Brad Hesson of D.O.G.G.R. Pump 108 barrels of mud, pull 92 joints of 2⅞″ tubing, laying down. Set tubing at 7,328′, while pumping mud. (No mud) Close well in. |
| 11-6-00 | Open well. Continue pumping mud at 140 barrels (total mud = 248 barrels). Mud from 7,328′ to 1,100′. Pull out of hole and lay down tubing. Remove B.O.P.E. Rig down, move off. |
| 12-18-00 | Move in, rig up wireline. Run in hole with 4-½″ j.s.p.f., fire @ 1,100′. Pull out of hole with wireline. Rig down, move off. |
| 12-19-00 | Move in, rig up. Run in with coil tubing to 1,100′, establish circulation. (9 barrels of water; fill casing). Close well in and down squeeze with water (2 barrels per minute at 1,600 p.s.i.). Mix and pump 82 ft³ "43 sacks" of cement with 50/50 poz with 35% silica flour and 4% gel. Displace coil and pull to 750′. Close well in and down squeeze cement with 8 barrels of water. Theoretical top of cement at 900′ ±. Pull out of hole with coil tubing. Steve Malqueen of D.O.G.G.R. witnessed depth at 1,100′, et cementing and squeeze. Cement in place at 1:50 p.m. Rig down, move off. |
| 12-20-00 | Open well. Run in with coil tubing. Tag cement at 971′ and pump 34 barrels of mud. (Clay base #72 / abandonment mud 9.6# weight). Displace coil and pull out of hole. Steve Malqueen of D.O.G.G.R. witnessed tag at 971′ and mudding from 971′ to 100′. T.O.M. at 100′. Rig down, move off. |
| 12-26-00 | Move in, rig up wireline. Run in hole with 4-½″ j.s.p.f., fire @ 1,100′. Pull out of hole with wireline. Rig down, move off. |
| 1-8-01 | Move in, rig up. Establish circulation with water down 7″. Return 13⅝″, mix and pump 107 ft³ "93 sacks" of "G" neat (7″ and 13⅝). Full of cement and in place at 11:30 a.m. Cement job witnessed by Steve Malqueen of D.O.G.G.R. Rig down, move off. |
| 1-22-01 | Dig out cement. |
| 1-24-01 | Blast cement. |

MAR 2 6 2001

(DG103)

| | |
|---|---|
| 2-7-01 | Cut off casing. |
| 2-9-01 | D.O.G.G.R. Ok'd plugs. Backfill location and clean location. Complete site restoration. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T201-11**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 24, 2001

Your operations at well **"Rancho San Francisco" 47,** API No. **037-12860,** Sec. **27**, T. **4N**, R.**17W**, S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **01-8-2001. Steve Mulqueen,** representative of the supervisor, was present from **1000** to **1100**. There were also present **Alex Iwasiw.**

Present condition of well: **13 3/8" cem 319'; 7" cem 7498' wso, cp 100' & 1100'; 5 ½" ld 7477'-7812', perfs 7524'-7812'. TD 7824'. Plugged w/ cem 7795'-7378', 1100'-971' & 100'-5'.**

**The operations were performed for the purpose of abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

P200-244

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | 100,000 | ✓ | ✓ |

## DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco No. 47, API No. 04-037-12860, Sec. 27 T. 4N, R. 17W, S. B. B. & M., Newhall Potrero Field, Los Angeles County, commencing work on October 30, 20 00.

The present condition of the well is:

1. Total Depth **See Attached Program**
2. Complete casing record, including plugs and perforations (present hole)

   **See Attached Program**

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   (or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data or dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

**SEE ATTACHED PROGRAM**

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 26835W. Pico Canyon Road (Street)
Newhall, CA 91321 (City) (State) (Zip)

Telephone Number ( 661 ) 254 - 2856 (Area Code) (Number)

Medallion California Properties (Name of Operator)

By Alex Iwasiw (Print Name)

[signature] 10-27-00 (Signature) (Date)

May 25, 2000

**Medallion California Properties, Inc.**
**Well: RSF No. 47**
**API No.: 037-12860**
**Sec 27, T 4N, R 17W**
**Program to Re-Perforate theThird Zone**
**Field: Newhall Potrero**

**Background**

The well was drilled and completed in the 3rd zone in 1945. The well was produced from 1945 to 1978 using gas lift and down-hole rod pump systems. In April of 1978 the well was converted to water injection service and has been used as an injection well to this day. The recent injection history of RSF NO. 47 indicates a well that has taken water at low injection rates and high injection pressures. The well has been acidized on an annual basis. These acid jobs provide short term relief, but soon after each, the poor injectivity characteristic returned.

Medallion Caifornia Properties now proposes to re-perforate selected intervals of the third zone using expendable deep penetrating perforating jets.

**Mechanical Condition**

**T.D.:** 7,824'

| | | |
|---|---|---|
| **Casing:** | **13-3/8", 54.5# csg** | 0' - 319', cmt'd w/ 250 sax |
| | **7", 23#, 30# csg** | 0' – 7,498', cmt'd w/ 600 sax |
| | **5-1/2", 17# lnr** | 7,477' – 7,812', hung |

**W.S.O.:** At 7,498'

**Effective Perforations:** 7,524' to 7,812', 100M x 2" x 12R x 6C

**Plugs:** None

**Elev:** All depths refer to K.B. measurements, 13' above the mat

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12860

## Notice of Intention to Drill New Well 2

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. Feb. 1, 1945

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 47, Sec. 27, T. 4 N, R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1974.41 feet ~~N.~~ or S., and 3562.31 feet E. or ~~W.~~ from Corner "J"
Kelly Bushing (Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor / ground above sea level is 1202 / 1199 / 1193 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7500 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.50 | Slip Joint | 300 | Cemented |
| 7" | 23,26 & 30 | J-55 & N-80 | 7800 | " |
| | | | | |
| | | | | |

Well is to be drilled with ~~rotary~~ / ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 West Olympic Blvd.

Barnsdall Oil Company
(Name of Operator)

Telephone number RI 5171

By R. E. Fox

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP CODE | CARD | BOND | ADDRESS | |
|---|---|---|---|---|---|
| 18a JLW | 2-6-45 JLW, | [illegible] | Blanket 8-25-41 | [illegible] | [illegible] |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, California

May 2, 1986

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 48 (Name and number), A.P.I. No. 037-12861, Section 27, T. 4N, R. 17W, SB B. & M., Newhall-Potrero field, Los Angeles County, dated 4-17-86, received 4-18-86, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

Cons.Comm.
b

| MAP | MAP BOOK | CARDS | BOND | DOP | ROPA | |
|---|---|---|---|---|---|---|
| 253 | pmc 5/7/86 | | BB | OK | — | ✓ |

M. G. MEFFERD
*State Oil and Gas Supervisor*

By Murray W. Dosch
*Deputy Supervisor*

Murray W. Dosch

OG159 (11/82/GSR1/8M)

OPERATOR Lu Oil
LSE & NO RSF 48
MAP NO. 253

| INTENTION | set csg & comp to WF 1 | ABANDON 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| NOTICE DATED | 2-20-78 | 2-24-86 | | | |
| P-REPORT NUMBER | 278-74 | 286-67 | | | |
| CHECKED BY/DATE | | | | | |
| MAP LETTER DATED | 8/4/79 | map 252 pmc 5/7/86 | | | |
| SYMBOL | ♂ | ♂ | | | |

| NOTICE | 2-21-78 REC'D | NEED | 2-25-86 REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|
| HISTORY | 9-27-78 | | 4-18-86 | | | | | | | |
| SUMMARY | – | | 4-18-86 | | | | | | | |
| IES/ELECTRIC LOG | – | | | | | | | | | |
| DIRECTIONAL SURV. | – | | | | | | | | | |
| CORE/SWS DESCRIP. | – | | | | | | | | | |
| DIPMETER RESULTS | – | | | | | | | | | |
| OTHER | – | | | | | | | | | |
| Inj surv | 11-2-78 | | | | | | | | | |
| RECORDS COMPLETE | JR | | 4-25-86 | SPM | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR"S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC. & ELEV. | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | OK pmc 3/31/86 |
| LINAL LETTER OK | 5/2/86 |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____

FINAL LETTER MAILED 5-2-86

RELEASE BOND BB

REMARKS:

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator Sun Exporation and Production Company Sun Production Division Field or County Newhall Potrero
Well Rancho San Francisco 48, Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12861 Name STANLEY W. BLOSSOM (Person submitting report) Title Agent (President, Secretary or Agent)
Date 4-17, 1986

Signature Stanley W Blossom

Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1986 | |
| 3/21 | TD 7721'/7", 23# & 30# J-55 N-80 CSG @ 7425'/5½" 17# N-80 LNR 7395'-7690'/PERFS 100M x 12R x 6"C x 2"S FRM 7467'-7489' & 7523'-7688'/3RD ZONE/WELL RECOMMENDED TO BE P&A/<br>MIRU WELLTECH RIG #351/REMOVED WELLHEAD/HAD WELDER CUT OUT STUDS/INSTALL CLASS II BOPE/RIGGED UP TO PULL TUBING/WORKED PKR LOOSE/POH, W/TBG, LAY DN., PKR AND SWEDGE/RIH W/2-7/8" TBG, TAG FILL @ 7595', PULLED TO 7580'/SIFN/ |
| /22 | RIG UP DOWELL/PMPD 120 CF CLASS "G" CMT W/0.5% CFR-2 & 0.1% HR-7/DISPL W/37 BBLS WTR/PULLED TBG TO 6528', BACKSCUTTLED TBG W/60 BBLS OF WTR/RIH, TAG TOC @ 6959'/ DOG WITNESSED TAG/CHANGE HOLE OVER TO 80# MUD/DOG WITNESSED/PULLED AND LAID DN 231 JTS OF TBG/SI WELL FOR WEEKEND/ |
| 3/23 | NO ACTIVITY/ |
| 3/24 | NO ACTIVITY/ |
| 3/25 | RIG UP PENGO, MADE CAVITY SHOT @ 550'/RIH W/TBG TO 550', DOWELL PMP 105 CF CMT PLUG/POH, WOC/TAG CMT @ 276', OK BY DOG/PENGO RAN 7" CSG CUTTER AND CUT CSG @ 66'/FILL HOLE W/MUD/PULL BOP AND 66' OF 7" CSG/W/TBG @ 180', DOWELL PMP 105 CF CMT TO 5' OF SURFACE/OK BY DOG/RIG DOWN/RELEASE RIG @ 6:00 PM 3-24-86/DROP FRM REPORT PENDING SURFACE CLEAN UP AND ABANDONMENT/ |
| 3/31 | SURFACE CLEANUP & RESTORATION WRK COMPLETED AND APROVD BY PAM CECCARELLI OF D.O.G./FINAL REPORT/ |

DIVISION OF OIL AND GAS
RECEIVED
APR 18 1986
VENTURA, CALIFORNIA

OG103 (4-77-GSR1-10M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 286-93

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Ventura Calif.
March 27, 1986

Your operations at well "Rancho San Francisco" 48, API No. 037-12861, Sec. 27, T. 4N, R. 17W SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 2/24/86. Ms. Ceccarelli, representative of the supervisor, was present from 1500 to 1530. There were also present Randy Taylor, Well Tech and J. Burt, Sun Rep.

Present condition of well: 13 3/8" cem 266'; 7" cem 7425', cav shot 550', pulled fr 66'; 5 1/2" ld. 7395-7690', perfs 7467-7489' and 7523-7688'. TD 7721'. Plugged w/cem 7580-6959', 550-276', 180-5'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

M. G. MEFFERD

Murray W. Dosch

Murray W. Dosch

OG109 (9/83/GSR1/15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 286-67

500 (field code)

00 (area code)

20 (new pool code)

20 (old pool code)

# PERMIT TO CONDUCT WELL OPERATIONS

WATERFLOOD

Stanley W. Blossom, Agent
Sun Exploration & Production Co.
25322 W. Rye Canyon Road
Valencia, CA 93155-0560

Ventura, California
March 3, 1986

Your _____ proposal to abandon well "Rancho San Francisco" 48, A.P.I. No. 037-12861, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, any area, 3rd pool, Los Angeles County, dated 2/24/86, received 2/25/86 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class II 2M shall be installed and maintained in operating condition at all times.
3. All portions of the hole not plugged with cement shall be filled with inert mud fluid having a minimum density of 72 lbs.cu.ft. and a minimum gel shear strength (10 min) of 20 lbs./100 sq.ft., (30 sacks of Bentonite per 100 bbls. of water).
4. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
5. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS the clean out depth.
   b. TO WITNESS the placing of the cement plug below and above the packer.
   c. TO WITNESS the filling of the hole with mud fluid.
   d. TO WITNESS the location and hardness of the cement plug at 450'.
   e. TO WITNESS the placing of the cement plug from 30' to 5'.
   f. TO INSPECT the well site after cleanup and restoration operations are completed.

MS:ljg

Engineer Michael Stettner

Phone (805) 654-4761

M. G. MEFFERD, State Oil and Gas Supervisor

By Michael Stettner
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (3/85/DWRR/5M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | ✓ | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco 48, API No. 037-12861, Sec. 27, T. 4N, R. 17W, MD B. & M., Newhall Potrero Field, Los Angeles County, commencing work on 2-28, 19 86.

The present condition of the well is: STG

1. Total depth: 7721' TD

2. Complete casing record, including plugs and perforations:
See Attached.

3. Last produced N/A
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected 5/85 252 N/A 2900
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 550'

The proposed work is as follows:

See Attached.

DIVISION OF OIL AND GAS
RECEIVED
FEB 25 1986
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 West Rye Canyon Road
(Street)
Valencia CA 91355-0560
(City) (State) (Zip)

Telephone Number (805) 257-6200
(Area Code) (Number)

SUN EXPLORATION & PRODUCTION CO
(Name of Operator)

By STANLEY W. BLOSSOM
(Print Name)

Stanley W. Blossom 2-24-86
(Signature) (Date)
by TW

OG108 (11-78-GSRI-5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 278-342

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. Jack Andrews, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Santa Paula, Calif.
Nov. 7, 1978

Your operations at well "Rancho San Francisco"48, API No. 037-12861, Sec. 27, T. 4N, R. 17W S.B., B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 11/2/78. T.E. Adams, representative of the supervisor, was present from 0700 to 1030. There were also present Gregg Smith, company engineer

Present condition of well: No additions to the casing record since proposal dated 2/20/78

The operations were performed for the purpose of demonstrating that the injected fluid is confine to strata below 7467'.

DECISION:

THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 7467' AT THIS TIME.

b

M. G. HEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor
John L. Hardoin

OG109 (6-77-GSRI-15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 278-74
WATER FLOOD PROJECT
NEWHALL-POTRERO FIELD
THIRD ZONE

# REPORT ON PROPOSED OPERATIONS

Santa Paula, California

Mr. Jack Andrews, Agent
Sun Oil Company
23928 Lyons Ave.
Newhall, CA. 91321

Feb. 23, 1978

Your alter casing and convert proposal to to water flood well "Rancho San Francisco" 48 (Name and number), A.P.I. No. 037-12861, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 2-20-78, received 2-21-78, has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class II with a hydraulic actuating system shall be installed and maintained in operation condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED TO WITNESS A SURVEY TO DEMONSTRATE THAT INJECTED FLUID IS CONFINED BELOW 7395'.

NOTES:

1. The base of the fresh water is at 550'.
2. The fresh water is protected by 13 3/8" casing cemented at 266', and 7" casing cemented at 7425', with sufficient cement to fill behind the casing to fill to the surface and 5600', respectively.
3. The water to be injected tests about 4000 ppm sodium chloride, and is water produced from a neighboring well mixed with fresh waters.
4. The Third zone, into which water is to be injected, extends from approximately 7395' to 7690' in this well, and contains a mixture of oil and water. The water tests approximately 5500 ppm sodium chloride.
5. Approximate surface location of well: FR cor "J" 2588S and 4817E.

A COPY OF THIS APPROVAL SHALL BE AVAILABLE AT THE WELL SITE DURING THE PROPOSED OPERATIONS.

Blanket Bond
MD:b
cc: Dept. of Water Resources
Regional Water Quality Control Bd.

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor

John L. Hardoin

OG111 (11-76-GSR1-30M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
FEB 21 1978
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. Rancho San Francisco #48, API No. 037-12861, Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7721'

2. Complete casing record, including plugs and perforations:
   13-3/8", 53#, surface casing cmt'd @ 266' w/250 sx.
   7", 23# and 30# casing cmt'd @ 7425' w/600 sx.
   5-1/2", 17# slotted liner 7395'-7690';
   slotted: 7467'-7489' and 7523'-7688'.

3. Present producing zone name 3rd zone Zone in which well is to be recompleted 3rd zone

4. Present zone pressure 1735 psi New zone pressure 1735 psi

5. Last produced July, 1973 (Date) 7 (Oil, B/D) 1 (Water, B/D) 97 (Gas, Mcf/D)

or

6. ~~Last injected~~ ---------- (Date) ---------- (Water, B/D) ---------- (Gas, Mcf) ---------- (Surface pressure, psig.)

The proposed work is as follows:

1. MIRU. Fill hole w/lease wtr. Install BOE.
2. Pull tubing and packer.
3. Locate casing leak and squeeze w/50-75 sx. Class G cmt. WOC.
4. Drill out cmt. Pressure test casing to ±1700 psi.
5. Run tubing and packer. Hook up for water injection.
6. Run water injection survey and packer check after injection rates stabilize.

NOTE: This well was approved for water injection as part of the expansion of our 3rd zone waterflood in your letter of 10/6/77.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall, California 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440

Sun Oil Company (Delaware) (Name of Operator)
By D. J. Van Orden 2/20/78 (Date)
D. J. Van Orden
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

RM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

RECEIVED SEP 2 LOS ANGELES, CALIFORNIA

Operator Barnsdall Oil Co. Field Newhall Potrero

Well No. "Rancho San Francisco" RSF 48-3 Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Location 2588.81'S.&4817.36'E.from Cor."J" Elevation of K.B. derrick floor 1131 ground 1128 above sea level 1122.10 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 9-25-46 Signed R. E. Jones

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 5-25-45 Completed drilling 7-25-45 Drilling tools Cable ~~Rotary~~

Total depth 7721 Plugged depth -

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 7-26-45 (date) ~~Flowing~~/gas ~~lift~~/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 116 | | 12.0 | - | - | - |
| Production after 30 days | 124 | | 0.1 | 119 | 375 | 575 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8 | 266 | Surface | 54.50 | New | Smls. | H-80 | 17½ | 250 | |
| 7 | 7425 | " | 26.30 | " | Smls.& Elec.Wld. | J55&N80 | 11" | 600 | |
| 5½" | 7690 | 7395 | 16.07 | " | Smls. | N-80 | 7" | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½ | 7467 ft. | 7489 ft. | 100 H x 2" | 12 | 6" | Shop |
| " | 7523 ft. | 7688 ft. | " | " | " | " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Electrical Log Depths 266' to 7721' (Attach Copy of Log)

FORM 103.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

SEP 2 ... LOS ANGELES, CALIFORNIA

OPERATOR Barnsdall Oil Co. FIELD Newhall Potrero

Well No. Rancho San Francisco #48-3, Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fox

Date 9-23-46 Title Agent
(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. **Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production.** Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

| Date | |
|---|---|
| 1945 5-25 | Spudded in with 11" bit. |
| 26 | Depth 314'. Opened hole to 266' with 17½" pilot bit. Cmtd. 13 3/8" 52.74# casing at 266' with 250 sx. const. cmt. Water treated. Cmt. contained 3% gel. |
| 27 | Drilled ahead with 11" bit. |
| 7-9 | Depth 7425'. Ran electric log. Cmtd. 7" 23# & 30# csg. at 7425' with 600 sacks Victor Modified oil well cmt. |
| -15 | Found top of cement at 7357' with 6" bit. Drilled out shoe at 7425-7430 Ran Johnston tester. Set at 7405' with tailpiece to 7425'. Valve open 1 hour thru 3/8" bottom bean. Blow, lt. stdy. Occasional heads 40 min., dead 5 min., mod. strong 3 min., lt. stdy. to dead 12 min Rec. 55' of drilling mud. Test witnessed & WSO approved by J.L.White, of DO&G. |
| 7-16 | Ran Sperry Sun Well Survey. Drilled ahead with 6" bit. |
| 7-20 | Depth 7721'. Ran electric log. Underreamed 6" hole to 7" from 7430 to 7705'. Hung 294.71' of 5½" 16.87# F.J.liner at 7690' with top of hanger at 7395.29'. 100 M. perf. intervals 7467 to 7489' and 7523 to 7688'. |
| 7-24 | Changed from mud to oil. |
| 7-25 | Hung 2½" E.U. & F.J. tbg. at 7662' with packer at 7337'. |

Production:

| | Rate | Cut | Bean | T.P. | C.P. | G/O | Grav. | |
|---|---|---|---|---|---|---|---|---|
| 7-30 | 109 B/D | 6.1% | 46/64 | 100# | 410# | 700 | | Gas lift |
| 8-23 | 124 | 0.1 | 10/64 | 375 | 575 | 960 | 32.5 | " " |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T1-44126

Los Angeles 14, Calif. June 28, 1945

Mr. R. B. Foss
Los Angeles 15, Calif.
Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 48 Sec. 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by J. L. White, Inspector, representative of the supervisor, on June 24, 1945. There was also present R. L. Billingsley, Driller
Henry Barbarick, Derrickman.

| Casing Record | Junk |
|---|---|
| 13-3/8" cem. 266'. T. D. 5886'. | None |

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 2:15 p.m. and Mr. Billingsley reported:
On May 26, 1945, 13-3/8", 54.5 lb. casing was cemented at 266' with 250 sacks of cement.

THE INSPECTOR NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer ram-type gate for closing in the well with the drill pipe out of the hole.
2. A Shaffer ram-type gate for closing around the 5" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line, with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.
5. A Hosmer type blowout preventer with packer to fit the 5" drill pipe.
6. An 8" shut-off gate on the mud discharge line.

The inspection was completed at 2:30 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

JLW:CH

cc- Company

R. D. BUSH
State Oil and Gas Supervisor
By E. H. Musser Deputy

43395 3-45 15M
STATE PRINTING OFFICE

FORM 111.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Proposed Operations

No. P 1-40690

Los Angeles 14, Calif. May 9, 1945

MR. R. E. Foss

Los Angeles 15, Calif.

Agent for BARNSDALL OIL COMPANY

DEAR SIR:

Your proposal to drill Well No. "Rancho San Francisco" 48

Section 27, T. 4 N., R. 17 W. S.B. B. & M., Newhall-Potrero Field, Los Angeles County,

dated May 4, 1945, received May 8, 1945, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is ~~approx. 2600~~ 2588.81 feet S. and ~~4825~~ 4817.36 feet E. from Corner "J"

The elevation of the derrick floor above sea level is K.B. 1128 feet. concrete mat 1131 1122.10

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7500 feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.50# | Smls. slip jt. | 240 | Cemented |
| 7" | 23 & 30 | J-55 & N-80 | 7500 | " |
| 5½" | 17# | J-55 | 7800 | Hung |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed.
3. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
4. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 1500'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

Records Dept.
Ass.
Ass.
Ass.
E. Log

cc - P.A.W.
Company

FCH:ES

R. D. BUSH
State Oil and Gas Supervisor

By E. H. Musser Deputy

Blanket Bond dated 8-5-41

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

8

037-12861

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. May 4 1945

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 48, Sec. 27, T. 4 N, R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is * ~~approx.~~ 2588.81 ~~2500~~ feet ~~N.~~ or S., and 4817.36 ~~4825~~ feet E. ~~or W.~~ from Corner "J"
K.B. (Give location in distance from section corner or other corners of legal subdivision)

The elevation of the derrick floor ~~ground~~ above sea level is 1131 1128 1122.10 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7500 feet.

*Correction letter 8-13-45. my

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.50# | Smls. slip jt. | 240 | Cemented |
| 7" | 23 & 30 | J-55 & N-80 | 7500 | " |
| 5½" | 17# | J-55 | 7800 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

Barnsdall Oil Company
(Name of Operator)

Telephone number RI 5171

By R. E. Foss, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

CO PAW 18A JLW 5-8-45 JLW

Revised dated 8-5-41

25 54

# SCHLUMBERG

WELL SURVEYING CORPORATION

037-12861

COMPAN: ORYX ENERGY COMPANY

FIELD: NEWHALL-POTRERO

WELL: "Rancho San Francisco" (R. S. F.) #48

SEC. 27 T. 4 N. R. 17 W. 8

COUNTY: LOS ANGELES STATE: CALIFORNIA

ELEV.: K. B. 1131

"Rancho San Francisco" 48-3

Sec. 27-4N-17W NEWHALL-POTRERO

~~SUN OIL CO. DX DIV.~~

25 54

| RUN | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Date | 7-9-45 | 7-20-45 | | |
| Csg. shoe | 260 | 7423 | | |
| Total depth | 7423 | 7721 | | |
| Depth rchd. | 7421 | 7720 | | |
| Ft. Meas. | 7161 | 297 | | |
| Mud Nat. | Aquagel | Aquagel | | |
| Dens | 79# | 69# | | |
| Visc. | 34 | 35 | | |
| Res. | 2.3 @ 81°F | 1.2 @ 84°F | | |
| Max. Temp. | 180°F | 130°F | | |
| Meas. from | Kelly Bush | Kelly Bush | | |
| Tension | — | — | | |
| Rig. Time | 3 1/4 hrs. | 1½ hrs. | | |
| Mileage | 80 mi. | 80 mi. | | |
| Observer | B. Pugsley | V. T. Fant | | |

Witnessed by:

DIVISION O

RECEIVED

AUG 18 1945

LOS ANGELES, CALIFORNIA

## DIAMETER OF HOLE

11" - 7423' 6" - 7721'

## REMARKS

Little Gem Curve

Short Lateral OA : 9' - - - - - - - - - -

Long Lateral OA : 18' .....

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

## RESISTIVITY

——— NORMAL CURVE ..... THIRD CURVE

## SELF-POTENTIAL

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

December 29, 1980

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Your report of abandonment of well "Rancho San Francisco" 56 (Name and number), A.P.I. No. 037-12868, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 12/18/80, received 12/22/80, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

r

| MAP | MAP RECD | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | 1-3-81 | — | — | — | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor

John L. Hardoin

OG159 (11-76—GSR1—8M)

OPERATOR San Oil
LSE & NO RSF 56
MAP

| | (1) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | ABD | | | | | |
| NOTICE DATED | 9-30-80 | | | | | |
| P-REPORT NUMBER | 280-339 | | | | | |
| CHECKED BY/DATE | FT 12-30-80 | | | | | |
| MAP LETTER DATED | 1-3-81 | | | | | |
| SYMBOL | ✚ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 9-30-80 | | | | | | | | | | | |
| HISTORY | 12-22-80 | | | | | | | | | | | |
| SUMMARY | — | | | | | | | | | | | |
| IES/ELECTRIC LOG | — | | | | | | | | | | | |
| DIRECTIONAL SURV | — | | | | | | | | | | | |
| CORE/SWS DESCRIP | — | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | OK | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED 12-29-80

RELEASED BOND _____

REMARKS: Final surface inspection 12-4-80. Site graded, no seepage.

DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
SEP 30 1980
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO 56, API No. 037 12868, Sec. 27, T. 4N, R. 17W, S.B. B. & M., NEWHALL POTRERO Field, LOS ANGELES County, commencing work on OCTOBER 6, 19 80.

The present condition of the well is:

1. Total depth: 7341'
2. Complete casing record, including plugs and perforations:

SEE ATTACHMENT I

3. Last produced 1/8/78 (Date) 3 (Oil, B/D) 58 (Gas, Mcf/D) 298 (Water, B/D)

or

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands:

The proposed work is as follows:

SEE ATTACHMENT II

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 LYONS AVE. (Street)
NEWHALL, CALIFORNIA 91321 (City) (State) (Zip)
Telephone Number ( 805) 259-2440 (Area Code) (Number)

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L B Carroll Jr. 9-30-80 (Signature) (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG108 (8-75—GSRI—15M)

FORM 103

037-12868

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

26535-705 7-64 25M △ OSP

DIVISION OF OIL AND GAS
RECEIVED
JAN 2 1978
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator ~~SUNRAY DX~~ Sunoco OIL COMPANY Field Newhall-Potrero

Well No. Rancho San Francisco #56-3, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Date June 30, 1967, 19 Signed J. R. Hinkle

23928 Lyons Avenue
Newhall, California 91321 805-259-2440 Title District Engineer
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

| Date | |
|---|---|
| 1967 | ALL MEASUREMENTS TAKEN FROM KELLY BUSHING WHICH IS 9.0 FEET ABOVE CONCRETE MAT. |
| 6/13 | C. P. S. moved in and rigged up Drive-in rig. |
| | Pulled rods and pump. Pumped 100 bbls. lease salt water down tubing and casing. Installed Class III BOE and working platform. Pulled tubing. Laid down 12 joints (380.57') - 2 7/8" tubing. Removed Page anchor and drain. Made up and ran 2 5/8" Cavins bailer to 7274' (top of plastic plug). No fill. Laid down bailer. Ran and landed tubing at 6866'. Removed floor and BOE. Landed tubing on offset head. Now running rods. |
| 6/14 | Ran exchanged pump and rods. Changed 21 worn 3/4" rod boxes. Lined up pumping unit to offset head. Filled tubing. Well pumped OK. Loaded out BOE. Laid down mast and moved out. |
| | Production- See Page 2 |
| 6/27 | Bled casing to atmosphere. Made up water entry survey equipment without collar locater. Ran in with survey tool. Hit fluid at 4025' (possibly foam) by wire-line measurements. Ran temperature survey from (6700' - 7274'). Ran water entry from (6900' - 7020'). Batteries went dead. Pulled out of hole. Re-ran water survey from (7020' - 7274'). Found liner hanger 10' deep on wireline. Indicated points of water entry: (7055' - 7085') - 285 B/D<br>(7197' - 7202') - 25 B/D<br>(7253' - 7261') - 25 B/D<br>Could not get below 7261' (7271' wireline). Pulled out. Made up and ran oil locater survey with collar locator from (7255'-6940'). Indicated bottom of oil entry at 7200'. Found Casing collars and liner hanger 10' deep on wireline. Pulled out. Loaded out survey tools. |
| | Production- See Pages 2 & 3 |
| 6/28 | Job completed 6:20 PM - 6/27/67 |

FORM 107

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

RECEIVED
SEP 14 1965
INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. August 27 19 65

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San Francisco #56-3, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7340'

2. Complete casing record, including plugs:

13 3/4" 52.74# slip-joint csg at 234' w/250 sx.
7" 23 & 26#, J-55 & N-80 csg at 7158' w/300 sx.
Perf: 2 - 1/2" holes/ft. 6968'-7098', 7120'-7125'.
5 1/2" 17#, N-80, F.J. liner at 7340' w/top at 7128' w/78 sx.
Perf: 2 - 1/2" holes/ft 7134'-7151'.
4 - 1/2" holes/ft 7160'-7202', 7232'-7292'.
Plastic plug 7274'-7300'.
Cement plug 7300'-7340'.

3. Last produced. August, 1965 (Date) 0 (Oil, B/D) 200 (Water, B/D) -- (Gas)

The proposed work is as follows:

1. Run csg inspection log & packer to locate csg leak.
2. Repair leak using a prestressed steel liner csg patch.
3. Pressure test csg to 2500 psi.
4. Destroy mud damage caused by csg leak by displacing 110 gallons of mud dispersent chemical premixed in 220 bbl lease salt water into formation.
5. Place well back on production.

| MAP | | CARDS | BOND | FORMS | |
|---|---|---|---|---|---|
| | | | | 124 | 121 |

23928 Lyons Ave., Newhall, Calif.
(Address)
805-259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)
By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

86853 5-63 10M SPO

FORM 107. 50672 9-51 15M SPO

RECEIVED

FEB 10 1958

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles, Calif. February 4, 1958

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. "Rancho San Francisco" 56-3, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7341'. Plugged depth 7274'.

2. Complete casing record.
   13 3/8" 52.74# J-55 S.J. casing cmtd. @ 234' w/250 sx.
   7" 23#, 26#, N-80, J-55 T&C casing cmtd. @ 7158' w/300 sx.
   4 - 3/8" holes @ 6920' - WSO. CP'd w/101 sx.
   5 1/2" 17# N-80 F.J. liner cmtd. @ 7340' w/78 sx. Top of adaptor @ 7128'.
   Lap cmtd. off.
   4 - 1/2" bullet holes per foot: 7160'-7205'; 7232'-7292'.
   Plastic plug 7274'-7300'.
   Cement plug 7300'-7340'.

3. Last produced. Presently producing (Date) 61 (Net Oil) 32.5° (Gravity) 24.0% (Cut)

The proposed work is as follows:

1. Rig up workover rig.
2. Pull tubing.
3. Perforate 7" casing 6968'-7098'; 7120'-7127'; and 5 1/2" casing 7133'-7150'.
4. Run tubing and rods.
5. Put well on production.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12868

## Notice of Intention to Drill New Well 4

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. May 7 1946

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 56-3, Sec. 27, T. 4 N, R. 17 W, SB B. & M., Newhall Potrero Field, Los Angeles County.

Lease consists of

The well is 1765.97 feet ~~N.~~ or S., and 1056.60 feet E. or ~~W.~~ from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~[illegible]~~ Kelly Bushing 980 / derrick floor 977 / Conc. mat 970.94 above sea level is feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7100 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74 | Smls. slip jt. | 240 | Cemented |
| 7" | 23 | J55 & N80 | 7100 | " |
| 5½" | 17 | J55 | 7400 | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

Barnsdall Oil Company
(Name of Operator)

Telephone number RI 5171

By R. E. Fox
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW. | 5-16-46 JLW. | [illegible] | Blanket 8-25-41 | [illegible] | [illegible] |

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 30 1946
LOS ANGELES, CALIFORNIA

037-12870

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. August 26 1946

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" "58-6", Sec. 27, T. 4 N, JLW R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2627.28 feet ~~N.~~ or S., and 4398.48 feet E. of ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~derrick floor~~ K.B. / Conc. mat above sea level is 1307 / 1304 / 1297.51 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7400 / 9700 - 6th zone feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74# | J-55 slip jt. | 350 | Cemented |
| 9 5/8" | 32.3, 36, 40 | N-40 & J-55 | 7400 | " |
| 7" | 23, 26, 29, 32 | N-80 | 10,000 | " |
| | Gun perforate 6th zone | | | |

Well is to be drilled with ~~rotary~~ ROTARY / cable tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. E. Foss
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW. | 8-30-46 | Emb | Blanket 8-25-41 | Emb | Emb |

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
AUG 25 1959
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. August 18, 1959

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, ~~redrilling, plugging or altering casing in~~ (Cross out unnecessary words) Well No. "Rancho San Francisco" 58-6, Sec. 27, T. 4N, R. 17W, S.B. B. & M. Newhall -Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 10,298'

2. Complete casing record.

13-3/8" 52.7# J-55 Slip-Joint casing cemented at 453' with 350 sacks of cement.
9-5/8" 32.3#, 36#, 40#, 43.5#, H-40, J-55, N-80 T&C casing cemented at 7936' with 600 sacks of cement.
7" 26#, 29#, 32#, N-80, Hydril, LT&C, casing cemented at 9875' with 325 sacks of cement.
4-3/8" Bullet holes at 9868' W.S.O.
5½" 17# J-55 Hydril F.J. liner with shoe at 10,298' and hanger at 9846'. Perforated with 192 - ¼" round holes per foot from 9879' to 10,100' and 10,142' to 10,298'.

3. Last produced. Presently Producing (Date) 84 B/D (Net Oil) 36.4° (Gravity) 2% (Cut)

The proposed work is as follows:

See attached sheet for proposed work.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray Mid-Continent Oil Company
(Name of Operator)

By O. A. Crawpeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

4 100.
FORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL TH ANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA LY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 22 1947
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Barnsdall Oil Company Field Newhall Potrero

Well No. Rancho San Francisco #58-6 Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Location 2627.28'S. & 4398.48'E. from Cor. "J" Elevation of K.B. derrick floor ~~ground~~ Conc. mat. above sea level 1307 1304 1297.51 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 2-21-47 Signed R. E. Fort

D. H. Fortine (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 10-6-46 Completed drilling 2-10-47 Drilling tools ~~Cable~~ Rotary

Total depth 10,298 Plugged depth -

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 2-19-47 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 970 | 38.3 | 1.0% | 799 | 1500 | 725 |
| Production after 30 days | 593 | 38.4 | 0.1 | 527 | 1500 | 780 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementi if through perforati |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 453 | Surface | 52.74# | New | Smls. | J 55 | 17¼" | 350 | |
| 9 5/8" | 7936 | " | 32.3, 36, 40, 43.5# | " | " | H40, J55, N80 | 12¼" | 600 | |
| 7" | 9875 | " | 26, 29, 32# | " | " | N80 | 8½, 12¼ | 325 | |
| 5½" | 10,298 | 9,846.15 | 16.87# | " | " | J55 | 6" | Hung | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½" | 10,298.00 ft. | 10,141.71 ft. | ¼" round hole, 192 holes/Ft. | 16 | 1" | Shop |
| 5½" | 10,099.54 ft. | 9,879.09 ft. | " " " " " | " | " | " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

MAP BOOK CARDS BOND 121

Electrical Log Depths 453' to 10,298' (Attach Copy of Log)

FORM 103. 39946 11-44 25M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 22 1947
LOS ANGELES, CALIF.

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL CO. FIELD NEWHALL POTRERO

Well No. Rancho San Francisco #58-6, Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Signed R. E. Fox

Date 2-21-47 Title Agent
(President, Secretary or Agent)

Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance. Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

MAP | CARD | BOOK

| Date | |
|---|---|
| 1946 | |
| 10-6 | Spudded in with 17¼" bit. |
| 9 | Depth 453'. Cemented 13 3/8" 52.74# casing at 453' with 350 sx. const. cmt. Contained 2½% gel. Drilled ahead with 12¼" bit. |
| 11-29 | Depth 8169'. Cemented 9 5/8" 32.3, 36, 40, & 43.5# casing at 7936' with 600 sx. Colton Slow cement. Plugs did not bump. |
| 12- 4 | Drilled out with 8½" bit. Found top cement 7803'. Changed to Impermex mud. Drilled ahead with 8½" bit. Cored at intervals. See core record. |
| 1- 8 | Depth 9759'. Reduced hole size from 8½" to 7 5/8". Drilled and cored ahead. |
| 1-14 | Depth 9986'. Opened 7 5/8" hole to 8½" from 9759 to 9875'. |
| 1-18 | Cemented 7" 32, 29 & 26# casing at 9875' with 325 sx. Victor Hi-Temp. cement. Plugs bumped. |
| 1-23 | With 6" bit found top cement at 9868'. Drilled out to 9870'. |
| 1-25 | Perforated 7" casing at 9868' with 4 - 3/8" holes. |
| 1-26 | Ran Johnston tester. Set at 9836' with tailpiece to 9853'. Used 1015' mud cushion. Valve open thru 3/8" bottom bean 1 hour and 20 min. Faint blow 8 min; fair, increasing 20 min; moderately strong 52 min; gas to surface in 1 hour and 10 min. Recovered 15 stands or 4 stands rise. Equiv. to 375' or 2.5 bbls. 12 stds. med. mud and gas (cushion) and 3 stds. very oily fluffy mud. Test witnessed and WSO approved by Paul Betts of DO&G. |
| 1-28 | Changed to fresh 85# Impermex, clay, baroid mud. Drilled out shoe at 9875' with 6" bit and cleaned out to bottom. Drilled and cored ahead with 6" hole. |
| 2-16 | Depth 10,298'. Hung 451.85' of 5½" 17# Hydril flush jt. liner at 10,298', with top of hanger at 9846.15'. Perforated intervals: 10,298.00' - 10,141.71' 10,099.54 - 9,879.09'. |
| 2-19 | Landed 2½" tubing at 10,284'. Changed from mud to salt water to oil. Well started flowing. |

| Date | Net B/D | Cut | Grav. | Bean | T.P. | C.P. | G/O |
|---|---|---|---|---|---|---|---|
| 2-20 | 970 | 1.0% | | 17/64" | 1500 | 725 | 824 |
| 21 | 978 | 0.3 | | " | 1450 | 700 | 808 |
| 22 | 1007 | 0.2 | | " | 1500 | 700 | 805 |

Change of designation May 18, 1977 to "Rancho San Francisco" 58

25 66

# SCHLUMBER

WELL SURVEYING CORPORATION

037-12870

COMPANY: MEDALLION CALIFORNIA PROPERTIES CO.

FIELD: NEWHALL-POTRERO

WELL: R. S. F. NO. 58-4

SEC. 27 T. 4N R. 17W LOS ANGELES, CALIFORNIA

COUNTY: LOS ANGELES STATE: CALIFORNIA

ELEV.: 1307' K. B.

DIVISION OF OIL AND GAS
RECEIVED
APR 10 1947

MEDALLION CALIFORNIA PROPERTIES CO.
"Rancho San Francisco" 58-4
Sec. 27-4N-17W NEWHALL-POTRERO

| RUN | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Date | 11-18-46 | 11-22-46 | 12-19-46 | 12-28-46 | 1-5-47 |
| Csg. shoe | 453 | 453 | 7936 | 7936 | 7936 |
| Total depth | 7864 | 8169 | 8911 | 9336 | 9632 |
| Depth rchd. | 7865 | 8168 | 8910 | 9327 | 9620 |
| Ft. Meas. | 7412 | 303 | 742 | 417 | 295 |
| Mud Nat. | Aquagel | Chemical | Impermex | Impermex | Impermex |
| Dens | 75 | 75 | 86 | 86 | 83.5 |
| Visc. | 36 | 38 | 70 | 70 | 73 |
| Res. | 3.2 @ 50°F. | 3.4 @ 55°F. | 2.2 @ 64°F. | --- | 1.0 @ 86°F. |
| Max. Temp. | --- | --- | --- | --- | --- |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. |
| Tension | --- | --- | --- | --- | --- |
| Rig. Time | 2 1/2 hrs. | 1 1/2 hrs. | 2 1/2 hrs. | 1 3/4 hrs. | 2 1/4 hrs. |
| Mileage | --- | --- | --- | --- | --- |
| Observer | V.T.Fant | F.Pehoushek | F.Pehoushek | C.Gallagher | F.Pehoushek |

MAP | MAP BOOK | CARDS | BOND | FORMS 114 | 121

| RUN | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|
| Date | 1-11-47 | 1-14-47 | 2-1-47 | 2-11-47 | |
| Csg. shoe | 7936 | 7936 | 9880 | 9880 | |
| Total depth | 9880 | 9986 | 10131 | 10298 | |
| Depth rchd. | 9882 | 9990 | 10140 | 10303 | |
| Ft. Meas. | 262 | 108 | 150 | 163 | |
| Mud Nat. | Impermex | Impermex | Impermex | Impermex | |
| Dens | 83 | 84.5 | 85 | 83.5 | |
| Visc. | 70 | 95 | 46 | 67 | |
| Res. | 1.5 @ 82°F. | 1.5 @ 64°F. | 3.2 @ 56°F. | 2.5 @ 76°F. | |
| Max. Temp. | 113°F. | --- | --- | --- | |
| Meas. from | Kelly Bush. | Kelly Bush. | Kelly Bush. | Kelly Bush. | |
| Tension | --- | --- | --- | --- | |
| Rig. Time | 2 1/2 hrs. | 1 hr. | 1 3/4 hrs. | 2 hrs. | |
| Mileage | --- | --- | --- | --- | |
| Observer | V.T.Fant | F.Pehoushek | F.Pehoushek | F.Pehoushek | |

Witnessed by:

DIAMETER OF HOLE

13 3/8" - 453'

OPERATOR [illegible]
WELL NO. [illegible] 62
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | ABAND. | SUMP TO ABAND | Sup to aband | Abandon | | |
| NOTICE DATED | 3-1-82 | 6-1-82 | 10-28-82 | 4-26-83 | | |
| P-REPORT NUMBER | 282-89 | 2E2-196 | | 283-104 | | |
| CHECKED BY/DATE | | | N/C | | | |
| MAP LETTER DATED | | | N/C | 10-29-83 | | |
| SYMBOL | ϕ | ϕ 12-82 | N/C | ✦ | | |

| | REC'D | NEED | REC'D | NEED | REC'd | NEED | REC'D | NEED | REC'D | NEED | REC'D | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-3-82 | | 3-2-82 | | | | 4-25-83 | | | | | |
| HISTORY | 6-24-82 | | | | | | 11-1-83 | | | | | |
| SUMMARY | 7-6-82 | | | | | | 11-1-83 | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |
| Records Complete | RLH 7/29/82 | | RLH 7/29/82 | | | | MK 1-19-83 | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | ✓ | | |
| OPERATOR'S NAME | ✓ | | | ✓ | | |
| WELL NO. | ✓ | | | ✓ | | |
| LOC & ELEV | ✓ | | | ✓ | | |
| SIGNATURE | ✓ | | | ✓ | | |
| SURFACE INSP. | | | | 10-21-83 | | |
| FINAL LETTER OK | 1-19-84 | | | 1-19-84 | | |

FINAL LETTER MAILED

REMARKS: Records OK 7/29/82 RLH.

RELEASED BOND

# SCHLUMBERGER
WELL SURVEYING CORPORATION

037-12875

COMPANY: ~~SUN EXPLORATION & PROD. CO.~~

DIVISION OF OIL AND GAS
RECEIVED
MAY 17 1947
LOS ANGELES, CALIFORNIA

FIELD: NEWHALL-POTRERO

WELL: (R. S. F.) NO. 62-3

SEC. 27 T. 4N R. 17W

COUNTY: LOS ANGELES STATE: CALIFORNIA

ELEV.: 4

ORYX ENERGY COMPANY
"Rancho San Francisco" 62-3A
Sec. 27-4N-17W
NEWHALL-POTRERO

| RUN | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Date | 4-2-47 | 4-9-47 | | |
| Csg. shoe | 7020 | 7020 | | |
| Total depth | 7620 | 7797 | | |
| Depth rchd. | 7620 | 7797 | | |
| Ft. Meas. | 601 | 177 | | |
| Mud Nat. | Impermex | Impermex | | |
| Dens | 71 | 73 | | |
| Visc. | 50 | 44 | | |
| Res. | 1.7 @ 64°F. | 1.0 @ 66°F. | | |
| Max. Temp. | --- | --- | | |
| Meas. from | Kelly Bush. | Kelly Bush. | | |
| Tension | --- | --- | | |
| Rig. Time | 1 hr. | 1 1/4 hrs. | | |
| Mileage | --- | --- | | |
| Observer | F.Pehoushek | F.Pehoushek | | |
| Witnessed by: | | | | |

## DIAMETER OF HOLE

7" - 7020' 6" - 7797'

## REMARKS

Standard Resistivity - AM : 10" ————————
Standard Lateral - OA : 12' - - - - - - - -
Long Lateral - OA : 19' . . . . . .

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

## RESISTIVITY

——— NORMAL CURVE ····· THIRD CURVE

80 -ohms m²m

## SELF-POTENTIAL

← 100 -millivolts →

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 283-106

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Santa Paula, Calif.
Aug. 8, 1983

Your operations at well "Rancho San Francisco" 62, API No. 037-12875, Sec. 27, T. 4N, R. 17W, SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 7/28/83. M. Fulco, representative of the supervisor, was present from 1100 to 1300. There were also present Mr. Denise Douglas, Sun Representative

Present condition of well: 13 3/8" cem 257'; 7" cem 7020', cut and pulled from 67', perf 6976-6977'; 5 1/2" ld 3020-6970', c.p. 7426-7428', perf 7055-7162' at intervals, WSO 7427'; 5" ld 6970-7782', cp.7434', WSO at 6970', perf 7436-7781'. TD 7797', plugged with cement 150 sx below retainer at 6920', plugged w/cem 6920-6759', 2920-2309' plugged w/22 c.f. below retainer at 1435', 1435-1333', 60-5'.

The operations were performed for the purpose of witnessing the location and hardness of the cement plugs.

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

b

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor
Murray W. Dosch

OG109(12-80-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED APR 25 1983 SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Rancho San Francisco #62, API No. 037-12875, Sec. 27, T. 4N, R. 17W, B. & M., Newhall-Potrero Field, Los Angeles County. commencing work on April 29, 1983.

The present condition of the well is: Shut In

1. Total depth: 7797
2. Complete casing record, including plugs and perforations:

   See Attachment "A"

3. Last produced 3/82 (Date) 0 (Oil, B/D) 0 (Gas, Mcf/D) 22 (Water, B/D)

   or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands: 1535'

The proposed work is as follows:

See Attachment "B"

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W. Rye Canyon Road (Street)
Valencia, California 91355 (City) (State) (Zip)
Telephone Number (805) 257-6200

Sun Exploration and Production Co. (Name of Operator)
By L B Carroll Jr. (Name) 4/22/83 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

FORM OG111(10/81/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 282-89

500
(field code)
00
(area code)
05
(new pool code)
(old pool code)

# REPORT ON PROPOSED OPERATIONS

Mr. L.B. Carroll, Jr., Agent
Sun Exploration and Production Co.
P.O. Box 55060
Valencia, CA 91355

Santa Paula, California
March 10, 1982

Your proposal to abandon well "Rancho San Francisco" 62
A.P.I. No. 037-12875, Section 27, T. 4N, R. 17W, SB B. & M.,
Newhall-Potrero field, any area, 1-2-3 pool,
Los Angeles County, dated 3/1/82, received 3/3/82 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. All portions of the hole not plugged with cement shall be filled with inert mud fluid having a minimum density of 72 lbs/cu.ft. or a minimum gel shear strength (10 min) of 20 lbs/100 sq.ft., (30 sacks of Bentonite per 100 bbls. of water).
3. Blowout prevention equipment of at least DOG Class II 2M, shall be installed and maintained in operating condition at all times.
4. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
5. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS the location and hardness of the cement plugs at 6870' or above, 2490' or above, 1000' or above and the placing of the cement plug in the hole and the 13 3/8" x 7" and 7" x 5 1/2" annuli from 30' to 5'.
   b. TO INSPECT the well site after cleanup and restoration operations are completed.

MD:b

M. G. MEFFERD, State Oil and Gas Supervisor

By Murray W. Dosch, Deputy Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 3 1982
CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO #62, API No. 037-12875, Sec. 27, T. 4N, R. 17W, SB B. & M., NEWHALL-PETRERO Field, LOS ANGELES County. commencing work on APRIL 1, 19 82.

The present condition of the well is: PRODUCER

1. Total depth: 7797'

2. Complete casing record, including plugs and perforations:

SEE ATTACHMENTS A, B, & C

3. Last produced 1/82 (Date) 4 (Oil, B/D) 14 (Gas, Mcf/D) 338 (Water, B/D)

or

4. Last injected NONE (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands:

The proposed work is as follows:

SEE ATTACHMENT D

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W RYE CANYON ROAD (Street)
VALENCIA, CALIFORNIA 91355-0560 (City) (State) (Zip)
Telephone Number 805/257-6200

SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION (Name of Operator)
By L. B. Carroll Jr. (Name) 3-1-82 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero

Well No. ~~"Rancho San Francisco"~~ #62-3(34), Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Signed [illegible]

Date February 26, 1960 Title ~~District Engineer~~ Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1959 | |
| 12/7 | Killed well with lease crude oil. |
| | Commenced recompletion of well @ 6:00 P.M. 12-7-59. |
| | Pulled rods, pump and tubing. |
| 8 | Ran 4" bit and 5" casing scraper to 7300'. |
| | Shot 4 - ½" Super Dyna-Jet Holes per foot @ 7152' - 7142' with B.J. gun. |
| | Stuck gun, pulled out of rope socket. |
| | Ran tubing and fished gun, found same swelled. |
| | Shot 4 - ½" Super Dyna-Jet Holes per foot @ 7142' - 7097' and 7-85' - 7055', w/3 1/8" O.D. DuPont 20-3 gun. |
| | Ran 4" bit, scraper and junk sub, stopped @ 7440' could not work down. |
| 12/9 | Ran 2 7/8" and 2 3/8" tubing to 7782'. Found no fill on bottom. Back-washed w/lease crude for 2 hours with tubing hung @ 7779'. |
| | Hung tubing @ 7756' - Pump intake @ 7712'. |
| 12/10 | Ran 1 ¼" pump and sucker rods. |
| | Completed well on pump. |
| | Well on production - pumping @ 12:00 Noon. |
| | Rig released @ 2:00 P.M. 12-10-59 |

PRODUCTION DATA

| Date | Gross | Cut | Net | Sal. | Grav. | Bean | Pressure Tbg. | Pressure Csg. | Net Gas | G/ |
|---|---|---|---|---|---|---|---|---|---|---|
| Well owes 412 Barrels of Wash Oils. | | | | | | | | | | |
| 12/10 | 146 | 51.0 | 72 * | 280 | 32.8° | 48/64" | 380# | Vac. | - | - |
| | * All wash oil (18 hrs. production) | | | | | | | | | |
| 12/11 | 175 | 20.8 | 139 * | 274 | 33.2° | 48/64" | 400# | 30# | 15 | 111 |
| | * All wash oil. | | | | | | | | | |
| 12/12 | 188 | 37.6 | 117 * | 266 | 33.6° | 48/64" | 380# | 30# | 18 | 153 |
| | * All wash oil. | | | | | | | | | |
| 12/13 | 199 | 54.0 | 92 * | 272 | - | 48/64" | 380# | 58# | 18 | 195 |
| | * All wash oil returned, 8 bbls. net formation oil. | | | | | | | | | |
| 12/14 | 259 | 55.5 | 115 | 265 | 32.8° | 48/64" | 370# | 190# | 20 | 173 |

DIVISION OF OIL AND GAS
RECEIVED
MAR 7 1960
INGLEWOOD, CALIFORNIA

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
DEC 7 1959
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. December 4, 1959

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. "Rancho San Francisco" 62-3, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth 7797'

2. Complete casing record.

13 3/8" 52.7# J-55 Slip joint casing cemented at 257' with 300 sx.
7" 23#, 26#, J-55, N-80, ST&C, LT&C casing cemented at 7020' with 600 sx.
4 - 3/8" holes at 7013' -WSO
5 1/2" 17# J-55 ST&C casing with lead seal shoe at 6970' (Top of 5" liner)
5" 18# N-80 F.J. liner hung at 7782'. Top at 6970'.
Cemented through ports at 7434' with 26 sx.
Cemented liner lap with 130 sx. - WSO
3 - 5/8" return holes 6976' - 6977'.
4 - 3/8" holes at 7426' - Squeezed with 27 sx.
4 - 3/8" holes at 7427' - Squeezed with 74 sx.
4 - 3/8" holes at 7427' - WSO
4 - 3/8" holes at 7428' - Squeezed with 26 sx.
190 - 1/4" round holes per foot: 7436'-7490', 7510'-7562', 7570'-7650', 7670'-7781'.

3. Last produced October, 1959 (Date) _____ (Net Oil) _____ (Gravity) _____ (Cut)

The proposed work is as follows:

1. Kill well with oil.
2. Perforate 4 holes per foot from 7055' to 7085' and from 7097' to 7162'.
3. Run tubing and rods and place well on production.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By J. O. McDonald
J. O. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

RECEIVED
JUN 21 1955
LOS ANGELES, CALIFORNIA

OPERATOR Sunrey Mid-Continent Oil Co. FIELD Newhall-Potrero

Well No. "Rancho San Francisco" 62-3, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date June 16, 1955 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1954 | |
|---|---|
| 9/22 | Pulled packer loose and killed well with Black Magic Supermix mud. |
| 9/23 | Ran in with 6" Hughes bit and 7" Baker casing scraper. Pulled tubing and prepared to run casing. |
| 9/24 | Ran 6980.12' of 5-1/2" 17# J-55 ST&C casing with Burns lead seal shoe at 6974'. Set shoe with 12,000#. Filled between strings of casing with Black Magic before setting shoe. Tested shoe seal with 1500# for 5 minutes - held O.K. Ran 2-1/2" tubing. |
| 9/25 | Installed X-mas tree and changed from Black Magic to crude oil. Ran rods and pump. Put well on production. |

FORM 107. 50672 9-51 15M SPO

RECEIVED
JUN 21 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. June 16 1955

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. "Rancho San Francisco" 62-3
(Cross out unnecessary words)

, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7797'

2. Complete casing record.

13-3/8" 54.5# J-55 S.J. casing cemented at 257' with 300 sacks.
7" 23# & 26# N-80 & J-55 LT&C and ST&C casing cemented at 7020' with 600 sacks. Four 3/8" holes at 7013'; WSO.
6-1/8" hole to 7797', total depth.
5" 17.93# N-80 liner with 192 - 1/4" rd.holes/foot hung at 7782' with top to 6970'. Cemented through perforations at 7434' with 50 sacks. Perforated intervals: 7781'-7670', 7650'-7770', 7562'-7510', 7490'-7436'.
Cemented 5" liner lap through three 5/8" holes at 6977' with 130 sacks. Lap shut-off approved.
Cemented through perforations with 150 sacks: four 3/8" holes at 7428'; four 3/8" holes at 7427'; four 3/8" holes at 7427'; four 3/8" holes at 7426'.
Four 3/8" holes at 7427'; WSO.

3. Last produced. _____ (Date) _____ (Net Oil) _____ (Gravity) _____ (Cut)

The proposed work is as follows:

1. Pull packer loose and kill well with oil base mud.
2. Run 5-1/2" 17# J-55 casing and land same at 6970'.
3. Fill between 5-1/2" and 7" casing with oil base mud before setting shoe.
4. Test shoe seal with 1500# pressure 4 or 5 minutes.
5. If test OK, run 2-1/2" 6.5# E.U. 8 Rd. J-55 tubing.
6. Change from oil base mud to crude oil.
7. Run rods and pump, and put well on production.

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, Caliifornia

Jan. 19, 1984

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

DEAR SIR:

Your report of abandonment of Well No. "Rancho San Francisco" 62 (037-12875), Sec. 27, T. 4N, R 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 10/25/83, received 11/1/83, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

Cons. Comm.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | 10/29/83 MF | | BB | — | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch, Deputy Supervisor

18234-705 10-73 4M OSP

SUBMIT LOG IN DUPLICATE

STATE PRINTING OFFICE

FILL TI ANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA NLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 31 1947
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL CO. Field NEWHALL POTRERO

Well No. Rancho San Francisco 62-3 Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Location 1263.03'S. & 236.22'E. from corner "J" Elevation of Kelly Bushing 896 / derrick floor 893 / ~~ground~~ Conc. mat. 886.95 above sea level feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date May 26, 1947 Signed R. E. Fox

E. H. Fortine (Engineer or Geologist) E. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 2-8-47 Completed drilling 5-5-47 Drilling tools ~~Cable~~ Rotary

Total depth 7797' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 5-6-47 (date) Flowing ~~gas lift pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 450 | 33.4 | 2.0 | 826 | 820 | 140 |
| Production after ~~30~~ 12 days | 459 | 33.4 | 0.1 | 214 | 740 | 1600 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemer if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 257 | Surface | 52.74 | New | Smls. | J 55 | 17½" | 300 | |
| 7" | 7020 | " | 23 & 26 | " | " | J55 & N80 | 11" | 600 | |
| 5" | 7782 | 6970' | 17.93 | " | " | N 80 | 6 1/8" | 50 | 7434 |
| | | | | | | | | 150 | 7426-7428 |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5" | 7781 ft. | 7670 ft. | ¼" round holes | 16 | 1" | shop drilled |
| 5" | 7650 ft. | 7570 ft. | " | " | " | |
| | 7562 ft. | 7510 ft. | " | " | " | |
| | 7490 ft. | 7436 ft. | " | " | " | |
| | ft. | ft. | | | | |

MAP | MAP BOOK | CARD | FORMS 121

Electrical Log Depths 257' - 7797' (Attach Copy of Log)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
FEB 4 - 1947
LOS ANGELES, CALIFORNIA

037-12875

## Notice of Intention to Drill New Well

4

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. February 3, 1947

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 62-3, Sec. 27, T. 4 N, P.W.E. R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1263.03 feet ~~N.~~ or S., and 236.22 feet E. or ~~W.~~ from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ K.B. derrick floor Conc. mat above sea level is 896 893 886.95 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7300 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74# | Smls. slip jt. | 240 | cemented |
| 7" | 23 & 26# | J55 & N80 | 7300 | " |
| 5½" | 17# | J55 | 7600 | landed |
| | | | | |

Well is to be drilled with ~~xxxxxx~~ rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd.

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. E. Fois
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18 A | 2-4-47 | | blanket | | [illegible] |

P.W.B.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

January 21, 1981

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Your report of abandonment of well "Rancho San Francisco" 63 (Name and number), A.P.I. No. 037-12876, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 1/9/81, received 1/15/81, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

r

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | FT 1-24-81 | — | — | ✓ | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By [signature]
Deputy Supervisor

John L. Hardoin

OG159 (11-76-GSR1-5M)

WELL COMPLETION SKETCHES Su..-5036-4-A

| WELL | FIELD | DATE |
|---|---|---|
| "R.S.F." 63 | NEWHALL - POTRERO | 10-27-95 |

[X] PRESENT COMPLETION  [ ] SUGGESTED COMPLETION

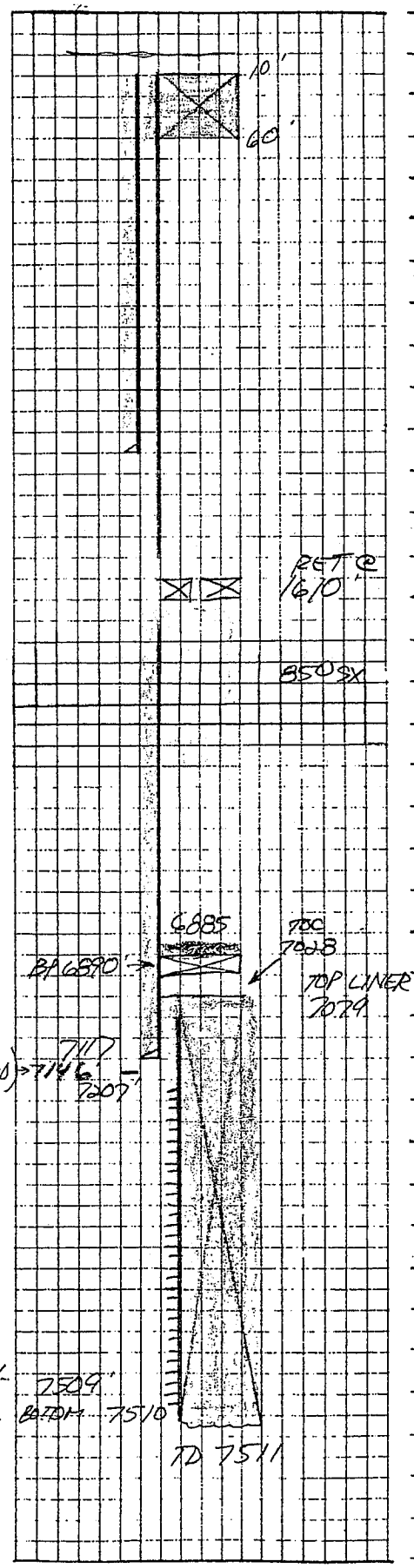
**PERMANENT WELL BORE DATA**

13 3/8" cem 398'

7" cem 7117'
perf 6920' w/SO
cp 1689', 2405' & 2671'

5 1/2" ld 7079'-7510'
perfs INT. 7207'-7509'

CEM PLUGS 7511-7018
BP 6690, CEM PLUG 6890'-6885', PLUGGED w/ 850SX
CEM BEL. RET @ 1610' & PLUGGED 60'-10'




**DATA ON THIS COMPLETION**

TOP OF 3RD ZONE 7146

OPERATOR San Oil
LSE & NO "RSF" 63
MAP 253

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| T NTION | Chevron | | | | | |
| NOTICE DATED | 10-17-80 | | | | | |
| P-REPORT NUMBER | 280-377 | | | | | |
| CHECKED BY/DATE | ET 1-22-81 | | | | | |
| MAP LETTER DATED | 1-24-81 | | | | | |
| SYMBOL | ⊕ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-20-80 | | | | | | | | | | | |
| HISTORY | 1-15-81 | | | | | | | | | | | |
| SUMMARY | 1-15-81 | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| D CTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | ✓ | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: Surface inspection 12-4-80. Site graded, no seepage. EPH

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 280-305

# DIVISION OF OIL AND GAS

## Report on Operations

L. B. Carroll, Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Santa Paula, Calif.
Dec. 17, 1980

Your operations at well "Rancho San Francisco" 63, API No. 037-12876, Sec. 27, T4N, R.17W SB, B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on —. —, representative of the supervisor, was present from — to —. There were also present —

On 10/16/80 Mr. J. Brittan reported to Ed Hickey, DOG engineer:

Present condition of well: additions to the casing record since proposal dated 10/17/80: plugged with cement 60'-5'.

The operations were performed for the purpose of abandoning the well

DECISION:

THE PLUGGING/CEMENTING OPERATIONS AS REPORTED ARE APPROVED.

B

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor

John L. Hardoin

OG109 (10-78-GSR1-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
OCT 2 1980
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO #63, API No. 037-12876, Sec. 27, T. 4N, R. 17W, SB B. & M., Newhall Potrero Field, Los Angeles County. commencing work on October 22, 1980.

The present condition of the well is:

1. Total depth: 7511'
2. Complete casing record, including plugs and perforations:

-See Attachment I-

3. Last produced 9-63 (Date) 14 (Oil, B/D) 2 (Gas, Mcf/D) 22 (Water, B/D)

or

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands: _____

The proposed work is as follows:

-See Attachment II-

Chmelov Gibson & Murray

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall, California 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L. B. Carroll Jr. 10/17/80
L. B. CARROLL, JR. (Name) (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

SUNRAY DX OIL COMPANY

SOUTHWESTERN DIVISION — NEWHALL DISTRICT

PR-4

# WELL SUMMARY REPORT

WORKOVER

Field NEWHALL-POTRERO

Well No. "RANCHO SAN FRANCISCO" #63-1D, Sec. 27, T. 4N, R. 17W, SB B. & M.

Location 2521.48' S & 1518.76' E from Corner "J", Los Angeles County, California

Elevation of K.B. above sea level 1083'.

K.B. above ~~Concrete Mat~~ Ground 8.66'.

Date December 22, 1965

Signed J. R. Hinkle, District Engineer

Contractor California Production Service

Type Rig Hopper Hoist, 96' Hopper Mast

Commenced Workover : December 9, 1965 (Date)

Completed Workover : December 14, 1965 (Date)

## WELL CONDITIONS PRIOR TO WORK

Total Depth 7511' Plugged Depth 7028'

13 3/8" 52.7# J-55 S.J. csg at 398' w/300 sx.
7" 23, 26#, J-55, N-80 csg at 7117' w/457 sx cmt. Shoe W.S.O.
Holes in 7" csg 2405' - sqzd w/335 sx.
Holes in 7" csg 2671' - sqzd w/32 sx.
4 - 1/2" Jet holes at 6920' - W.S.O.
4 - 1/2" Jet holes/ft(6945'-6975').
5 1/2" 17# F.J. liner from 7079'-7510' Perf'd w/192 - 1/4" holes/ft 7207'-7365', 7386'-7428', 7448'-7509'.
7" Model "D" Perm. Prod. pkr 7061' w/"DR" pkr plug installed.

Cement plug 7028'-7061'.

17 1/2" Hole to 398'.
11" Hole to 7117'.
6 1/8" Hole to 7511'- T.D.

## WELL CONDITIONS AFTER WORK

Total Depth 7511' Plugged Depth 6885'

13 3/8" 52.7# J-55 S.J. csg at 398' w/300 s
7" 23, 26#, J-55, N-80 csg at 7117' w/ sx cmt. Shoe W.S.O.
Hole in 7" csg 1689' - sqzd w/85
Sqzd dn 7" - 13 3/8" annulus w/300
Holes in 7" csg 2405' - sqzd w/335
Holes in 7" csg 2671' - sqzd w/32 s
4 - 1/2" Jet holes at 6920' - W.S.C
4 - 1/2" Jet holes/ft (6945'-6975')
5 1/2" 17# F.J. liner fr 7079'-7510' perf w/192 - 1/4" Holes/ft 7207'-7365', 7386'-7428', 7448'-7509'.
7" Model "D" Perm. Prod. pkr 7061' w/" plug installed.

Cement plug 7028'-7061'.

7" Model "N" C.I. bridge plug 6890'.
Cement plug 6885'-6890'
Model "K" C.I. cement retainer at 1
17 1/2" Hole to 398'.
11" Hole to 7117'.
6 1/8" Hole to 7511' - T.D.

DIVISION OF OIL AND G
RECEIVED
DEC 23 1965
INGLEWOOD, CALIF

Commenced Producing Idle (Date) Flowing/gas lift/pumping

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | - | | | | | |
| Production after _____ days | - | | | | | |

Electrical Log Depths _____ (Attach copy of Log)

FORM 107

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

RECEIVED
DEC 14 1965
INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. December 13 1965

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. Rancho San Francisco #63-1D
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, SB B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7511'
   PBTD 7028'

2. Complete casing record, including plugs:

13 3/8" 52.7#, J-55 SJ csg at 398' with 300 sx. cmt.
7" 23#, 26#, J-55, N-80, csg. at 7117' with 457 sx. cmt. Shoe WSO.
Holes in 7" csg. 2405' - sqzd with 335 sx.
Holes in 7" csg. 2671' - sqzd with 32 sx.
4-1/2" Jet holes at 6920' WSO
4-1/2" JHPF (6945-6975').
5 1/2" 17# FJ liner Fr/(7079'-7510')
Perf'd with 192-1/4" HPF (7207-7365') (7386'-7428') (7448'-7509')
7" Model "D" Perm. Prod. pkr. at 7061' with "DR" plug installed.
Cement plug 7028'-7061'. *Suspected holes in 7" csg.

3. Last produced. 10-65 (Date) | (Oil, B/D) | 581 (Water, B/D) | (Gas)

*Water injection

The proposed work is as follows:

1. Set cast iron Bridge plug between 5,000 to 6,000.
2. Locate hole in 7" csg.
3. Sqeeze off hole with 850 sx. Class "G" cement.
4. Pump 300 sx. cement down 7" - 13 3/8" annulus.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

23928 Lyons Avenue
Newhall, Calif.
(Address)

805-259-2440
(Telephone No.)

Sunray DX Oil Company
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

86833 8-63 10M SPO

SUBMIT LOG IN DUPLICATE

FILL T... BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA... ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 11 1948
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field Newhall Potrero

Well No. R. S. F. #63-3 Sec. 27, T. 4 N, R. 17 W, SB B. & M.

Location 2521.48'S.&1518.76'E. from corner "J" Elevation of kelly bushing / ground or conc. mat above sea level 1083' / 1074.34' feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date March 10, 1948 Signed R. E. Fres

R. M. Bischoff (Engineer or Geologist) T. J. Prehoda (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling 5-12-47 Completed drilling 8-27-47 Drilling tools Rotary

Total depth 7511' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing 8-29-47 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 460 | | 9.0 | 366 | 830 | 300 |
| Production after 30 days | 412 | | 4.4 | 509 | 300 | 780 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perforat |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 398' | Surface | 52.74# | New | Smls. | J 55 | 17½" | 300 | |
| 7" | 7117' | " | 23 & 26# | " | " | J50 & N80 | 11" | 457 | |
| 5½" | 7510' | 7079.37' | 16.87# | " | " | J 55 | 6 1/8" | | |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5½" | 7508.66 ft. | 7448.31 ft. | ¼" Rd - 192 holes/ft. | 16 | 1" | Shop |
| 5½" | 7427.66 ft. | 7385.81 ft. | " " | " | " | " |
| 5½" | 7365.05 ft. | 7206.95 ft. | " " | " | " | " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Electrical Log Depths 7511' (Attach Copy of Log)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12876

## Notice of Intention to Drill New Well 6

MAY 5 1947

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. May 1, 19 47

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 63-3, Sec. 27, T. 4 N SL R. 17 W SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2521.48 feet N. or S., and 1518.76 feet E. or W. from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor (Kelly Bushing) 1083 / ground 1080 / 1074.34 above sea level is feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7250 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74 | J55 slip jt. | 250 | Cemented |
| 7" | 23 & 26# | J 55 & N80 Smls. | 7250 | " |
| 5½" | 17 | J 55 Smls. | 7380 | Hung |
| | | | | |

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address BARNSDALL OIL CO.

Telephone number RI 5171

Barnsdall Oil Company
(Name of Operator)

By R. E. Ford
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| Map | Map Book | Cards | Bond | Forms 114 | Forms 121 |
|---|---|---|---|---|---|
| 18A JLW | JLW | ms | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

March 16, 1998

Bradford A. Dewitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Your report of the plugging and abandonment of well "Rancho San Francisco" 66, A.P.I. No. 037-10663, Section 27, T. 4N, R. 17W, SBB.& M., Newhall Potrero field, Los Angeles County, dated January 9, 1998, received January 23, 1998, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

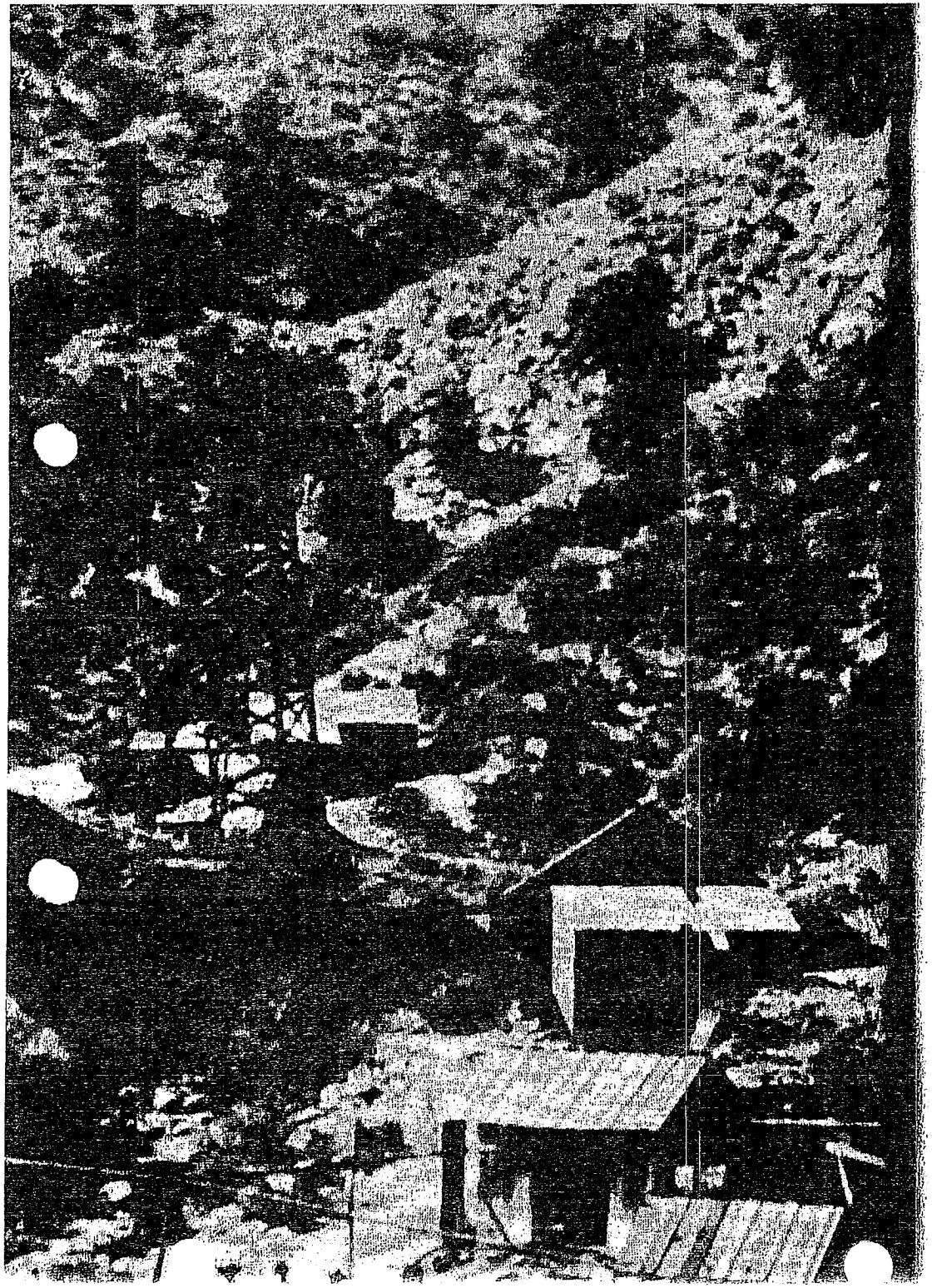
By
Patrick J. Kinnear
*Deputy Supervisor*

tkc

cc: Update

Modified OG159 (4/94)

"RSF" 66 037-10663



# 20

## Treasure Trove

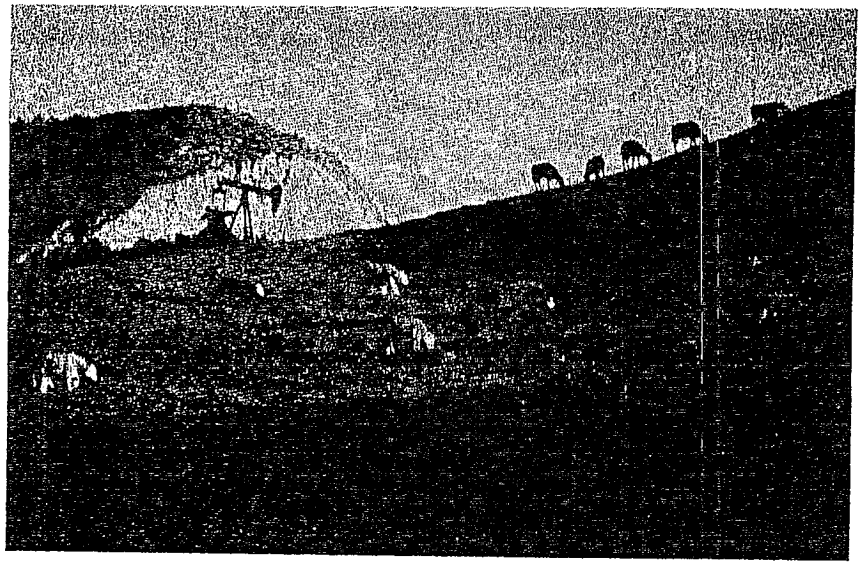
Atholl McBean had every reason to feel pleased with himself. He had turned the corner to success in his effort to make The Newhall Land and Farming Company a profitable business. The planning and hard work and creative management that McBean had applied to the company had proved themselves. The books that became Jim Finch's province were those of a healthy corporation. In 1935, the year that Finch settled into his office in the orange groves, prospects were brightening.

For McBean, who was not a Newhall stockholder and who had a handsome income of his own, it was not significant to his way of life whether or not the Newhall companies paid dividends. But for various members of the Newhall family, the cessation of dividends in 1933 had meant abandoning a well-cushioned lifestyle and trying to find a way in an unfamiliar world. Homes at the beach or on the shores of Lake Tahoe went on banks' for-sale lists. Teenagers who had assumed they would go to Yale or Stanford found themselves behind sales counters or in ships' engine rooms or greasing machinery or running tractors. They had a chance to see life as they had never seen it.

*Opposite: Pico Canyon.*

From the book:

Newhall, Ruth Waldo, "A CALIFORNIA LEGEND – The Newhall Land and Farming Company", published by the Newhall Land and Farming Co., 1992. Chapter 20, "Treasure Trove", pages 139 – 143.



*There is a Texas saying: "Nothing fattens a steer so much as standing in the shade of an oil well." These steers on the Newhall Ranch may not have been fattened by the well at left center, but their owners were. Note that well shapes had changed since those drilled sixty years earlier in Pico Canyon (page 138).*

McBean was anxious to start the dividends going again, as a badge of success. In June 1935, McBean informed the directors that possibly, if company affairs continued to improve, the following year would see dividends resumed on a modest basis. Seven months later, when the annual audit proved that the company had indeed made more than $100,000, the Newhall family stockholders found dividend checks in the mail.

Then came the unexpected event.

One of the continual minor sources of income over the years had been lease monies paid by various oil companies for rights to drill on the ranches, especially the Rancho San Francisco. The oil companies were aware that the first oil discovery in western America had been made in 1876 in Pico Canyon, less than a mile from the southern border of the Rancho San Francisco. And the tarry asphaltum seepage from the ranch's hillsides, used by the Indians of the region to waterproof their baskets, had led many people to believe that oil lay just under the surface. There had been oil discoveries in Placerita Canyon and other areas not far outside the ranch boundaries. Over the years, some



fifty different companies had leased Newhall land. Most of the leases had expired without any exploration, but both Union Oil and Associated Oil had drilled to 5,000 feet without success. Mayo Newhall, writing a history of the company as its president in 1928, said, "There is no indication that this ranch is an oil property."

In January 1935, McBean was called on by Patrick Calhoun, who had a distant relationship-by-marriage with the Almer Newhall family. Because of this connection, Calhoun, a retired corporation lawyer, had been assigned by the Barnsdall Oil Company to try to negotiate an oil lease for them on the Rancho San Francisco. He was then 80 years old, a striking Southern gentleman with a white mustache and erect bearing, who matched McBean in height and presence. He had come west from his native Louisiana, founded the Market Street Railway Company in San Francisco, had been deeply embroiled in politics, and had made and lost several fortunes. He bemoaned the fact that, at his age, he had nothing to leave his seven children and his many grandchildren. He told McBean that he felt his next fortune lay under the Newhall Ranch in the form of oil, which would bring a matching fortune to the Newhalls.

McBean was reluctant to sign another lease. However, the land that interested the Barnsdall Company was high in the Potrero hills—the grazing land near the Ventura County end of the ranch, far from any proposed agriculture or other development. McBean got the directors' concurrence to the lease in February 1935. It provided for a 12.5 percent royalty for Newhall Land.

News of the lease spread through the petroleum community, and a group of Los Angeles investors approached McBean with the offer to buy half the anticipated royalties—6.25 percent of the oil produced—for $40,000. That sum sounded handsome at the time, and McBean went to the experts for advice. Geologist Harry Johnson, whose instincts for productive oil land were highly regarded, was hired to look over the terrain and advise as to whether a sure $40,000 might be better than the chances on still-unseen petroleum. Johnson came back from his investigations with the report that he could assure nothing but that he held high hopes for Potrero Canyon as an oil site. McBean decided to take the risk and keep the whole royalty on the Barnsdall exploration.

It was a year and a half after the lease was signed—August 10, 1936—that the Barnsdall equipment was finally in place, and a drill bit cut into the rough brushy ground in Potrero Canyon. The hole under the drill shaft was christened Rancho San Francisco No. 1, or RSF 1. On December 23, the family got their Christmas present: RSF 1 had hit oil sands at 6,100 feet. Though oil

was not yet flowing, the prospects were excellent. The Newhall Land and Farming Company declared a Christmas dividend. The hard days were over.

Steady production began the following March 22, when RSF1 flowed 118 barrels a day, a good average yield. It later was deepened twice, and each time, production was increased. Within the ensuing months, a second well produced 631 barrels a day. The Potrero was a major field. Petroleum engineers and geologists joined the Newhall staff. In 1944, Barnsdall drilled its forty-fourth well nearly a mile deeper than RSF1 and found a new pool. RSF66 in 1946 went more than three miles into the earth. It became one of the world's deepest producing wells and opened still another pool.

After the Barnsdall discovery, the rush was on for leases on the ranch. One of the new lessees, the Humble Oil Company of Texas, had drilled thirteen dry holes in Southern California, with only one minor strike of less-than-commercial value. Humble took a lease in 1948 just west of Castaic Junction near where the Indians had found their asphaltum. They set their drill into the dry bed of the Santa Clara River. At a depth of 225 feet, they hit a fine artesian spring, which was welcomed for irrigating the ranch. Drilling continued, and in January 1950, the bit struck oil. It was a modest but satisfactory find, and Humble promptly leased more land. Seven other wells were drilled over the next two years. The seventh came in at the rate of 704 barrels a day—the major California discovery of the year.

At every meeting, the company's board of directors was asked to approve new oil and gas leases as producers flocked onto the ranch. McBean regretted the liberal terms he had given Calhoun for the Barnsdall lease, with a majority of the royalties accruing to Calhoun rather than Newhall. McBean, like his predecessors, had believed that oil drilling on the ranch was a futile exercise. His later appointment of Jim Finch, the company's most expert and penny-wise negotiator, to take over the company's petroleum division was assurance that there would be no more giveaways.

McBean was not content simply to strike unexpected riches. He explored every opportunity of making the most of them. At the time, oil technology could extract about 15 percent of the underground deposits. Through his Standard Oil contacts, McBean heard that better systems had been developed. He hired oil engineer Ernest Parks to study the matter and learned that if the gas that comes from an oil well is reapplied under pressure, the well's yield could be increased to around 50 percent or a little more. As soon as the war ended and materials were available, both Barnsdall and Humble built huge repressuring plants in their hilly fields. Petroleum production leaped.



The oil profits multiplied and presently became the major source of Newhall Land and Farming Company income. As family members rejoiced, McBean announced dourly at stockholders' meetings: "That oil money is not for diamonds and mink coats. It is for investment. One day soon the oil will be gone." McBean pointed to federal tax law, which gave owners of oil-producing properties a 26 percent depletion allowance—presumably to replace their depleted properties. He intended to use it for that purpose.

He eagerly looked for land investments. There seemed to be no end to growth of the company fortunes. New directions lay ahead to be explored, and now there was money on hand with which to explore them.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles
Well "Rancho San Francisco" 66 Sec. 27, T 4N, R 17W, S. B. B. & M.
A.P.I. No. 037-10663 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)
Date January 9, 1998

Signature Claude D. Fiddler

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1997 | |
| 9/18 | MIRU coil tubing unit (CTU) w/Class II BOPE. RIH w/CT, tagged down at 12,115 ft. Mixed and pumped 142 sxs Class "G" cmt w/40% silica flour (230 $ft^3$) in 4-1/2" drill pipe liner and 7" casing to 9819 ft. PUH. SIWFN. |
| 9/19 | Tagged cmt at 9817 ft w/CT. Tag witnessed by Paul Cronmiller, DOGGR. Mixed and pumped 320 bbls 9.6 lb/gal mud from 9817 ft to 1200 ft. POOH w/CT. RU perforators. RIH. Made cavity shot at 1150 ft, PUH to 145 ft, and shot eight 1/2" holes. RD perforators. RIH w/CT to 1150 ft. Mixed and pumped 66 $ft^3$ of Class "G" cmt and plugged from 1150 ft to 850 ft. POOH. SIWFN. |
| 9/22 | RIH w/CT. Tag cement plug at 849 ft, spot 28 bbls 9.6 lb/gal mud. Filled 7" casing to 145 ft. Tag and mudding witnessed by Paul Cronmiller, DOGGR. POOH. Pumped 221 sxs Class "G" cmt down 7" casing and up 7"x13-3/8" annulus with returns to surface. RD CTU. SIWFN. |
| 9/23 | Found top cmt at 138 ft. Filled 7" casing w/28 sxs Class "G" cmt and 7"x13-3/8" annulus w/52 sxs Class "G" cmt. |
| 11/20 | Completed abandonment, welded cap and marker, cleaned and cleared well location. |

RECEIVED
JAN 23 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T297-271

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
October 20, 1997

Your operations at well "Rancho San Francisco" 66, API No. 037-10663, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 9-29-97. Steve Mulqueen, representative of the supervisor, was present from 0900 to 1000. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 401'; 7" cem 10,668', perf 10,219' WSO, cp 145', 10,221', 10,225', perfs @ int 10,315'-10,575', cav shot 1150'; 4 1/2" cem 10,131'-14,506', perf 11,780' WSO, perf 12,475' WSO & perf 14,149' WSO, cp 13,601', perfs @ int 11,780'-13,015' & perfs @ int 13,685'-14,501'. Junk below 12,179'. TD 14,509'. Plugged w/ cem 12,115'-9817', 1150'-849' & 145'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

S80/80/40 - 7th

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| ✓ | — | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Rancho San Francisco" #66, API No. 037-10663, Sec. 27 T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on September 1, 19 97.

WSF

The present condition of the well is:

1. Total depth Effective depth 12,470 FT; cement plugs 14,063 FT - 13,843 FT; 12,647 FT - 12,470 FT
2. Complete casing record, including plugs and perforations (present hole)

Please see below.

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected Prior to 10/92 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

Please see attached **Proposed Abandonment Program.**

RECEIVED
AUG 14 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**Complete Casing Record** (see No. 2 above):
13-3/8" 54.5# J-55 cmtd @ 405 FT.
7" 26#, 29# & 32# J-55 & N-80 casing cmtd @ 10,668 FT.
4-1/2" DP liner cmtd @ 14,506 FT, 7" x 4-1/2" lap sqz'd w/cmt 10,136 FT - 10,137 FT, WSO holes @ 11,780 FT, 12,087 FT, 12,475 FT; perf'd four 1/2" HPF 11,800 FT - 12,050 FT, 12,118 FT - 12,170 FT.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 Mohawk Street, Suite 154 (Street)
Bakersfield, CA 93309 (City) (State) (Zip)
Telephone Number ( ) 805/635-0465 (Area Code) (Number)

Medallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
Claude D. Fiddler (Signature) 8-11-97 (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

**PROPOSED ABANDONMENT PROGRAM**
**RANCHO SAN FRANCISCO WELL #66**
**NEWHALL-POTRERO FIELD, LOS ANGELES COUNTY**

1. RU Coil Tubing Unit (CTU), install Class II BOPE. RIH and lay a Class "G" cement plug in 4-1/2" DP liner and 7" casing from top of junk (junk scraper on top of gauge cutter) at 12,179 FT to 10,031 FT. Tag cement plug, DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay base mud from 10,003 FT to 1,150 FT.

2. RU perforators, RIH with cavity shot gear to 1,150 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,150 FT to 1,050 FT. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72# clay base mud from 1,050 FT to 100 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 100 FT. RD perforators. RIH with coil tubing and circulate surface plug into 7" x 13-3/8" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make final inspection of location after restoration.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 285-3

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Explor & Prod Co.
Box 55060
Valencia, CA 91355

Santa Paula, Calif.
Jan. 11, 1985

Your operations at well "Rancho San Francisco" 66, API No. 037-10663, Sec. 27, T.4N, R.17W, SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 12/10/84. S. Mulqueen, representative of the supervisor, was present from 1130 to 1230. There were also present Steve Moreland

Present condition of well: 13 3/8" cem 401'; 7" cem 10668', cp 10221' & 10225', perf 10219' WSO, perfs 10315-10468' (cem off); 4 1/2" cem 10131-14506', cp 10136', perf 11780', 12475 & 14149' WSO, perfs 11800-12050', 12118-12170' & 12585-14501', hole at 13601' (cem off) Junk below 12179'. TD 14509'. Plugged w/cem 14063-13843' & 12647-12470'.

The operations were performed for the purpose of demonstrating that the injected fluid is confined to strata below 10,668'.

DECISION:

THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 10668' AT THIS TIME.

b

M. G. MEFFERD

Murray W. Dosch

Murray W. Dosch

OG109 (9/83/GSR1/15M)

ORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

RECEIVED
AUG 10 1967
INGLEWOOD, CALIFORNIA

# Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. 19

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. (037-10663) "Rancho San Francisco" #66-7
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, SB B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 14,509'
   PBTD 12,470'

2. Complete casing record, including plugs:

   (see attached)

3. Last produced. June, 1967 (Date) 11 (Oil, B/D) 1 (Water, B/D) 42 (Gas Mcf/D)

The proposed work is as follows:

1. Move in workover rig, kill well, and install BOE.
2. Scrape liner from (10,131-12,175').
3. Unload well down to 8200'.
4. Perforate lower 7th Zone from (12,118-12,170') w/4-1/2" standard glass jet holes per foot.
5. Run production string and place well on gas lift.

Alter Casing

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | Blanket | W2 | A2 |

23928 Lyons Avenue
Newhall, California 91321
(Address)

805 259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

81988-705 10-66 15M OSP

SUBMIT LOG IN DUPLICATE

STATE PRINTING OFFICE

FILL TI ANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA NLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

JAN 22 1949

LOS ANGELES, CALIFORNIA

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco "66-9" Sec. 27, T. 4 N., R. 17 W., S.B. B. & M.

Location 1311' S. & 2300' E. from Corner "J" Elevation of kelly bushing / ~~ground or~~ conc. mat above sea level 1183 / 1180 / 1174.16 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date January 20, 1949 Signed R. E. Foss

H. M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title R. E. FOSS Agent (President, Secretary or Agent)

Commenced drilling 9-4-47 Completed drilling 12-27-48 Drilling tools Rotary

Total depth 14,509' Plugged depth 14,503'

Junk

GEOLOGICAL MARKERS DEPTH

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Commenced producing 12-29-48 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 55 | 28.5 | 1.6 | 20 | 260 | 750 |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemen if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 401' | Surface | 54.5# | New | Smls. | J55 | 17 3/8" | 350 | |
| 7" | 10,668' | Surface | 32,29,26& 23# | New | Smls. | N80 | 12¼" & 11" | 681 | 9 sx-102<br>32 " 102<br>40 " 104 |
| 4 1/2" | 14,505.5 | 10130.93 | 16.6# | Used | Smls. | "E" d.p. | 5 7/8" | 326 | 13601-br<br>10131-la |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 4½" | 14501 ft. | 14430 ft. | ½" - 4 holes per ft.-240 holes | | | McCullough Gun |
| 4½" | 14413 ft. | 14161 ft. | " " " 380 " | | | " " |
| 4½" | 14396 ft. | 14236 ft. | " " " 320 " | | | " " |
| 4½" | 14146 ft. | 13936 ft. | " " " 620 " | | | " " |
| | ft. | ft. | Total 1560 " | | | |

Electrical Log Depths 14509' (Attach Copy of Log)

JCM-JSH

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GA
RECEIVED
AUG 26 1947
LOS ANGELES, CALIFORNI

## Notice of Intention to Drill New Well 3

This notice must be given and surety bond filed before drilling begins

037-10663

Los Angeles Calif. August 22 1947

DIVISION OF OIL AND GAS

Los Angeles. Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco #66-6", Sec. 27, T. 4 N., R. 17 W., SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1311 feet N. or S., and 2300 feet E. or W. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor ~~ground~~ above sea level is Kelly bushing 1183 / 1180 / conc. mat 1174.16 feet.

We estimate that the ~~first productive oil or gas~~ Top 6th zone and should be encountered at a depth of about 10,100 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 52.74# | Smls. slip jt. | 450' | cemented |
| * 9 5/8" | 36 & 40# | J 55 | 8,300' | cemented |
| 7" | 23,26,29,32# | N 80 | 10,100' | " |
| 5½" | 17# | N 80 | 10,500' | Hung |

* Protection string only

Well is to be drilled with rotary ~~cable~~ tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Blvd., Los Angeles

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. E. Foss
Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CALIF | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JKW | JKW | | Blanket | | |

OPERATOR
WELL NO.
MAP 223

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Filed | | | | | |
| NOTICE DATED | 7-[illegible]-82 | | | | | |
| P-REPORT NUMBER | 222-91 | | | | | |
| CHECKED BY/DATE | MS/10-18-82 | | | | | |
| MAP LETTER DATED | 10-23-82 | | | | | |
| SYMBOL | ✦ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'd | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-3-82 | | | | | | | | | | | |
| HISTORY | 6-27-82 | | | | | | | | | | | |
| SUMMARY | 9-22-82 | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
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ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. | 5-5-82 | | | | | |
| FINAL LETTER OK | ✓ | | | | | |

FINAL LETTER MAILED 10/15/82

REMARKS:

RELEASED BOND

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

October 15, 1982

Mr. L. B. Carroll, Jr., Agent
Sun Exploration & Production Co.
P. O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 86 (Name and number), A.P.I. No. 037-13265, Section 27, T. 4N, R. 17W, S. B. B. & M., Newhall-Potrero field, Los Angeles County, dated 9/22/82, received 9/23/82, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | MG 10-23-82 | | | EDP ✓ | ✓ |

M. G. MEFFERD
*State Oil and Gas Supervisor*

By Murray W. Dosch
*Deputy Supervisor*

Murray W. Dosch

OG159 (11-76-GSR1-8M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
JUN 23 1982
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION
Field or County Newhall Potrero
Well RSF #86 Sec. 27, T 4N, R 17W SB B. & M.
A.P.I. No. 037-13265 Name L. B. CARROLL, JR. (Person submitting report) Title Agent (President, Secretary or Agent)
Date 6/21/82, 19

Signature L. B. Carroll Jr

P. O. Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1982 | |
| 3/23 | TD 8007/PBTD 7820/13-3/8" 54.5# J-55 CSG @ 309' CMTD w 280 SX/7" 23#, 26# & 29# J-55 N-80 CSG @ 7548' CMT w 600 SX/5½" 17# J-55 LNR SET @ 7812 w TOP @ 7515/ PERFD w 4½" HOLES PER FT 7010-7200, 7541-7653, 7693-7811/ MIRU (CPS) BLED WELL DN/INSTL BOE/POOH w SHORT STG/SIFN/ |
| 3/24 | PULL 90,000# ON LONG STG/PKR DID NOT REL/RU COAST WIRELINE/RETRIEVE GL VALVE @ 6914/REL PKR/POOH LD LONG STG/RIH w 2-3/8" TBG TO 7815, PMPD 440 BBL 72# MUD, WELL TAKING FLUID/SIFN/ |
| 3/25 | PMP 500 BBLS LSE WTR NO RTNS/POOH w TBG/RI & SET CMT RET @ 6970/EST BRK DN (4 BPM @ 1600 PSI/UNSTAB/MX & PMP 110 FT³ CL "G" CMT/STAB IN/MX & PMP 62 FT³ CL "G"/ DISPL w 105 FT³ WTR 300# @ 4 BPM/UNSTAB/PMP 22 FT³/POOH TO 6850/REVERSE TBG CLN/ POOH w TBG REMOV STGR/RIH w STC TO 5000'/SIFN/ |
| 3/26 | RIH w 2-3/8 TBG TAG CMT @ 6863/WITNESS & OK'D BY DOG (FRED TAYLOR) CHG OVR TO 72# MUD/POOH/RU GEARHART/PERF 4 - ½" HOLES @ 1180/RIH w BKR MOD "K1" CMT RETAINR & SET @ 1080/EST BRK DN OF 5 BPM @ 800 PSI/MX & PMP 230 FT³ CL "G" CMT (5 BPM @ 350 PSI)/UNSTAB/DISPL w 15 FT³ MUD/POOH/SIFN/ |
| 3/27 | RIH TAG TOP OF CMT PLUG @ 970/WITNESS & OK'D BY DOG (ROB HABEL)/POOH TO 60'/MX & PMP 12 FT³ CL "G" CMT/RTNS TO SURF/POOH/RD/MOVE RIG TO RSF #67/DROP FRM RPT UNTIL SURF WRK COMPLETE/ |
| 4/20 | COMPLETED P&A SURF WRK/ |
| 5/7 | FINAL REPORT/ |

FORM OG111(10/81/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 282-91

500 (field code)
00 (area code)
30 (new pool code)
30 (old pool code)

# REPORT ON PROPOSED OPERATIONS

Mr. L.B. Carroll, Jr., Agent
Sun Exploration and Production Co.
P.O. Box 55060
Valencia, CA 91355

Santa Paula, California
March 10, 1982

Your proposal to abandon well "Rancho San Francisco" 86,
A.P.I. No. 037-13265, Section 27, T. 4N, R. 17W, SB B. & M.,
Newhall-Potrero field, any area, 5th pool,
Los Angeles County, dated 3/1/82, received 3/3/82 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. All portions of the hole not plugged with cement shall be filled with inert mud fluid having a minimum density of 72 lbs/cu.ft. or a minimum gel shear strength (10 min) of 20 lbs/100 sq.ft., (30 sacks of Bentonite per 100 bbls. of water).
3. Blowout prevention equipment of at least DOG Class II 2M, shall be installed and maintained in operating condition at all times.
4. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
5. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS the location and hardness of the cement plugs at 6876' or above, at 980' or above and the placing of the cement plug in the hole and 13 3/8" x 7" annulus from 30' to 5'.
   b. TO INSPECT the well site after cleanup and restoration operations are completed.

well site restored 5/5/82 MS

MD:b

M. G. MEFFERD, State Oil and Gas Supervisor

By Murray W. Dosch
Murray W. Dosch, Deputy Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
MAR - 3 1982
SANTA MARIA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO #86, API No. 037-13265, Sec. 27, T. 4N, R. 17W, ____ B. & M., NEWHALL-POTRERO Field, LOS ANGELES County. commencing work on APRIL 1, 19 82.

The present condition of the well is: PRODUCER

1. Total depth: 8007'

2. Complete casing record, including plugs and perforations:

SEE ATTACHMENTS A & B

3. Last produced 1/82 (Date) 4 (Oil, B/D) 5 (Gas, Mcf/D) 9 (Water, B/D)

or

4. Last injected NONE (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands:

The proposed work is as follows:

1. MIRU INSTALL BOP. FILL HOLE W/LEASE WATER. POH W/TBG & PACKERS.
2. RIH W/SAWTOOTH COLLAR ON BOTTOM OF 2-7/8" TBG. TO TD 7812'.
3. RU HOWCO. SPOT A BALANCED PLUG FROM TD TO 6870' W/APPROX 220 SX. CLASS 'G' CEMENT.
4. POH TO 5000'. WOC 4 HRS. CONTACT DOG. TAG TOC.
5. RU PERFORATORS AND PERF. 4-1/2" HOLES AT 1180' (BASE OF F/W SANDS).
6. RIH W/CEMENT RETAINER AND STRINGER ON TBG AND SET AT 1080'. PUMP 200 SX. CLASS 'G' CEMENT.
7. UNSTAB FROM RETAINER AND LAY A 100' BALANCED PLUG ON TOP OF RETAINER.
8. CONTACT DOG AND TAG TOC.
9. LAY A 25' CMT. PLUG (30'-5') W/9 CU FT OF CLASS 'G'. CONTACT DOG.
10. CUT CSG. 5' BELOW SURFACE. REMOVE CELLAR AND LINES AND CLEAR LOCATION. WELD ON PLATE AND INSTALL SURFACE MARKER. CONTACT DOG.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W RYE CANYON ROAD (Street)
VALENCIA, CALIFORNIA 91355-0560 (City) (State) (Zip)
Telephone Number 805/257-6200

SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION (Name of Operator)
By L. B. Carroll Jr. (Name) 3-1-82 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

JS.
RNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

4

MAY 20 19
LOS ANGELES, CALIFORNIA

037-13265

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. May 19 19 49

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" "86-3", Sec. 27, T. 4 N. R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County. J6

Lease consists of

The well is 1263.39 feet ~~N.~~ or S., and 884.60 feet E. ~~or W.~~ from Corner "J"
(Give location in distances from section corners or other corners of legal subdivision)

The elevation of the ~~ground or~~ kelly bushing above sea level is 909.49 feet.
conc.mat 899.49

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7600 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54# | J-55 | 250' | Cemented |
| 7" | 23 & 26# | N-80 & J-55 | 7600' | Cemented |
| 5-1/2" | 17# | N-80 | 7950' | Hung |
| | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW | JLW | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

BARNSDALL OIL COMPANY
(Name of Operator)

Telephone number RI 5171

By R. E. Foss
R. E. FOSS Agent

FR-JSH

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

SUBMIT LOG IN DUPLICATE

PRINTING OFFICE

FILL T LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF P/ LY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco "86-3" Sec. 27, T. 4 N., R. 17 W., S.B. B. & M.

Location 1263.39' S. & 884.60' E. from Corner J Elevation of ~~ground~~ kelly bushing above sea level 909.49' feet.
conc. mat 899.49'

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date July 21, 1949 Signed R. E. Foss

H. M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title R. E. FOSS Agent (President, Secretary or Agent)

Commenced drilling 5-22-49 Completed drilling 7-14-49 Drilling tools Rotary

Total depth 8007' Plugged depth 7820'

Junk None

GEOLOGICAL MARKERS DEPTH

Commenced producing 7-14-49 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| 7-14-49 Initial production | 549 | 31.0 | 2.1 | 375 | 280 | 1200 |
| 7-18-49 Production after 4 days | 481 | 31.8 | 1.6 | 441 | 300 | 1150 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemen if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13 3/8" | 309' | Surface | 54.5# | New | Smls. | J-55 | 17"&12¼" | 280 | |
| 7" | 7548' | Surface | 29,26,23# | New | Smls. & Elec. Weld | J55,N80 | 11"&7 5/8" | 600 | |
| 5-1/2" | 7812' | 7515' | 17# | New | Smls. | J-55 | 7 5/8" | Hung | |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 7811 ft. | 7693 ft. | 192 - 1/4" Rd. holes/ft. | 16 | 1" | Western Perf. Co. |
| | 7653 ft. | 7541 ft. | " " " | 16 | 1" | " " " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 8007' (Attach Copy of Log)

FR-JSH

03. 62984 9-46 47,500
ORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho San Francisco 86-3, Sec. 27, T. 4 N., R. 17 W., S.B. B. & M.

Signed R. E. Foss
R. E. FOSS

Date July 21, 1949 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1949 | | |
|---|---|---|
| 5-22 | Depth 55' | Spudded in w/12 1/4" bit. |
| 5-23 | Depth 325' | Opened 12 1/4" hole to 17" to 309' |
| 5-24 | | Ran & cemented 13 3/8" - 54.5# - J-55 csg. @ 309' w/250 sx. cmt. Recemented from surface w/30 sx. |
| 5-25 | Depth 1006' | Drilled out cement from 299' to 309' w/11" bit. |
| 6-27 | Depth 7548' | First Run Schlumberger Electric Log to 7548'. |
| 6-28 | Depth 7568' | Reduced hole @ 7548' from 11" to 7 5/8" & drilled & cored ahead. |
| 7-5 | Depth 8007' | Second Run Schlumberger Electric Log to 8007'. |
| 7-6 | | Ran 7" - 29#, 26# & 23# N-80 & J-55 csg. Cemented @ 7548' w/600 sx. |
| 7-8 | Depth 7538' | Drilled out cement from 7319' to 7538' w/6" bit. |
| 7-9 | Depth 7538' | Shot 4 - 3/8" holes @ 7535' w/McCullough Gun. Ran Johnston Tester on 7171.08' of 2½" E.U. tbg. & 304.40' of 3½" - 13.30# D.P. Set packer @ 7496' w/tailpc. to 7513'. Opened valve for 1 hr. thru a 3/8" bottom bean using 1015' of mud cushion. Light blow 2 min. Weak blow 1/2 min. & dead for 57½ min. Recovered 15' net of drilling fluid. Test witnessed & W.S.O. approved by Lloyd White of the Division of Oil & Gas. |
| | Depth 8007' | Drilled out cement 7538' to 7544' & cleaned out hole to bottom w/a 6" bit. |
| 7-10 | Depth 8007' | Laid a cement plug from 8007' to 7799' w/2½" E.U. tbg. hung @ 8006'. Used 15 sx. cement. Had scratchers on tbg. & scratched hole from 7820' to 7860'. |
| 7-11 | Depth 7820' | Hit top of cement @ 7799' & drilled out to 7820' w/a 6" bit. |
| 7-12 | Depth 7820' | Hung 5-1/2" - 17# perf. & blank liner @ 7812' w/hanger @ 7515'. |
| 7-13 | Depth 7820' | Hung production tubing @ 7773'. Changed from mud to salt water to oil. |

FR-JSH

WELL COMPLETION SKETCHES SC... 5036-4-A

| WELL | FIELD | DATE |
|---|---|---|
| "RSF" 102 | NEWHALL - POTRERO | 10-27-95 |

[X] PRESENT COMPLETION [ ] SUGGESTED COMPLETION

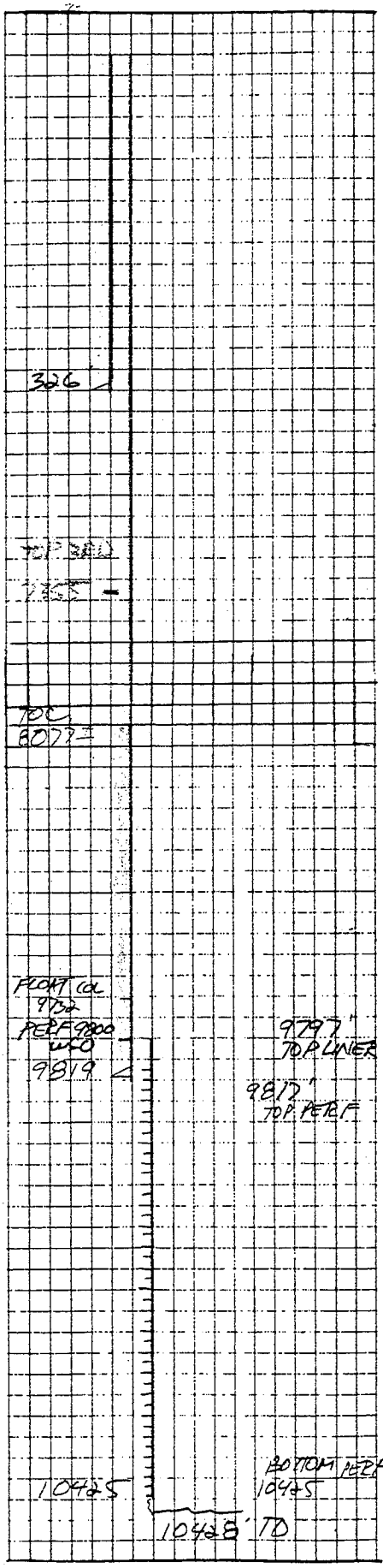
**PERMANENT WELL BORE DATA**

13 3/8" cem 326'

7" cem 9819'
perf 9800' WSO

5 1/2" ld 9797'-10424'
perfs 9817'-10425'

TD 10428'




**DATA ON THIS COMPLETION**

TOP OF 3RD 7355'

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
MAY 5 1952
LOS ANGELES

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. (R.S.F. #102-6 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 2386' S. & 3394' E. from Corner "J" Elevation of ~~ground or~~ kelly bushing above sea level 1314.08 feet.
conc. mat 1300.78

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date April 23, 1952 Signed R. E. Foss dg

H. M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title R. E. Foss Agent (President, Secretary or Agent)

Commenced drilling December 19, 1951 Completed drilling March 11, 1952 Drilling tools Rotary

Total depth 10,428 ft. Plugged depth --

Junk None

GEOLOGICAL MARKERS DEPTH

Commenced producing March 12, 1952 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 1,044 | 36.5 | 0.2 | 944 | 220 | 800 |
| Production after 30 days | 276 | 37.6 | 0.2 | 225 | 620 | 1,300 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemen if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 326' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 238 | -- |
| 7" | 9,819' | Surface | 23,26,29# | New | Smls | J-55,N-80 | 11" | 600 | -- |
| 5-1/2" | 10,424' | 9,797' | 17# | New | Smls | J-55 | 5-7/8" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 9,817 ft. | 10,060 ft. | 192 - 1/4" Rd. Holes/Ft. | 16 | 1" | Shop |
| | ft. | ft. | Undercut to 3/8" | | | |
| | 10,129 ft. | 10,257 ft. | " | 16 | 1" | Shop |
| | 10,329 ft. | 10,425 ft. | " | 16 | 1" | Shop |
| | ft. | ft. | | | | |

Electrical Log Depths 9,865 feet and 10,410 feet (Attach Copy of Log)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
DEC 18 1951
LOS ANGELES

037-13282

## Notice of Intention to Drill New Well

7

This notice must be given and surety bond filed before drilling begins

Newhall Calif. Dec. 13 1951

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 102-6, Sec. 27, T. 4 N R. 17 W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2386 feet N. or S., and 3394 feet E. or W. from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushing or conc.mat above sea level is 1314.08 1300.78 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9,800 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13 3/8" | 54.5# | J-55 Smls. | 300' | Cemented |
| 7" | 23,26, and 29# | J-55, N-80, Smls. | 9800' | " |
| 5 3/8" | 17# | J-55 Smls. | 10365 | Landed |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. Foss
R. E. Foss Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | 12-18-51 | | | | |

12-18-51

The Resources Agency of California
Department of Conservation
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# WELL STATUS INQUIRY

Ventura ,Calif.

May 12, 2005

To: Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield CA 93308

In a notice dated 03/16/2004 , you propose to rework
Well "Rancho San Francisco" 107 API number 037-13286
Field Newhall-Potrero , County Los Angeles , Sec. 27 ,T. 4N ,R. 17W , SB B.&M.

Please indicate below the conditions or intentions regarding this proposed work, and return the completed form to this office within 10 days.

Hal Bopp,
*State Oil and Gas Supervisor*

ms

By

☐ PROPOSED WORK HAS BEEN DONE. (If you check this box, please file the required well records on this work in duplicate within 60 days after work was completed.*)

☐ PROPOSED WORK IS IN PROGRESS AND SHOULD BE COMPLETED ABOUT _____.
*(date)*

☐ PROPOSED WORK HAS NOT BEEN DONE, BUT WE STILL INTEND TO DO THE WORK.**

☐ SUPPLEMENTARY NOTICE (Form OG123) ATTACHED.

☐ PLEASE CONSIDER THIS FORM AS A SUPPLEMENTARY NOTICE.

☐ WE DO NOT INTEND TO DO THE PROPOSED WORK. Please cancel our notice to _____

_____, dated _____.

☐ OTHER: _____

_____
*(Signature)*

_____
*(Name and title)*

* Division 3 of the *Public Resources Code* states, in part:
Section 3215, ...Well records shall be filed 60 days after completion or suspension of proposed work.

** Section 3203, ...If operations have not commenced within one year of receipt of the notice, the notice will be considered canceled. (To prevent cancelation, file a Supplementary Notice with the division.)

OGD3 (12/97)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P204-33

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)

00
(area code)

32
(new pool code)

32
(old pool code)

Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield, California 93308

Ventura, California
April 2, 2004

Your _____ proposal to rework _____ well "Rancho San Francisco" 107, A.P.I. No. 037-13286 Sec. 27, T. 4N, R. 17W, SB B.&M., Newhall-Potrero field, ---------- area, 5th/6th pool Los Angeles County, dated 03/16/2004 received 04/01/2004 has been examined in conjunction with records filed in this office.

## THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. This office shall be consulted before initiating any changes or additions to this proposed operation or if operations are to be suspended.

Blanket Bond
SAF:saf

Engineer Steven A. Fields

Phone (805) 654-4761

~~Hal Bopp~~, State Oil and Gas Supervisor

By _____ for B. Acosta
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

# Well: RSF No. 107

**API No.: 037-13286**
**Sec 27, T4N-R 17W**
**Field: Newhall Potrero**
Medallion California Properties Company

RECEIVED
APR - 1 2004
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES VENTURA, CALIFORNIA

## Repair Casing Hole

## Wellbore and Data

| | | |
|---|---|---|
| **T.D.:** | 10424' | **Spud Date:** 6/30/52 |
| **PBTD:** | 10422' | **Orig. Completion Date:** 9/18/52 |
| **Casing:** | 13-3/8", 54.5# csg | 0' - 406', cmt'd w/ 275 sacks |
| | 7", 23# ,26# & 29# J-55 & N-80 casing | 0' – 10030', cmt'd w/ 600 sacks. |
| | 5 ½", 17# J-55 Liner | 10006' to 10422' |
| **W.S.O.:** | At 10005' and 9645' | |

**Cored:** NA

**Original Perforations:** 10028' – 10227' and 10304' – 10383' with 192 ¼" round holes per foot with 16 rows on 1" centers. 6th Zone.

**Perforations (1/26/61):** 9728' to 9895' with 4 JPF. 6th Zone.

**Elev:** All depths refer to K.B. measurements, 13.0' above the mat.

## Status

On March 24, 2004 the field operator found drilling mud in the flow line. The well was shut-in. Medallion proposes to identify casing hole location and make repairs.

# Well: RSF No. 107

## Recommended Procedure

1. MIRU. POOH with rods and DHP.
2. PU 6" bit, 7" casing scraper. GIH to top of 5 ½" FJ Liner at 10006'. POOH.
3. PU and GIH with a 7" Retrievable BP and set at ±9700'
4. Reverse circulate mud in hole with lease water. POOH
5. Spot two (2) sacks of sand on top of RBP. POOH.
6. PU and GIH with 7" RTTS packer. Pressure test casing to determine hole location.
7. Pump into hole to determine pump rate and pressure. Open 7" x 13-3/8" annulus valve at surface, attempt to establish circulation at surface.
8. Depending on pump in rate and whether the annulus can be circulated select appropriate length tubing tail for squeeze cement work.
9. RU Cement Manifold and Pump Truck. Test all lines and connections to 2000 psi.
10. Circulate down the tubing and out the casing annulus. Pump-in 10 barrels of water, 400 sacks of cement and 5 bbls of fresh water. Displace with lease water.
12. Depending on pump in rate and pressure, hold final squeeze pressure overnight.
13. Release RTTS packer and POOH.
14. PU and GIH with a 6" bit and 3 drill collars on 2 7/8" tubing
15. Drill out cement.
16. Pressure up 7" casing to 2000 psi for 15 minutes to test casing and squeeze perforations. POOH.
17. MU RBP retrieving head on tubing. RIH
18. Reverse circulate on bottom and displace hole with filtered lease water.
19. Swab well down to ±8000'.
20. Release RBP and POOH.
21. MU suction sand bailer RIH to TD and clean out mud in liner. POOH.
22. PU and GIH with BHA and tubing anchor on 2 7/8" tubing string. ND BOP's.
23. GIH with DHP and rods.
24. RD/MO service rig.
25. Return well to production.

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APR - 1 2004
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES VENTURA, CALIFORNIA

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 3 1952
LOS ANGELES, CALIFORNIA

037-13286

## Notice of Intention to Drill New Well 3

This notice must be given and surety bond filed before drilling begins

Newhall Calif. June 23, 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #107-6, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County. JPN

Lease consists of

The well is 1795.87 feet [redacted] S., and 2308.54 feet E. [redacted] from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground xx~~ kelly bushing above sea level is 1250.2 feet.
conc.mat 1236.9

We estimate that the first productive oil or gas sand should be encountered at a depth of about 10,025 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 400 | Cemented |
| 7" | 23#,26#,29#,32# | J-55, N-80 Smls | 10,025 | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10,575 | Landed |
| | | | | |

| | | | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| ma 18A | Jone | EB | Blanket | EB | EB |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~XBARNSDALLXOXLXCOMPANY~~
(Name of Operator)

By R. E. Foss
R. E. Foss Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

DIVISION OF OIL & GAS
RECEIVED
OCT 3 1952
LOS ANGELES

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO NO. 107-6 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 1795.87' S. & 2308.54' E. from Cor."J" Elevation of ~~ground or~~ kelly bushing above sea level 1250.00 feet. conc. mat 1236.70

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date September 19, 1952 Signed R. E. Foss

H. M. Stanier (Engineer or Geologist) A. G. Chancey (Superintendent) Title R. E. Foss Agent (President, Secretary or Agent)

Commenced drilling June 30, 1952 Completed drilling Sept. 19, 1952 Drilling tools Rotary

Total depth 10,424' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |
| | |
| | |
| | |

Commenced producing September 19, 1952 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 913 | 34.6 | 3.6 | 702 | 300 | 1075 |
| Production after 30 days | See D.O.G. Form 110 | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementi if through perforat |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 406' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 275 | -- |
| 7" | 10,030' | Surface | 23,26,29 & 32# | New | Smls | J-55&N-80 | 11" | 600 | -- |
| 5-1/2" | 10,422' | 10005.5' | 17# | New | Smls | J-55 | 5-7/8" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 10,028 ft. | 10,227 ft. | 192-1/4" rd. holes/ft. | 16 | 1" | Shop |
| | 10,304 ft. | 10,383 ft. | undercut to 3/8" | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,065', 10,424' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
OCT 3 1952
LOS ANGELES

## History of Oil or Gas Well

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. R.S.F. No. 107-6, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed R. E. Foss

Date September 19, 1952 Title R. E. Foss Agent
(President, Secretary or Agent)

Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance. Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

1952
Date

6/30 Spudded in with 11" bit on 7-1/4" drill collars and 4-1/2" drill pipe. Drilled ahead to 490'. Opened 11" hole from surface to 406'.

7/1 Cemented 13-3/8" 54.5# J-55 ST&C seamless casing at 406' with 275 sacks Victor construction cement containing 2-1/2% gel. Displaced with 351 cu. ft. mud. Plugs did not bump. Had 110 cu. ft. cement returns at surface.

7/2 Found top plug at 396', checked shoe at 406'. Drilled ahead with 11" bit.

8/1 Depth 7550'. Stuck 10-2/3 stands drill pipe on hook at 1225'. Worked pipe loose after 1/2 hour. Drilled ahead with 11" bit.

7 1st Run Schlumberger Electric Log to 10065'. Ran Dipmeter and Photoclinometer surveys.

8/28 Ran 7" 23, 26, 29 and 32# J-55 and N-80 LT&C seamless casing. Cemented shoe at 10030' through float collar at 9945' with 600 sacks Colton Hi-Temp cement. Displaced with 2201 cu. ft. mud. Plugs bumped with final pressure of 1200 psi. Calculated displacement 2145 cu. ft.

8/31 Found top of cement at 9920', checked float collar at 9945'. Drilled out cement to 9951'.
Shot four 3/8" holes at 9645' with McCullough bullet gun.
Ran J.F.T. on 3-1/2" drill pipe with 1000' mud cushion. Set bottom packer at 9620', tailpiece to 9637'. Opened 1/2" valve at 2:36 PM. Had moderate blow, decreasing to dead in 3 minutes. Dead for balance of 1 hour test. Recovered 20' net rise drilling fluid. W.S.O. approved by Betts of the Div. of Oil and Gas.

9/1 Reamed from 9616' to 9651'.
Drilled out cement from 9951' to 10015'.
Shot four 3/8" holes at 10005' with McCullough bullet gun.
Ran J.F.T. on 3-1/2" drill pipe with 1000' mud cushion. Set bottom packer at 9982', tailpiece to 10000'. Packer slipped; had momentary fluid entry. Recovered 90' net rise drilling mud and cement. B.H.P. charts showed tester plugged. Test no good.

9/2 Ran J.F.T. on 3-1/2" drill pipe with 1000' mud cushion. Set bottom packer at 9982', tailpiece to 10000'. Opened 1/2" valve at 10:00 AM. Had medium blow for 3 minutes, then dead for balance of 1 hour test. Had no fluid rise. W.S.O. at 10005'.

9/3 Drilled out cement, checked shoe of 7" casing at 10030'.
Changed from clay water base mud to Ken oil base mud.
Reamed from 10040' to 10070'.

9/4 Depth 10070'. Ran in with 5-7/8" Mercury Diamond Corehead and cored ahead.

'5 Depth 10125'.
Johnston Formation Test No. 1 - Interval 10030' to 10125' (Open Hole). Ran J.F.T. on 3-1/2" drill pipe with 2030' water cushion. Set packer at 9990', tailpiece to 10018'. Used no bean or trip valve. Opened tester at 5:28 PM. Had light steady blow for 1 hour 45 minutes. Cushion surfaced at 7:15 PM. Tester open 8-1/2 hours, shut in 12-3/4 hours.

DIVISION OF OIL & GAS
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LOS ANGELES

Date 1952

9/5 **Details of Test**

| Time | Rate B/D | Cut % | Grav. °API | Bean 1/64" | Gas Mcf | GOR | Tubing Pressure psi |
|---|---|---|---|---|---|---|---|
| 8:00 PM | (Turned to Trap and Tank) | | | | | | 550 |
| 9:00 PM | 200 | 0.1 | -- | 16 | -- | -- | 780 |
| 10:00 PM | 200 | 0.2 | 35.6 | 16 | 219 | 1095 | 780 |
| 11:00 PM | 550 | 0.1 | 36.2 | 19 | 453 | 824 | 650 |
| 12:00 PM | 350 | 0.1 | 36.1 | 19 | 257 | 734 | 720 |
| 1:00 AM | 250 | 0.1 | 36.1 | 19 | 248 | 992 | 710 |
| 2:00 AM | 350 | 0.1 | 36.1 | 19 | 265 | 771 | 710 |

Sunray B.H.P. chart showed SI pressure of 3862 psi at 9990'. Tubing pressure rose to 1050 psi after well was shut in 11-1/2 hours. Pulled tester out of hole.

9/7 Depth 10139'. Reamed from 10103' to 10125'. Cored ahead with 5-7/8" diamond core-head.

9/16 2nd Run Schlumberger Electric Log to 10424' Total Depth. Ran Induction and Mono-electrode Logs.

9/17 Ran and hung 416.50' 5-1/2" 17# J-55 FJ liner with Calif.-Texas type open shoe at 10422', top of Burns plain type hanger at 10005.5'. Liner perforated with 192 - 1/4" round holes undercut to 3/8" per foot. Perforated intervals: 10028'-10227', 10304'-10383'.

9/18 Ran 318 joints of 2-1/2" 6.5# J-55 EUE 8 round thread and 15 joints of 2-1/2" 6.4# J-55 hydril F.J. R2 tubing with swage shoe at 10365'.

Circulated out Ken oil base mud with crude oil and completed well.

## PRODUCTION DATA

| Date 1952 | Oil: Net Oil* B/D | Oil: Cut % | Oil: Grav. ° API | Oil: Bean | Gas: Gas Mcf | Gas: GOR | Pressure: Tbg. | Pressure: Csg. |
|---|---|---|---|---|---|---|---|---|
| 9/21 | 913 | 3.6 | 34.6 | 35/64 | 702 | 769 | 300 | 1075 |
| 9/22 | 924 | 2.8 | 34.7 | 40/64 | 550 | 595 | 250 | 1130 |
| 9/23 | 893 | 2.6 | 34.9 | 40/64 | 700 | 784 | 260 | 1140 |
| 9/24 | 887 | 2.1 | 34.0 | 42/64 | 686 | 773 | 235 | 1135 |
| 9/25 | 866 | 1.8 | 33.4 | 42/64 | 678 | 783 | 240 | 1110 |
| 9/26 | 855 | 2.2 | 33.6 | 42/64 | 628 | 734 | 230 | 1100 |
| 9/27 | 358 | 0.3 | 35.3 | 13/64 | 317 | 885 | 575 | 1350 |
| 9/28 | 274 | 0.1 | 35.4 | 13/64 | 204 | 744 | 630 | 1440 |
| 9/29 | 258 | 0.1 | 34.5 | 14/64 | 177 | 686 | 650 | 1500 |

* Net oil produced after all wash oil had been recovered.

GKP

OPERATOR MEDALLION PROPERTIES CO (AUF)
WELL NO. "R.S.F." 108
MAP

A.P.I. 037-13287
SECTION 27, T. 4 N, R. 17 W

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | REDRILL | | | | | |
| NOTICE DATED | 06/07/2004 | | | | | |
| P-REPORT NUMBER | P204-88 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 06/07/04 | | | | | | | | | | | |
| HISTORY | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD
OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

REMARKS:

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T204-093**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Ventura, California
June 25, 2004

Your operations at well **"Rancho San Franciaco" 108,** API No. **037-13287,** Sec. **27,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **06-08-2004.** **Anne Anderle,** representative of the supervisor, was present from **1300** to **1400**. There were also present **Leonard Taylor.**

Present condition of well: **13 3/8" cem 520'; 7" cem 9970', WSO perf @ 9948'; 5 ½" ld 9951'-10,445', perf @ int 9973'-10,405'. TD 10,447'. Plugged w/ 135 cf cem below ret @ 9698' & w/ cem 9698'-9680' (calc).**

The operations were performed for the purpose of **witnessing the placing of a cement plug below 9698' and from 9698'-9680'.**

DECISION:

**The cementing operations as witnessed and reported are approved.**

tkc

Hal Bopp
State Oil and Gas Supervisor

By _____
Bruce H. Hesson
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T204-092**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, Ca 93308

Ventura, California
June 24, 2004

Your operations at well **"Rancho San Francisco" 109,** API No. **037-13287,** Sec. **27,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **06-08-2004.** **Anne Anderle,** representative of the supervisor, was present from **1145** to **1245.** There were also present **Leonard Taylor.**

Present condition of well: **13 3/8" cem 520'; 7" cem 9970', WSO perf @ 9948'; 5 ½" ld 9951'-10,445', perf @ int 9973'-10,405'. TD 10,447'.**

The operations were performed for the purpose of **inspecting the blowout prevention equipment and installation.**

DECISION:

**The blowout prevention equipment and installation on the 7" casing are approved.**

tkc

Hal Bopp
State Oil and Gas Supervisor

By _____
Bruce H. Hesson
Deputy Supervisor

OG109 (Modified 2000)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# NOTICE OF INTENTION TO REWORK / REDRILL WELL

P204-87

| C.E.Q.A. INFORMATION (when redrilling or deepening only) | | | |
|---|---|---|---|
| Exempt ☐ | Neg. Dec. ☐ | E.I.R. ☐ | Document not required by local jurisdiction ☐ |
| Class _____ | S.C.H. No. | S.C.H. No. | |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| Bond | Forms OGD114 | Forms OGD121 | EDP Well File |
| 2501 000 | 111 | 115 | |

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill (Circle one) well RSF No. 108 API No. 037-13287-01
(Well designation)

Sec. 27 T. 4N R. 17W S.B. B.&M. Newhall-Potrero Field

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
See attached program

2. The total depth is: _____ feet. The effective depth is: _____ feet.

3. Present completion zone (s): _____ (Name) Anticipated completion zone (s): _____ (Name)

4. Present zone pressure: _____ psi. Anticipated/existing new zone pressure: _____ psi.

5. Last produced: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

(or)

Last injected: _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☐

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*
See attached program

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DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

For redrilling or deepening: _____ (Proposed bottom-hole coordinates) _____ (Estimated true vertical depth)

**The division must be notified if changes to this plan become necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | (661) 254-2856 | |
| Address: 26835 W. Pico Canyon Rd. | City: Newhall | Zip Code: 91321 |
| Name of Person Filing Notice: Alex B. Iwasiw | Signature: [signature] | Date: 6/7/04 |

**File in Duplicate**

OG107 (7/97/GSR/5M)

661-254-8542

# Well: RSF No. 108

## Recommended Procedure

Prior to moving in drilling rig on the RSF 108, we will move in workover rig to remove tubing rods and pumps, run scraper and casing caliper log. Set a cast iron bridge plug in the hole at 9700 ft, stab into the retainer and pump cement sufficient to fill the wellbore volume below the retainer. After cementing work the location will be prepared for drilling rig.

1. Move in drilling rig and rig up
2. Pick up drill bit and casing scraper, trip in hole to bridge plug, load hole with drilling fluids, circulate hole cleans.
3. Trip out of hole, pick up whip stock, run in hole, orientate and set whip stock, trip out of hole
4. Pick up casing mills, run in hole, cut window, in 7inch casing @ 9700ft. drill 10ft. of formation.
5. Trip out of hole, pick up directional drilling tools, run in hole.
6. Drill a sidetrack and new directional hole through zone 7B & C(total depth 14200 ft.)
7. Circulate and condition hole, pull out of hole, run E logs. After log analysis, if zone 7 is productive, pick up and run 5 inch machine perforated liner, hang from 7", displace hole with water.
8. Release rig, rig down and move out drilling rig.
9. Move in workover rig complete zone 7B & C by runing tubing, rods, and pump and put into production.
10. Rig down workover rig, move out and clear location.

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DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES VENTURA, CALIFORNIA

# Well: RSF No. 108

**API No.: 037-13287**
**Sec 27, T4N-R 17W**
**Field: Newhall Potrero**
Medallion California Properties Company

## Side Track Well into the 7th zone

## Wellbore History and Data

| | | |
|---|---|---|
| **T.D.:** | 10447' | **Spud Date:** 9/9/52 |
| **PBTD:** | 10445' | **Orig. Completion Date:** 11/24/52 |
| **Casing:** | 13-3/8", 54.5# csg | 0' - 520', cmt'd w/ 350 sacks |
| | 7", 23#, 26#, 29# 32#, N-80&J-55 csg | 0' – 9971', cmt'd w/ 600 sacks. |
| | 5-1/2", 17# J-55 liner | 9951' – 10445', hung. |

**W.S.O.:** At 9948'

**Original Perforations:** 9973' - 10189' and 10248' – 10307' with 192 ¼" holes/ft.
10307' – 10405' with 120M slots.

**Elev:** All depths refer to K.B. measurements, 13.0' above the mat.

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JUN - 7 2004
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
SEP 10 1952
LOS ANGELES

(D)

037-13287

8

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. September 4, 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" #108-6, Sec. 27, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is ~~2,673~~ 2687.35 feet ~~N. or~~ S., and ~~5,050~~ 5075.58 feet E. ~~or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground or~~ kelly bushing above sea level is 1240.92 feet.
conc. mat 1227.62

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 375' | Cemented |
| 7" | 23,26,29,32# | J-55,N-80 Smls | 10,000' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10,500' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By R. E. Foss dg
R. E. Foss Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | [illegible] | EB | [illegible] | [illegible] | EB |

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
DEC 16 1952
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO #108-6 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 2687' S. & 5076' E. from Cor. "J", corrected Elevation of ~~ground~~ kelly bushing above sea level 1240.92 feet. conc. mat 1227.62

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 4, 1952 Signed R. E. Foss

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title R. E. Foss Agent (President, Secretary or Agent)

Commenced drilling September 9, 1952 Completed drilling November 24, 1952 Drilling tools Rotary

Total depth 10,447' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |
| | |
| | |
| | |

Commenced producing November 24, 1952 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 696 | 33.9° | 0.5% | 499 | 174 | 964 |
| Production after 30 days | See D.O.G. Form 110 | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 520' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 350 | -- |
| 7" | 9970' | " | 23,26,29, 32# | New | Smls | J-55&N-80 | 11" | 600 | -- |
| 5-1/2" | 10445' | 9951' | 17# | New | Smls | J-55 | 5-7/8" | -- | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 9973 ft. | 10189 ft. | 192 - 1/4" Rd. Holes/ft., undercut to 3/8" | | | Shop |
| " | 10248 ft. | 10307 ft. | " | " | " | " |
| " | 10307 ft. | 10405 ft. | 2" slots 102 mesh | 8 | 6" | " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,038'; 10447' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
DEC 16 1952
LOS ANGELES, CALIFORNIA

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 108-6, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed R. E. Foss

Date December 4, 1952 Title R. E. Foss Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

1952

| Date | |
|---|---|
| 9/9 | Spudded in with 17-1/2" bit on 7-1/4" drill collar with 4-1/2" 16.60# drill pipe. Drilled ahead to 50'. Drilled ahead with 12-1/4" bit from 50'. Lost circulation at 102'. Mixed and conditioned mud. |
| 9/10 | Depth 717'. Lost circulation at 480'. Mixed lost circulation materials and conditioned mud. Regained circulation. |
| 9/11 | Depth 717'. Opened 12-1/4" hole to 17-1/2" from 50' to 520'. Ran 13-3/8" 54.5# J-55 seamless ST&C surface casing. Cemented shoe at 520' with 350 sacks Colton Construction cement containing 3% gel. Used 1 top plug, bottom plug and 8' spacer. Displaced with 438 cu. ft. mud, calculated displacement 448 cu. ft. Plugs did not bump. Final pressure 200#. Estimated 85 cu. ft. cement returns at surface. |
| 9/12 | Found top of cement at 454'. Checked shoe at 520', cleaned out to 717'. Drilled ahead with 11" bit from 717'. |
| 10/17 | Depth 7785'. Stuck drill pipe at 2400'. Circulated and worked loose. |
| 10/23 | Depth 8504'. Stuck drill pipe at 3960' and 1400'. Circulated and worked loose. |
| 11/5 | Depth 10018'. Stuck drill pipe at 2600'-2700'. Circulated and worked loose. |
| 11/6 | 1st Run Schlumberger Electric Log to 10038'. Ran Dipmeter and Photoclinometer Survey. |
| 11/7 | Ran and cemented 7" 23, 26, 29, 32# J-55 and N-80 LT&C and X-line new seamless casing. Cemented shoe at 9970' through float collar at 9887' with 600 sacks Colton Hi-Temp cement. Pumped 100 cu. ft. water containing 50# Pyro ahead followed by 100 sacks at 105# slurry and 500 sacks at 116# slurry. Displaced with 2173 cu. ft. mud. Pump pressure 200#, final pressure 1400#. Plugs bumped. Bled back 9 cu. ft. mud. Net displacement 2164 cu. ft. Calculated displacement 2132 cu.ft. |
| 11/10 | Ran in with 5-7/8" bit. Found top of cement at 9877'. Cleaned out to 9955'. |
| 11/11 | Shot four 3/8" holes with McCullough Bullet Gun at 9948'. Collar locator checked float collar at 9887'. |
| | W.S.O. at 9948'. Ran JFT on 3-1/2" 13.30# drill pipe with 1000' mud cushion. Set packer at 9926', tailpiece to 9944'. Opened 1/2" bean at 8:20 AM. Had a light steady blow for 3 minutes, then dead for balance of one hour test. Recovered 15' of heavy drilling fluid. BHP charts showed tester was open 1 hour. W.S.O. witnessed and approved by Gaede of the Division of Oil and Gas. |
| | Changed from Clay Water-Base Mud to Ken Oil-Base Mud. |
| | Drilled out cement to 9977'. Checked shoe at 9970', cleaned out to 10038'. Drilled ahead to 10053' with 5-7/8" bit. |
| 11/12 | Depth 10053'. Began coring ahead with 5-7/8" Mercury Diamond Corehead. |
| 1 2 | Depth 10447'. 2nd Run Schlumberger Electric Log to 10447' T.D. Ran Induction and Monoelectrode Logs. |
| | Ran and hung 5-1/2" 17# J-55 F.J. liner with shoe at 10445', top of adaptor at 9951'. Liner perforated from 9973' to 10189' and from 10248' to 10307' with 192 - 1/4" round |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, California

May 2, 1986

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 110 (Name and number),
A.P.I. No. 037-13289, Section 27, T. 4N, R. 17W, SB B. & M.,
Newhall-Potrero field, Los Angeles County,
dated 4-17-86, received 4-18-86, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

Cons.Comm.
b

| MAP | MAP BOOK | CARDS | BOND | EDP | FORMS 1014 | FORMS 2 |
|---|---|---|---|---|---|---|
| 252 | pmc 5/14/86 | | BB | OK | — | ✓ |

M. G. MEFFERD
*State Oil and Gas Supervisor*

By Murray W. Dosch
*Deputy Supervisor*

Murray W. Dosch

OG159 (11/82/GSR1/8M)

OPERATOR Sun Explor
WELL NO. "Rancho San Francisco" #10
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | ABANDON | | | | | |
| NOTICE DATED | 3-11-86 | | | | | |
| P-REPORT NUMBER | 286-91 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | pmc 5/7/86 | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-12-86 | | | | | | | | | | | |
| HISTORY | 4-18-86 | | | | | | | | | | | |
| SUMMARY | 4-18-86 | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. | OK pmc 3/31/86 | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE pmc

FINAL LETTER MAILED OK 5-2-86

RELEASED BOND BB

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-13289

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: JN EXPLORATION & PRODUCTION COMPANY | Well: RANCHO SAN FRANCISCO #110 |
| Field: NEWHALL POTRERO | County: LOS ANGELES; Sec. 27; T. 4N; R. 17W; B.&M. SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 1836'S., & 2540'E., FROM CORNER "J" | Elevation of ground above sea level: 1227.99' |

Commenced ~~drilling~~ (date) P&A: 3-21-86

Completed ~~XXXXX~~ (date) P&A: 3-26-86

Commenced producing (date): P&A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): 3RD ZONE

Total depth: (1st hole) 8220' (2nd) (3rd)

Present effective depth: 8080' PBTD

Junk: NONE

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☐ Kelly Bushing

Which is 8.65 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| 1ST ZONE | 6665' |
| 2ND ZONE | 7234' |
| 3RD ZONE | 7385' |

Formation and age at total depth: 3RD ZONE (MIOCENE)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | NA | | | | | |
| Production After 30 days | NA | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementi (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13-3/8" | SURF | 395' | 54.5# | J-55 | NEW | 17-1/2" | 260 SX | |
| 7" | SURF | 7874' | 23/26# | J-55-N-80 | NEW | 11" | 600 SX | |
| 5-1/2" | 7850' | 8078' | 17# | J-55 | NEW | 6-1/8" | HUNG | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

5-1/2" - 192 - 1/4" RD HOLES/FT 16 ROWS x 1" CENTERS UNDERCUT TO 3/8"
7872 - 8678' 7" - 4 - 1/2" HPF 7392-7472', 7480-7513', 7517-7627', 7662-7812'

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☑ No

Electrical log depths: ELECTRICAL LOG 7883', 8220'

Other surveys: NONE

DIVISION OF OIL AND GAS
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APR 18 1986
VENTURA, CALIFORNIA

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a co[illegible] th present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | |
|---|---|---|
| Name: STANLEY W. BLOSSOM | Title: OPERATIONS MANAGER | |
| Address: P.O. BOX 55060 | City: VALENCIA | Zip Code: 91355 |
| Telephone Number: (805) 257-6200 | Signature: Stanley W. Blossom | Date: 4/7/86 |

SUBMIT IN DUPLICATE

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator Sun Exporation and Production Company / Sun Production Division Field or County Newhall Potrero
Well Rancho San Francisco 110, Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-13289 Name STANLEY W. BLOSSOM (Person submitting report) Title Agent (President, Secretary or Agent)
Date 4-17, 1986

Signature Stanley W Blossom

Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1986 | |
| 3/21 | 8220' TD/7", 23#, & 26# J-55 & N-80 CSG @ 7874'/5½" 17# J-55 LNR @ 7850'-8078'/ PERFS 5½" - 7872'-8078', 7" - 7392'-7812'/3RD ZONE/WELL RECOMMENDED TO BE P&A/ MIRU WELLTECH RIG #427/REMOVED WELLHEAD/INSTALL CLASS II BOPE/POH W/SIDE-STRING/ RIG BROKE DN, DUE TO HYD SYSTEM/SIFN/ |
| 3/22 | POH W/2-3/8" SIDESTRING, 235 JTS/UNLANDED LONG STRING/SHEARED OUT BAKER A-5 BAKER SEAL ASSEMBLY/POH, W/40 BBLS/TBG BLEW OUT/RIG UP COAST WIRELINE/ATTEMPTED TO RETRIEVE SV & VALVE, NO RESULTS/LEFT TOOL IN HOLE/SHOT 1/2" HOLE @ 4851'/RIG OUT COAST/PULLED, MEASURED TBG OUT/MANDREL, PKR & JT W/HOLDDOWN SEALS/MADE UP TAIL JT & SEAL ASSEMBLY/RIH W/TBG, HUNG TAIL @ 7260'/SI WELL FOR WEEKEND/ |
| 3/23 | NO ACTIVITY/ |
| 3/24 | NO ACTIVITY/ |
| 3/25 | RIH WITH TBG AND HUNG TAIL @ 7796'/FILLED HOLE WITH LEASE WATER AND CIRC HOLE FREE OF GAS & OIL/RIH AND STABBED SEAL ASSEMBLY INTO PKR @ 7858'/EIR @ 1-1/4 BPM WITH 650 PSI/DOWELL MIXED AND PUMPED 227 CF CMT/DISPLACED WITH LEASE WATER/ UNSTABBED SEAL ASSEMBLY WITH 38 CF PUMPED BELOW PKR/PU TO 6920' AND BS CLEAN/ CHANGE OVER TO 72#/CF DRILLING MUD/RIH AND TAGGED CMT PLUG @ 7241'/DOG WITNESSED PLUG & MUD SAMPLE/POH AND LD 225 JTS OF 2-3/8" TBG/RU PENGO AND MADE CAVITY SHOT @ 1000'/RIH AND HUNG TAIL @ 1010'/RU DOWELL AND PUMPED CMT FRM 1010' TO 100'/POH WITH TBG AND SI WELL/SDFN/ |
| 3/26 | RIH & TAGD CMT PLUG @ 410 (CMT FELL 300')/WITNESSED & APROVD BY DOG/POH & LD EXCESS TBG/PENGO CUT 7" CSG @ 81'/CUT OFF TBG HD ASSY & LD 7" CSG/RIH & HUNG TBG @ 186'/RU DOWELL & PMPD CMT PLUG FRM 186-SURFACE w 110 CF CL "G" + 2% $CaCl_2$/POH & LD TBG/WITNESSED & APROVD BY DOG/RELEASED RIG @ 2:30 PM 3-25-86/DROP FRM REPORT PENDING SURFACE CLEANUP & ABANDONMENT/ |
| 3/31 | SURFACE CLEANUP & RESTORATION WRK COMPLETED & APROVD BY PAM CECCARELLI OF D.O.G./ FINAL REPORT/ |

DIVISION OF OIL AND GAS
RECEIVED
APR 18 1986
VENTURA, CALIFORNIA

OG103 (4-77-GSR1-10M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 286-94

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Ventura Calif.
March 27, 1986

Your operations at well "Rancho San Francisco" 110, API No. 037-12289, Sec. 27, T. 4N, R. 17W SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 3/25/86. Ms. Ceccarelli, representative of the supervisor, was present from 1530 to 1600. There were also present J. Burt, Sun Rep. and M. Willis-Well tech

Present condition of well: 13 3/8" cem 395'; 7" cem 5964', perf 7362' WSO, perfs 7392-7812', cav shot 1000', pulled fr 81', junk at 7858'(model D,permanent packer); 5 1/2"ld 7850-8078', perfs 7872-8078'.TD 8220'. Plugged w/cem 8220-8080', 7886-7241', 1010-410', 185-5'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

M. G. MEFFERD

Murray W. Dosch

Murray W. Dosch

OG109 (9/83/GSR1/15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | 33 | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco 110, API No. 037-13289, Sec. ~~26~~ 21, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on March 17, 1986.

The present condition of the well is: Producing

1. Total depth: 8220' TD

2. Complete casing record, including plugs and perforations:
   See Attached.

3. Last produced 2/86 (Date) 1 (Oil, B/D) 10 (Gas, Mcf/D) 1 (Water, B/D)

or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: No Top Water

The proposed work is as follows:
See Attached.

Rick Orns
257-6200

DIVISION OF OIL AND GAS
RECEIVED
MAR 12 1986
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 West Rye Canyon Road (Street)
Valencia (City) CA (State) 91355-0560 (Zip)

Telephone Number (805) (Area Code) 257-6200 (Number)

SUN EXPLORATION & PRODUCTION CO (Name of Operator)

By STANLEY W. BLOSSOM (Print Name)

Stanley W. Blossom (Signature) 3-11-86 (Date)
by TWC

OG108 (11-78-GSRI-5M)

WELL ☐ COMPLETION SUMMARY
☒ WORKOVER SUMMARY

S-114 A

DATE: May 9, 1962

| LEASE | WELL NO. | SEC. | TWP. | RGE. | COUNTY OR PARISH | STATE |
|---|---|---|---|---|---|---|
| Rancho San Francisco" | 110-3,3A | 27 | 4S | 17W | Los Angeles | California |

| FIELD | SURVEY | LOCATION |
|---|---|---|
| Newhall - Potrero | - | 1836' S & 2540' E of Corner J |

| DATUM POINT | ELEVATION | TD / PBTD | TOP OF [redacted] | CONTRACTOR | |
|---|---|---|---|---|---|
| ☐ GD ☐ DF ☒ KB | 1240.29' | TD 8220' | 12.30 FT. ☐ ABOVE ☒ BELOW D-P | Calif. Prod. Service | $ - /D. $ - /F |

## HOLE AND CASING RECORD

| HOLE DRILLED SIZE | HOLE DRILLED DEPTH | CSG. | SET AT | DESCRIPTION (WT. – THREADS – MAKE – TYPE – GRADE – COND.) |
|---|---|---|---|---|
| No Changes | | | | |
| Previous Summary and History dated 3-5-53 | | | | |

## CEMENTING RECORD

| SACKS USED | SACKS TOP PLUG | REMARKS |
|---|---|---|
| | | |

DIVISION OF OIL AND GAS RECEIVED JUN 15 1962 INGLEWOOD, CALIFORNIA

## FORMATION RECORD

| NAME | TOP | BOTTOM | CONTENT OIL - GAS WATER |
|---|---|---|---|
| None | | | |

## DRILL STEM TESTS

| DATE | INTERVAL FROM | INTERVAL TO | TIME OPEN | RECOVERY |
|---|---|---|---|---|
| None | | | | |

## COMPLETION ZONE

| DATE | INTERVAL FROM | INTERVAL TO | ZONE |
|---|---|---|---|
| | | | |

## PRODUCTION PERFORATIONS

| NO. OF HOLES | INTERVAL FROM | INTERVAL TO | PURPOSE & RESULTS |
|---|---|---|---|
| 4 | 7352 | | W.S.O. |
| 320 | 7392 | 7472 | Production |
| 132 | 7480 | 7513 | " |
| 440 | 7517 | 7627 | " |
| 600 | 7662 | 7812 | " |

## TREATMENT RECORD

| DATE | PRODUCTION BEFORE | PRODUCTION AFTER | TREATMENT SIZE AND KIND | INTERVAL FROM | INTERVAL TO | REMARKS |
|---|---|---|---|---|---|---|
| | | | | | | |

## PRODUCTION RECORD (GIVE ALL PRODUCTION DATA FOR FIRST FEW DAYS AFTER COMPLETION OR WORKOVER)

| DATE | OIL BARRELS | GAS MCF | WATER BARRELS | HRS | METHOD | PRESSURES CASING | PRESSURES TUBING | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4-9-62 | 229 | 1058 | 2 | 24 | Gas Lift | 180 | 480 | All mud oil returned |
| 5-62 | 134 | 1527 | 2 | 24 | Flowing | 510 | 280 | 3rd Zone Production |

ENGINEER: [signature]

SUPERINTENDENT:

*SEE DETAILED REPORT.

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
JAN 10 1962
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. January 5 1962

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging~~ (Cross out unnecessary words) or altering casing at Well No. R.S.F. #110-3A, Sec. 27, T. 4N, R. 17W, S B. & M. Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.

8220'

2. Complete casing record.

13 3/8" 54.5# J-55 Smls. Csg. Cmt'd at 395' w/260 sx.
7" 23# & 26# J-55 & N-80 ST&C & LT&C Csg. Cmt'd at 7874' w/600 sx.
4 - 3/8" holes 7857' W.S.O.
5 1/2" 17# J-55 F. J. Liner H. 8078' T. 7850'.
Perf. w/192 - 1/4" Rd holes/ft. 7872-8078'.
11" Hole to 7883'.
8 1/2" Hole to 8220'
Cmt. plug 8080-8220'.

3. Last produced. January, 1962 (Date) 12 B/D (Net Oil) 34.2 (Gravity) 88 (Cut)

The proposed work is as follows:

1. Kill well and Pull tubing.
2. Set Model "D" & Dr. plug at 7840'±.
3. Shoot 4 holes at 7362' for W.S.O.
4. W.S.O. Test.
   a. Use 600' water cushion
   b. Leave open one hour
   c. Notify D.O.G. to witness
5. Spot "MSA" acid across interval to be perforated.
6. Perforate 3rd Zone 7392-74[illegible], 7480-7513', 7517-7627', & 7662-[illegible]' w/4-1/2" jet holes/ft.
7. Retrieve DP plug [illegible] & 1,6[illegible]0"
8. Run pump & rods in 2 7/8" [illegible]ng.
9. Pump 3A Zone, Gas Lift 3rd Zone.
10. Well will henceforth be known as R.S.F. #110-3,3A.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray Mid-Continent Oil Company
(Name of Operator)

By J. D. McDonald Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

DIVISION OF OIL AND GAS
RECEIVED
APR 2 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 110-3 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 1836' S. & 2540' E. from Corner "J" Elevation of ~~[illegible]~~ kelly bushing 1240.29 above sea level conc. mat 1227.99 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date March 27, 1953 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling January 23, 1953 Completed drilling March 5, 1953 Drilling tools Rotary

Total depth 8220' Plugged depth 8080'

Junk

GEOLOGICAL MARKERS DEPTH

Commenced producing March 5, 1953 (date) ~~[illegible]~~ng/gas lift ~~[illegible]~~g (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 701 | 32.8 | 20% | 678 | 220 | 825 |
| Production after 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Ceme if through perfo |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 395' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 260 | -- |
| 7" | 7874' | Surface | 23&26# | New | Smls | J-55&N-80 | 11" | 600 | -- |
| 5-1/2" | 8078' | 7850' | 17# | New | Smls | J-55 | 6-1/8" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 7872 ft. | 8078 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| | ft. | ft. | undercut to 3/8" | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 7883', 8220' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

RECEIVED
APR 2 1953
LOS ANGELES, CALIFORNIA

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 110-3, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date March 27, 1953 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| 1953 Date | |
|---|---|
| 1/23 | Spudded in with 11" bit. Drilled 11" hole to 760'. Opened 11" hole to 17-1/2" from surface to 395'. |
| 1/25 | Ran 13-3/8" 54.5# J-55 seamless casing. Cemented shoe at 395' with 260 sacks Colton Construction cement containing 2-1/2% gel. Plugs did not bump. Had 180 cu. ft. cement returns to surface. |
| 1/26 | Drilled out and drilled ahead with 11" bit. Found top of cement at 384'. Found shoe at 395'. |
| 2/23 | Depth 7883'. 1st Run Schlumberger Electric Log to 7883'. Ran Schlumberger Photo-clinometer Survey. Drilled ahead with 8-1/2" bit. |
| 2/26 | Total Depth 8220'. 2nd Run Schlumberger Electric Log to 8220'. |
| 2/27 | Ran 7" 23, 26# J-55 and N-80 casing. Cemented shoe at 7874' with 600 sacks Victor Modified cement. Used 100 sacks at 105# and 500 sacks at 116# slurry. Plugs bumped. |
| 3/2 | Found top of cement at 7787'. Found float collar at 7787'. Drilled out firm cement with 6-1/8" bit to 7864'. Shot four 3/8" holes at 7857' with McCullough bullet gun. Ran J.F.T. on 3-1/2" 13.30# drill pipe. Set packer at 7826', tailpiece to 7844'. Used 600' mud cushion. Opened trip valve at 12:17 P.M. for one hour. Had a light blow diminishing to dead in 4 minutes through 3/8" bottom bean. Dead balance of test. Recovered 20' of medium drilling fluid. W.S.O. witnessed and approved by Albright of Division of Oil and Gas. |
| 3/3 | Drilled out firm cement from 7864' to 7907'. Found shoe at 7874'. Reamed to 8220' with 6-1/8" bit. Wall scraped from 8081'-8205' with 8-1/2" scraper. Laid cement plug from 8043'-8220'. Plugged through 3-1/2" drill pipe and 2-1/2" tubing hung at 8218'. Used 45 sacks Victor Hi-Temp cement at 110# slurry. |
| 3/4 | Found top of cement at 8043'. Drilled out hard cement with 6-1/8" bit to 8080'. Ran 228.52' of 5-1/2" 17# J-55 flush joint liner. Top of Burns plain type liner hanger at 7849.50'. Calif.-Texas type open shoe at 8078'. Liner shop perforated with 192 - 1/4" round holes per foot undercut to 3/8". Perforated interval 7872'-8078'. |
| 3/5 | Ran 250 joints of 2-1/2" 6.5# J-55 E.U.E. 8 round thread and 8 joints of 2" 4.7# J-55 E.U.E. 8 round thread tubing with swage shoe at 8051'. Changed over from oil emulsion mud to crude oil and completed well. |

DIVISION OF OIL AND GAS
RECEIVED
APR 2 1953
LOS ANGELES, CALIFORNIA



## PRODUCTION DATA

Date
1953
3/4 Gas lifted well with 1700# gas pressure. Recovered 146 barrels wash oil.
3/5 Well off gas lift at 8:30 P.M. Recovered all wash oil plus 310 barrels net oil.

| | Oil | | | | | Gas | | | | Pressure | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross B/D | Net B/D | Cut % | Grav. °API | Bean | Gross | Circ. | Net Mcf | GOR | Tubing | Casing |
| 3/6 | 876 | 701 | 20.0 | | 48 | -- | -- | 678 | 967 | 220 | 825 |
| 3/7 | 1,042 | 875 | 16.0 | | 48 | | | 733 | 838 | 250 | 780 |
| 3/8 | 959 | 815 | 15.0 | | 48 | | | 733 | 399 | 240 | 750 |
| 3/9 | 962 | 827 | 14.0 | | 48 | | | 718 | 868 | 240 | 740 |
| 3/10 | 768 | 653 | 15.0 | | | | | 498 | 763 | 220 | 880 |
| 3/11 | 652 | 566 | 14.0 | 32.8 | 31 | | | 409 | 723 | 220 | 870 |
| 3/12 | 571 | 491 | 14.0 | 32.7 | 27 | | | 366 | 745 | 240 | 920 |
| 3/13 | 447 | 396 | 12.5 | | 21-1/2 | | | 208 | 525 | 230 | 920 |
| 3/14 | 448 | 374 | 10.6 | | 21-1/2 | | | 228 | 610 | 240 | 920 |
| 3/15 | 374 | 332 | 11.3 | | 21-1/2 | | | 215 | 648 | 350 | 920 |
| 3/16 | 375 | 328 | 13.0 | | 21 | | | 205 | 625 | 120 | 990 |

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
JAN 26 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13289

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

3

Newhall Calif. January 20 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 110-3, Sec. 27, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

P. 1W B

Lease consists of

The well is 1,836 feet ~~N. or~~ S., and 2,540 feet E. ~~or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground or ~~concrete mat~~ above sea level is 1240.32 / 1227.99 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about ..... feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 400' | Cemented |
| 7" | 23#, 26# | J-55, N-80 Smls | 7900' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 8200' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARD | | FORMS | |
|---|---|---|---|---|---|
| | | | | | 121 |
| 18A | O.WB | | | | |

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

June 16, 2000

Bradford DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 111,

A.P.I. No. 037-13290, Section 27, T. 4N, R. 17W, SbB. & M.,

Newhall Potrero field, Los Angeles County,

dated January 31, 2000, received February 23, 2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:**

1. Surface plugging completed on January 14, 2000.
2. Site inspection made and approved June 13, 2000.

tkc

By

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

*(Signature of Deputy Supervisor)*

Patrick J. Kinneal
*(Typed Name of Deputy Supervisor)*

G159 (4/98)

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: **Medallion California Properties Co.** Field: **Newhall-Potrero** County: **Los Angeles**

Well: **"Rancho San Francisco" 111** . Sec. **27** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-13287** Name: **Bradford DeWitt** (Person submitting report) Title: **Agent** (President, Secretary or Agent)

Date: **January 31** , 20 **00**

Signature

**5400 Rosedale Highway, Bakersfield, CA 93308** (Address) **(661) 635-0465** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/23/99 | Move in, rig up, guy out. Remove tree, install B.O.P.E.. Run in hole with tubing, tag at 9,737'. Pul 20 stands out of hole. Close in well. |
| 12/27/99 | Open well. Run in hole to 9,720'. Rig up pump, pump 145 barrels to fill casing, well flowed back 95 barrels of oil. Mix and pump 96 ft³ cement (50 sacks), 11.6 mix water. Top of cement at 9,200', displace with 35 barrels water. Pull 30 stands out of hole to 7,800'. Close in well. |
| 12/28/99 | Open well. Run in hole with tubing, tag cement at 9,573'. Fill casing, mix and pump 74 ft³ 50/50 Poz 4%, displace with 53 barrels water. Pull 40 stands out of hole. Close in well. |
| 12/29/99 | Open well. Run in hole with tubing, tag at 9,205'. Stephen Malqueen, D.O.G.G.R. witnessed tag and mudding operations. Pump mud from 9,205' to 6,950', pull out of hole to 6,870'. Rig up wireline. Run in hole to 6,950', shoot 6 ½" holes . Pull out of hole, rig down wireline. Run in hole, tubing tail at 6,942'. Mix and pump 76 ft³ cement, down squeeze with 7 barrels water. Pulled 15 stands. Close in well. |
| 12/30/99 | Open well. Run in hole, tag cement at 6,841'. Stephen Malqueen, D.O.G.G.R. witnessed tag and approved mud. Pump 225 barrels of mud from 6,840' to 1,100'. Pull out of hole laying down tubing. Close in well. |
| 01/06/00 | Move in wireline, rig up and shoot casing perforations from 1,100' to 1,095'. Rig down wireline, move off. |
| 01/11/00 | Move in coiled tubing unit and equipment. Run in hole to 1,100', mix and pump 76 ft³ 50/50 Poz. Pull out of hole, down squeeze 7 barrels water, 200 psi final pressure. Rig down, move off. |
| 01/12/00 | Move in wireline. Rig up and shot casing perforations from 100' to 95'. Rig down wireline, move off. |
| 01/14/00 | Move in coiled tubing unit and equipment. Run in hole, tag cement plug at 966'. Pump 34 barrels mud to 100'. Mix and pump 115 ft³ 50/50 Poz from 100' to surface. Paul Crommiller, D.O.G.G.R. witnessed operations. Rig down, move off. |

OG103

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-17**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 28, 2000

Your operations at well **"Rancho San Francisco" 111,** API No. **037-13290,** Sec. **27,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **1-14-2000**. **Paul Cronmiller,** representative of the supervisor, was present from **1300** to **1530**. There were also present **Richie McGowan & Alex Iwasiw.**

Present condition of well: **13 3/8" cem 315'; 7" cem 9524', wso Perf @ 9495', perf @ 100', 1100' & 6950'; 5 ½" ld 9508'-10,174', perf @ int 9529'-10,174'. TD 10,176'. Plugged w/ cem 11,174'-9218', 6945'-6841', 1100'-966' & 100'-5'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

...IA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 9 - 1953
LOS ANGELES, CALIFORNIA

037-13290

## Notice of Intention to Drill New Well 4

This notice must be given and surety bond filed before drilling begins

Newhall Calif. February 24 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 111-6, Sec. 27, T. 4 N. MBa R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1669.60 feet [redacted] S., and 1408.35 feet E. [redacted]. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing ~~ground~~ conc.mat above sea level is 1027.3 1014.0 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9,800 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 300' | Cemented |
| 7" | 23, 26 & 29# | J-55 & N-80 Smls | 9800' | Cemented |
| 5-1/2" | 17# | J-55 | 10125' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal dg Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

MA

| MAP | MAP BOOK | [illegible] | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| MBA 18A | MBa | [illegible] | [illegible] | [illegible] | [illegible] |

SUBMIT LOG IN DUPLICATE

ATE PRINTING OFFICE

FILL T LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF P. ONLY

DIVISION OF OIL AND GAS
RECEIVED
JUN 19 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. R.S.F. 111-6 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 1669.60' S. & 1408.35' E. from Corner "J" Elevation of kelly bushing 1027.30 ground or ~~[illegible]~~ above sea level 1014.00 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 10, 1953 Signed O. A. Graybeal dg

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling February 28, 1953 Completed drilling May 19, 1953 Drilling tools Rotary

Total depth 10176' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing May 18, 1953 (date) ~~[illegible]~~g/gas lift/~~[illegible]~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 180 | 31.5 | 13.0 | 67 | 400 | 390 |
| Production after 30 days | | | | | | |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perforat |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 315' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 210 | -- |
| 7" | 9524' | Surface | 23,26,29# | New | Smls | J55&N80 | 11" | 600 | -- |
| 5-1/2" | 10174' | 9508' | 17# | New | Smls | J-55 | 11" | Landed | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 9529 ft. | 9629 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| 5-1/2" | 9669 ft. | 9786 ft. | " | 16 | 1" | Shop |
| [illegible]/2" | 9864 ft. | 10014 ft. | " | 16 | 1" | Shop |
| 5-1/2" | 10055 ft. | 10174 ft. | " | 16 | 1" | Shop |
| | ft. | ft. | | | | |

Electrical Log Depths 9721', 9838', 10176' (Attach Copy of Log)

FBW

.103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUN 19 1953
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 111-6, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal Jr.

Date June 10, 1953 Title O. A. Graybeal Agent
(President, Secretary or Agent)

Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance. Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| 1953 Date | |
|---|---|
| 2/28 | Spudded in with 11" bit. Drilled ahead to 415'. |
| 3/1 | T.D. 415'. Opened 11" hole to 17-1/2" from surface to 315'. Ran 13-3/8" 54.5# J-55 ST&C casing with shoe at 315'. Cemented with 210 sacks of Construction cement containing 2-1/2% gel. Had cement returns to surface. |
| 3/2 | Drilled out with 11" bit. Found shoe at 315' but no cement in the casing. Drilled ahead. |
| 4/21 | T.D. 9725'. 1st Run Schlumberger Electric Log to 9721'. Also ran photoclinometer survey. Drilled to 9726' with 11" bit and lost 3 cones. Recovered most of junk with magnet and junk basket. Milled up balance and drilled ahead with 11" bit to 9838'. |
| 4/27 | T.D. 9838'. 2nd Run Schlumberger Electric Log to 9838'. Drilled ahead with 11" bit to 9975'. |
| 4/29 | T.D. 9975'. Stuck drill pipe. Ran free-point indicator and found pipe stuck at 3167'. Spotted oil but failed to free pipe. Backed off with string shot at 2983'. |
| 5/1 | T.D. 9975'. Recovered fish. Reamed and cleaned out to bottom with 11" bit. |
| 5/2 | T.D. 9975'. Drilled ahead with 11" bit to 10176'. |
| 5/6 | T.D. 10176'. Ran 7" 23#, 26# & 29# ST&C and LT&C J-55 and N-80 casing with shoe at 9524' and float collar at 9437'. Cemented with 600 sacks of Colton High-Temp cement. |
| 5/10 | T.D. 10176'. Drilled out with 6" bit and reamer. Found top of cement at 9431' and float collar at 9437'. Drilled out shoe at 9524' due to error in measurements. Shot four 3/8" holes at 9495' with McCullough bullet gun. Ran J.F.T. on 3-1/2" 13.30# drill pipe with straddle packers at 9508' and 9481'. Used 1000' of mud cushion and 1/2" bean. Tester open 50 minutes. Had medium blow 10 minutes, weak blow for 5 minutes, very weak blow for 1 minute, dead for 33 minutes. Top packer failed after 49 minutes and mud dropped in annulus. Pulled loose. Had 17-1/3 stands net rise. Recovered 5 stands watery mud and 12-1/3 stands of drilling fluid. Charts showed open throughout test and indicated fluid entry due to packer failure. W.S.O. witnessed and approved by Mathews of Div. of Oil and Gas. |
| 5/11 | Plugged with 25 sacks of High-Temp cement from 9525' and back-washed at 9475'. |
| 5/12 | T.D. 10176'. Found top of cement plug at 9489' and drilled out to 9505'. |
| 5/13 | Set Baker Model R.T. retainer at 9455' and squeezed with 35 sacks of Victor High-Temp cement. Initial pressure 4600 psi. Final pressure 7000 psi. Estimated 8 sacks away. |
| 5/14 | T.D. 10176'. Found top of cement at 9460' and cleaned out to 9505'. Ran J.F.T. on 3-1/2" 13.30# drill pipe with packer at 9456', tailpiece at 9474'. Used 2500' of mud cushion and 1/2" bottom bean. Tester open 60 minutes. Had light blow for 1/2 minute dead balance of test. Recovered 360' of drilling fluid. Charts showed tester opened coming out of hole. |
| 5/15 | T.D. 10176'. Drilled out cement plug and cleaned out to bottom with 6" bit. 3rd Run Schlumberger Electric Log to 10176'. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

October 24, 1997

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
1100 Mohawk, St., Ste. 154
Bakersfield, CA 93309-0465

Your report of the plugging and abandonment of well "Rancho San Francisco" 112, A.P.I. No. 037-13291, Section 27, T. 4N, R. 17W, SBB.& M., Newhall Potrero field, Los Angeles County, dated March 7, 1996, received March 11, 1996, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

tkc

cc: Update

Modified OG159 (4/94)

# SCHLUMBERGER WELL SURVEYING CORP.

HOUSTON, TEXAS

SCHLUMBERGER

ELECTRICAL LOG

"Rancho San Francisco" 112-3A

Sec. 27-4N-17W

NEWHALL-POTRERO

[redacted]

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL-POTRERO
WELL 27 - 4N - 17W R S F NO. 112-3A
COMPANY SUNRAY OIL CORP.

MEDALLION CALIFORNIA PROPERTIES CO.
CORPORATION

WELL R S F NO. 112-3A

037-13291

FIELD NEWHALL-POTRERO

LOCATION 27 - 4N - 17W

8

COUNTY LOS ANGELES

STATE CALIFORNIA

DIVIS R

LOS A

Elev

or G.L.:

FILING No.

| RUN No. | 1 | 2 |
|---|---|---|
| Date | 4-8-53 | 4-10-53 |
| First Reading | 7793 | 8030 |
| Last Reading | 322 | 7793 |
| Feet Measured | 7471 | 237 |
| Csg. Schlum. | 322 | ---- |
| Csg. Driller | 323 | 323 |
| Depth Reached | 7794 | 8031 |
| Bottom Driller | 7795 | 8034 |
| Depth Datum | Kelly B. | Kelly B. |
| Mud Nat. | Oil Emul | Oil Emul |
| " Density | 76 | 77 |
| " Viscosity | 45 | 58 |
| " Resist. | 3.2@ 70°F | 2.8@ 70°F |
| " Res. BHT | 1.6@149°F | 1.4@150°F |
| " pH | 8.5@ 70°F | 8.5@ 70°F |
| " Wtr. Loss | 4.6cc 30 min. | 4.4cc 30 min. |
| Max. Temp. °F | 149° F. | 150° F. |
| Bit Size | 11" | 11"+8½" |
| Socos. AM | 16"-M | 16"-M |
| AO | 10 | 10 |
| AO. | 19 | 19 |
| Opr. Rig Time | 2½ hrs. | 2 hrs. |
| Truck No. | NH-1720 | NH-1732 |
| Recorded By | PWestrup | HBarbarick |
| Witness By | Elliot | Chauncey |

FOLD HERE

REMARKS: Hole Size: Films Used:

OPERATOR [illegible]
LSE & NO RSF 112
MAP 253

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| NTION | alter as g | Conv. To W.F. | Abandon | | | |
| NOTICE DATED | 7-19-79 | 12-4-79 | 11-22-95 | | | |
| P-REPORT NUMBER | 279-211 | 279-377 | P295-263 | | | |
| CHECKED BY/DATE | | | SPM 1-4-96 | | | |
| MAP LETTER DATED | | 3-29-80 | 1-6-96 | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 7-23-79 | | 12-10-79 | | 11-29-95 | | | | | | | |
| HISTORY | 10-10-79 | | 7-12-80 | | 3-11-96 | | | | | | | |
| SUMMARY | — | | — | | | | | | | | | |
| IES/ELECTRIC LOG | | | — | | | | | | | | | |
| I CTIONAL SURV | | | — | | | | | | | | | |
| CORE/SWS DESCRIP | | | — | | | | | | | | | |
| G/R Bond | 10-10-79 | | Inj. Survey | | | | | | | | | |
| OTHER | | | Chart 4-2-80 | | | | | | | | | |
| RECORDS COMPLETE | ✓ | | JR | | 3-11-96 | SPM | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | 12-3-95 |
| OPERATOR'S NAME | |
| WELL DESIGNATION | |
| LOC & ELEV | |
| SIGNATURE | |
| SURFACE INSPECTION | 10-1-97 BC |
| FINAL LETTER OK | |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: _____

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator Medallion California Properties Co. Field Newhall Potrero County Los Angeles
Well "Rancho San Francisco" #112, Sec 27, T 4N, R 17W, S.B. B.& M.
A.P.I. No 037-13291 Name Claude D. Fiddler (Person submitting report) Title Engineer/Agent (President, Secretary or Agent)
Date March 7, 1996

Signature

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 11-8-95 | MIRU service rig. N/D tree, RU well pulling equipment, pull and laid down 1,659', 2-7/8" tubing. R/D service unit. SIW. |
| 12-6-95 | MIRU coil tubing unit with Class II BOPE. RIH w/ct tagged down at 7,632', mixed and pumped 71 sxs class "G" cement and balanced plug from 7,632' to 7,252'. POOH, R/D CT unit SIW. |
| 12-7-95 | MIRU CT unit. RIH tagged cement at 7,206 ft. Tag witnessed by F. Neese DOGGR. Spotted 252 BBLS 9.6 PPG mud from 7,206' to 800'. POOH, R/D CT unit SIW. |
| 12-8-95 | RU perforators, made cavity shot at 800', shot 8½" holes at 110'. POOH, R/D CT unit SIW. |
| 12-9-95 | MIRU CT unit. Mixed and pumped 37 sxs Class "G" cement into cavity shot and laid plug 800' to 600'. POOH, SIW. |
| 12-11-95 | RIH w/CT tagged cement at 680'. Tag witnessed by F. Neese DOGGR. Spotted 23 BBL 9.6 PPG mud 680' to 112'. POOH, R/D CT unit. R/U CMT unit, established circulation in 7" x 13-3/8" annulus, mixed and pumped 60 sxs of cement down 7" with returns to surface in 7" x 13-3/8" annulus. Surface cement operation witnessed by F. Neese, DOGGR. R/D cement unit. |
| 1-10-96 | F. Neese, DOGGR, made inspection of surface plug. |
| 2-5-96 | M. Davis, DOGGR, made inspection of location. Clean up and final abandonment of well. |

RECEIVED
MAR 1 1 1996
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG 103 (9/84/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T295-203

# Report on Operations

James R. Weddle, Agent
Medallion CA Properties
1400 Easton Dr., #133
Bakersfield, CA 93309

Ventura, California
December 13, 1995

Your operations at well "Rancho San Francisco" 112, API No. 037-13291, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 12-11-95. Fariba Neese, representative of the supervisor, was present from 0700 to 1000. There were also present Von Fortenbury, Medallion CA Properties, Rep.

Present condition of well: 13 3/8" cem 323'; 7" cem 7759', perf 110', cavity shot @ 800'; WSO @ 7744'. 5 1/2" ld 7734'-7992', perfs @ intervals, 7552'-7991. TD 8034'. Plugged w/cem 8034'-7990', 7724'-7717', 7632'-7206', 800'-680', 110'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

svl

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
~~Deputy~~ Supervisor

OG109 (Modified 1993)

500
DD
3-WK
2D

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well RANCHO SAN FRANCISCO #112, API No. 03713291, Sec. 27, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County. commencing work on DECEMBER 1, 1995.

The present condition of the well is:

1. Total depth 8034' – PLUG BACK TO 7717' (TAG 12-12-94 = 7632')
2. Complete casing record, including plugs and perforations (present hole) 13 3/8" CMTD AT 323'
   7" 23#-26# CMTD AT 7759' WSO = 7744'
   5 1/2" 17# LINER HUNG 7734' TO 7992'
   PERFORATED 7756'-7834' & 7872'-7991' W/ SHOP MADE HOLES
3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected UNKNOWN – PRE 1991 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of fresh water sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

7" CASING PERFORATED
7706' TO 7552'

SEE ATTACHED ABANDONMENT PROGRAM.

RECEIVED
NOV 29 1995
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1400 EASTON DR #133 (Street)
BAKERSFIELD CA 93309 (City) (State) (Zip)
Telephone Number (805) 395-3029 (Area Code) (Number)

MEDALLION CALIFORNIA PROPERTIES (Name of Operator)
By CLAUDE D. FIDDLER (Print Name)
Claude D. Fiddler 11-22-95 (Signature) (Date)

OG108 (10/85/DWRR/5M)

Proposed Abandonment Program
Rancho San Francisco Well #112
Newhall-Potrero Field, Los Angeles County

1. RU Coil Tubing Unit (CTU), install BOPE, RIH and lay a Class "G" cement plug from 7,632 FT to 7,452 FT. Tag cement plug, DOGGR may witness tag. Fill 7" casing with 72# clay base mud from 7,452 FT to 800 FT.

2. RU perforators, RIH with cavity shot gear to 800 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing and set Class "G" cement plug from 800 FT to 700 FT. Tag top of plug. DOGGR may witness tag.

3. Fill 7" casing with 72# clay base mud from 700 FT to 110 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 110 FT. RD perforators. Circulate surface plug into 7" X 11 3/4" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate.

RECEIVED
NOV 29 1995
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURC
VENTURA, CALIFORNIA

11-22-95

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 12 1980
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County NEWHALL POTRERO
Well name and No. RANCHO SAN FRANCISCO #112, Sec. 27, T 4N, R 17W SB B. & M.
A.P.I. well No. 037-13291 Name L. B. CARROLL JR. (Person submitting report) Title AGENT (President, Secretary or Agent)
Date MAR 10 1980, 19

Signature L B Carroll Jr.

23928 LYONS AVENUE, NEWHALL, CA 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date 1980 | |
|---|---|
| 1/29 | 8034 TD/7717 PBTD/13 3/8" 54.5# @ 323'/7" 23# & 26# @ 7759 W PERFS 7552-7572 7601-7641 & 7651-7706/5 1/2" 17# LINER 7734-7792 W PERFS 7756-7834 & 7872-7991/CEMENT PLUG @ 7717/CONVERT TO WATER INJECTION IN THE 3RD ZONE |
| 1/29 | 1/28/1/CPS MIRU/BLED WELL DOWN REMOVE PROD HEAD INSTALL BOP/RELEASE PKR UNABLE TO GO DOWN W PKR TO CHECK FILL/STARTED PULLING 2 7/8" TBG & PKR/SDFN/DUE TO WEATHER/ |
| 1/30 | 1/29/2/CONTINUE PULLING TBG & PKR/CHECK FILL W SAND LINE @ 7704 (13'), RUN 7" BAKER LOK SET PKR ON 2 7/8 TBG HYDROTESTING TBG TO 5000# WHILE RUNNING IN HOLE/REMOVE BOP & WORKING PLATFORM/SDFN |
| 1/31 | 1-30/3/MIXED 15 GALS EA OF TRETOLITE X-L 370 & K-700 W 300 BBLS FRESH WATER & PUMPED TREATED WATER BEHIND PKR/SET LOK SET PKR IN 10,000 BBLS COMPRESSION @ 7491' PRESSURE TESTED PKR TO 800 PSI/ INSTALL INJ TREE/RDMO DROP FROM DAILY REPORT WHILE INSTALLING INJECTION LINES/ |
| 2/6 | 2-5/4/24 HRS INJECTED 932 BBLS TP 1100# CP 300#/ |
| 2/7 | 2-6/5/24 HRS INJECTED 893 BBLS TP 1325# CP 350#/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

DIVISION OF OIL AND GAS
RECEIVED
DEC 10 1979
SANTA PAULA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

S

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #112, API No. 037-13291, Sec. 27, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth. 8034' PBTD 7994'

2. Complete casing record, including plugs and perforations:

13-3/8" 54.5# casing set @ 323' with 200 sacks cement. Sur BFW 700'
7" 23 & 26# casing set @ 7759' with 600 sacks cement. Fill 5959
5½" 17# liner hung 7734'-7992' - no cement.
Perforations: 7756'-7834' & 7872'-7991' in 5½" liner.

3. Present producing zone name 3rd Zone in which well is to be recompleted 3rd Zone

4. Present zone pressure 550 New zone pressure 550

| | (Date) | (Oil, B/D) | (Water, B/D) | (Gas, Mcf/D) |
|---|---|---|---|---|
| 5. Last produced | 9-20-79 | 0 | 52 | 21 |
| or | | | | |
| 6. Last injected | NA | | | |
| | (Date) | (Water, B/D) | (Gas, Mcf) | (Surface pressure, psig.) |

The proposed work is as follows: CONVERT TO WATERFLOOD.

1. MIRU pulling unit. Load well w/prod wtr. Install Class II 2M BOP.
2. Release Bkr Model "G" pkr & tag for fill. Strap out of hole w/tbg. Lay down GL valves & packer.
3. Run 2-7/8" 6.5# J-55 tbg w/Bkr 7" 26# Lok-Set pkr & (1) jt tailpipe to 7500'. Circ well w/fresh wtr containing 5 gals/100 bbls Tret. XC-370 & 5 gals/100 bbls K-700. Set pkr w/10,000# compression.
4. Remove BOP & NU wtr injection wellhead. RD & RR.
5. Put on injection & test. Run injection survey within 30 days after completing workover. Notify D.O.G. to witness.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 LYONS AVENUE (Street)
NEWHALL (City) CALIFORNIA (State) 91321 (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L.B. Carroll Jr. (Name) L.B. CARROLL, JR. DEC 04 1979 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS
RECEIVED
JUL 23 1979
SANTA PAULA, CALIFORNIA

# DIVISION OF OIL AND GAS
## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| 66 | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #112, API No. 037-13291, Sec. 27, T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows:

1. Total depth. 8034' PBTD 7994'

2. Complete casing record, including plugs and perforations:

13-3/8" 54.5# casing set @ 323' with 200 sacks cement
7" 23 & 26# casing set @ 7759' with 600 sacks cement
5½" 17# liner hung 7734'-7992' - no cement
Perforations: 7756'-7834' & 7872'-7991' in 5½" liner

3. Present producing zone name 3A Zone Zone in which well is to be recompleted 3 Zone

4. Present zone pressure 450 New zone pressure 500

5. Last produced 6-12-79 (Date) 1 (Oil, B/D) 165 (Water, B/D) 20 (Gas, Mcf/D)

or

6. Last injected N/A (Date) (Water, B/D) (Gas, Mcf) (Surface pressure, psig.)

The proposed work is as follows:

1. Dump 36 cu ft sand in hole to fill liner.
2. Dump 2 cu ft Class "G" neat cmt w/dump bailer. WOC 8 hrs & tag top of cmt.
3. Test cmt plug to 1500#.
4. Spot 1200 gals 10% MSA acid 7546'-7700'.
5. Run Gamma Ray-Neutron Correlation Log 5734'-7734'.
6. Perforate 7546-66', 7595-7635' & 7645-7700' w/2 JSPF.
7. Run tubing w/gas lift valves & packer to 7540', set pkr @ 7505'.
8. Put well on gas lift & test.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 LYONS AVENUE (Street)
NEWHALL (City) CALIFORNIA (State) 91321 (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By [signature] (Name) JACK ANDREWS JUL 19 1979 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
MAR 9 - 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13291

8

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. March 6, 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | R.W.B | | | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 112-3, Sec. 27, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2513.02 feet [redacted] S., and 4609.66 feet E. [redacted] from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ground ~~xx~~ ~~xxxxxxxxxx~~ above sea level is kelly bushing 1208.70 1196.40 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 320' | Cemented |
| 7" | 23, 26# | J-55, N-80 Smls | 7760' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 7935' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

SUNRAY OIL CORPORATION
~~XXXXXXXXXXXXXXXXXXXXXX~~
(Name of Operator)

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Duplicate History mailed 10-[illegible] w/ [illegible] only

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GA
RECEIVED
OCT 17 1979
SANTA PAULA, CAL NIA

# History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County NEWHALL-POTRERO
Well Rancho San Francisco #112 Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-13291 Name L. B. CARROLL, JR. (Person submitting report) Title Agent (President, Secretary or Agent)
Date OCT 09 1979, 19

Signature [illegible]

23928 Lyons Avenue, Newhall, California 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1979 | |
| 9/5 | TD 8034'/PBTD 7994'/13-3/8 @ 323'/7 @ 7759'/5½ LNR @ 7734-7734-7992/ RECOMP FRM 3A TO 3RD ZONE/LA CA/WI 81.5/LAST TEST: GL 2 BO 145 BW 15 MCFD/MIRU/KILL WELL w PROD WTR/INSTL BOP/STRP OUT OF HOLE w TBG/ RIH w 2-7/8" SAWTOOTH COLR & TBG/TAG FILL @ 7974'/PU TO 7718'/DUMP 36 SX SD/PU 120' TO 7598' & SDFN/ |
| 9/6 | TAG TOP OF SAND @ 7711'/REV SD OUT TO 7724'/POOH/RIH w DMP BAILR & 3 JTS 2-7/8" TBG ON SD LINE/DMP 2 SX CLASS "G" NEAT CMT/POOH/SD WOC/ 9-7/CK TOP OF CMT @ 7717' w SD LINE/TST CSG & PLG TO 1500# FOR 15 MINS - OK/RAN SAW TOOTH COLR & 2-7/8" TBG TO 7700'/SPOT 1200 GALS HOWCO 10% MSA w 7 DAY INHIBITOR 7700-6471'/DISPL w 245 $FT^3$ PROD WTR/ POOH/LD DN EXTRA TBG/MC CULLOUGH RAN GR-NEUTRON CORRELATION LOG 7718-5600'/SDFN/9-8/MC CUL PERF 7706-7651', 7641-7601' & 7572-7552' w 2 JSPF - 230 HOLES TTL w 4" OMEGA II CSG GUN AS PER MC CUL GR-NEUTRON LOG DATED 9-6-79/RIH w TBG TO 7717' & REV OUT ACID, GAS & OILY WTR/RIH w BKR MOD G PKR & GAS LIFT VALVES ON 2-7/8" TBG/SDFN/ |
| 9/9 | FIH w TBG/SET PKR @ 7507' w 14,000# COMP/REMOVE BOP & NU WELLHD/RD & RR/ |
| 9/10 | PUT WELL ON HAS LIFT/WILL REPROT TESTS 1 DAY LATE/ |
| 9/11 | GL 0 BOPD, 261 BLWPD, 20 MCFD, 225 MCFD LIFT GAS, TP 80, CP 620 (-50 BLW) |
| 9/12 | GL 0 BOPD, 50 BLW, 30 BWPD, 21 MCFD, 238 MCFD LIFT GAS, TP 80, CP 540/ ALL LOAD RECOVERED/ |
| 9/13 | GL 0 BOPD, 62 BWPD, 18 MCFD, 230 MCFD LIFT GAS, TP 80, CP 540/ |
| 9/14 | GL 9 BOPD, 69 BWPD, 18 MCFD, 150 MCFD LIFT GAS, TP 100, CP 530 |
| 9/17 | GL 0 BOPD, 65 BWPD 22 MCFD, 178 MCFD LIFT GAS, TP 80, CP 625/9-16/GL 0 BOPD, 64 BWPD, 20 MCFD, 175 MCFD LIFT GAS, TP 95, CP 625/9-17/GL 0 BOPD, 71 BWPD, 21 MCFD, 178 MCFD LIFT GAS, TP 80, CP 625/ |
| 9/18 | GL 0 BOPD, 62 BWPD, 25 MCFD, 180 MCFD LIFT GAS, TP 80, CP 625/ |
| 9/19 | GL 0 BOPD, 68 BWPD, 28 MCFD, 185 MCFD LIFT GAS, TP 100, CP 625/ |
| 9/20 | GL 0 BOPD, 52 BWPD, 21 MCFD, 186 MCFD LIFT GAS, TP 100, CP 625/WILL SI WELL PENDING CONVERSION TO WIW/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

March 16, 1998

Bradford A. Dewitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Your report of the plugging and abandonment of well "Rancho San Francisco" 113, A.P.I. No. 037-13292, Section 27, T. 4N, R. 17W, SBB.& M., Newhall Potrero field, Los Angeles County, dated January 12, 1998, received January 23, 1998, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

tkc

cc: Update

Modified OG159 (4/94)

OPERATOR Sun Explor
WELL NO. "Rancho San Francisco" 113
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Convert to observ. | [illegible] | [illegible] | | | |
| NOTICE DATED | 3-27-87 | 8-17-94 | 8-11-97 | | | |
| P-REPORT NUMBER | 287-96 | P294-192 | 297-280 | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | PMC 7/23/87 MAP 253 | 7-27-97 | 2-7-98 | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-30-87 | | 8-18-94 | | 8-14-97 | | | | | | | |
| HISTORY | NOT NEEDED* | | 10-6-94 | | 1-23-98 | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

6 month WSO
due (6/94)
rock 12/98

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | | 2-4-98 PC | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE SDM 7-6-87 BYY 3-18-98 BYY 3-18-98

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS: *NOT REQUIRED, NO CASING ALTERATION
No production a/o Jun 95 Recheck 12-95

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles
Well "Rancho San Francisco" 113 Sec. 27, T. 4N, R 17W, S. B. B. & M.
A.P.I. No. 037-13292 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)
Date January 12, 1998

Signature

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1997 | |
| 9/23 | MIRU coil tubing unit (CTU) w/BOPE. RIH w/CT, tagged down at 9250 ft. Mixed and pumped 162 $ft^3$ Class "G" cmt, plugged from 9220 ft to 8445 ft. POOH. SIWFN. |
| 9/24 | RU perforators. RIH, shot eight 1/2" holes at 7150 ft. Well took fluid on vacuum. RD perforating unit. MIRU CTU. RIH, tagged cmt at 8492 ft. Pumped 50 bbls 9.6 lb/gal mud 8492 ft to 7150 ft. W/tubing at 7150 ft, laid 146 $ft^3$ Class "G" cmt from 7150 ft to 6468 ft. PUH to 5868 ft and sqz'd est. 39 $ft^3$ out holes at 7150 ft. Tag, mudding and squeeze witnessed by Paul Cronmiller, DOGGR. Pulled CT uphole, SIWFN. |
| 9/25 | RIH and tagged cmt at 6620 ft (32 $ft^3$ out holes). Pumped 212 bbls 9.6 lb/gal mud from 6620 ft to 1200 ft. Tag and mudding witnessed by Steve Mulqueen, DOGGR. POOH. RD CTU. SIWFN. |
| 9/26 | RU perforators. RIH to 1200 ft, made cavity shot. PUH to 121 ft, shot eight 1/2" holes. RD perforators. RU CTU. RIH, pumped 66 $ft^3$ of Class "G" cmt to plug 1200 ft to 900 ft. POOH. SIWFN. |
| 9/29 | RIH w/CT, tagged cmt at 893 ft. Pumped 30 bbls 9.6 lb/gal mud from 893 ft to 121 ft. RDMO CTU. RU cmt unit, pumped 98 $ft^3$ of Class "G" cmt down 7" casing, out holes at 121 ft and up 7"x 13-3/8" annulus. Cmt returns to surface. Tag, mudding, and surface cmt work witnessed by Steve Mulqueen, DOGGR. RDMO cmt unit. |
| 11/20 | Completed abandonment, welded cap and marker. Cleared and cleaned location. |

RECEIVED
JAN 23 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY Mecla Chin WELL NO. Rancho San Francisco 113

API NO. 037-13292 SEC. 27, T. 4N, R. 17W, SB B.&M.

COUNTY LA FIELD Newhall - Potrero

RBDMS DATA ENTERED: 8/21/97
(DATE)

BY: SAT
(NAME)

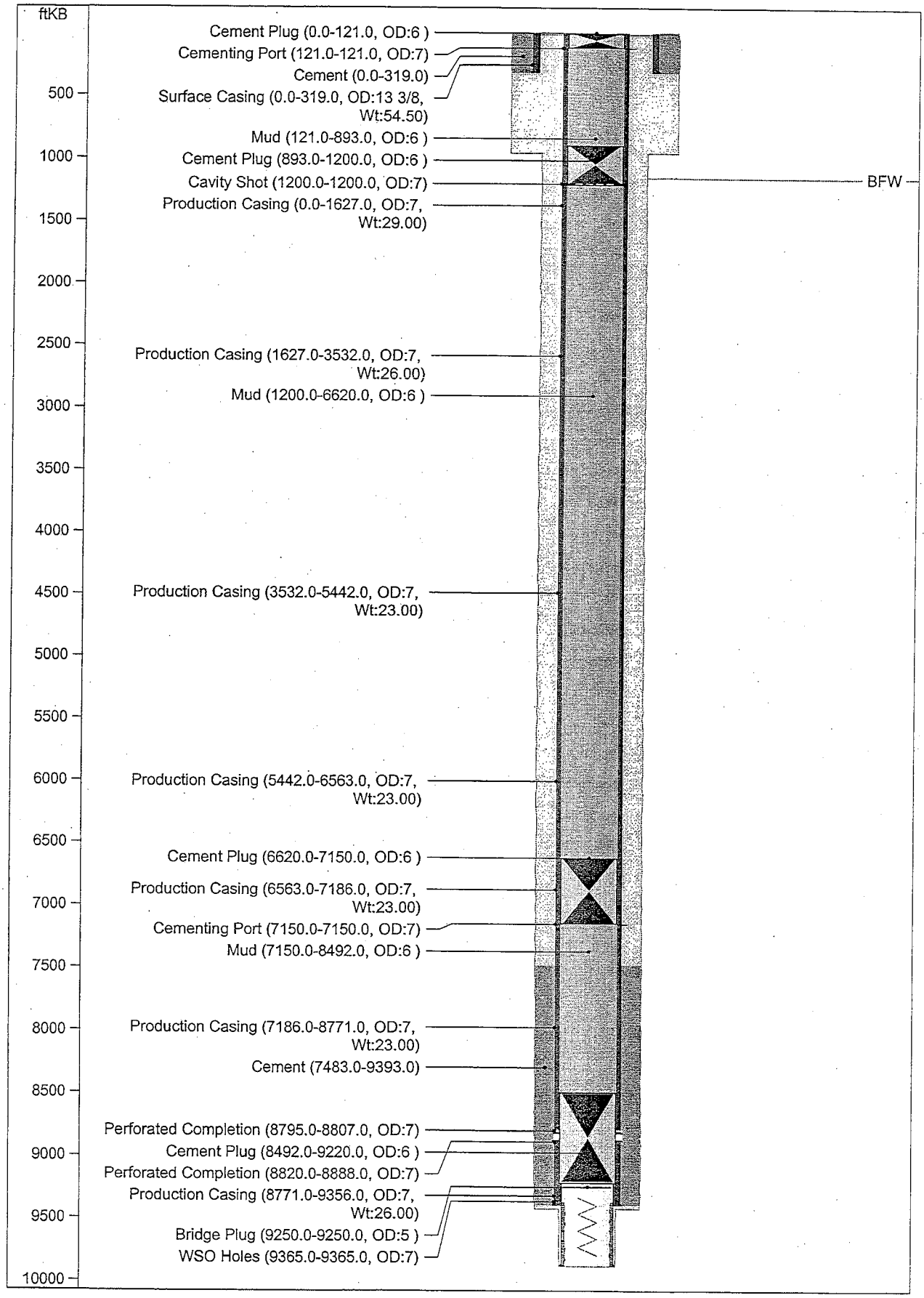
RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

UPDATED 9-30-97 S. MULQUEEN

**WELL CONSTRUCTION DATA ONLY**

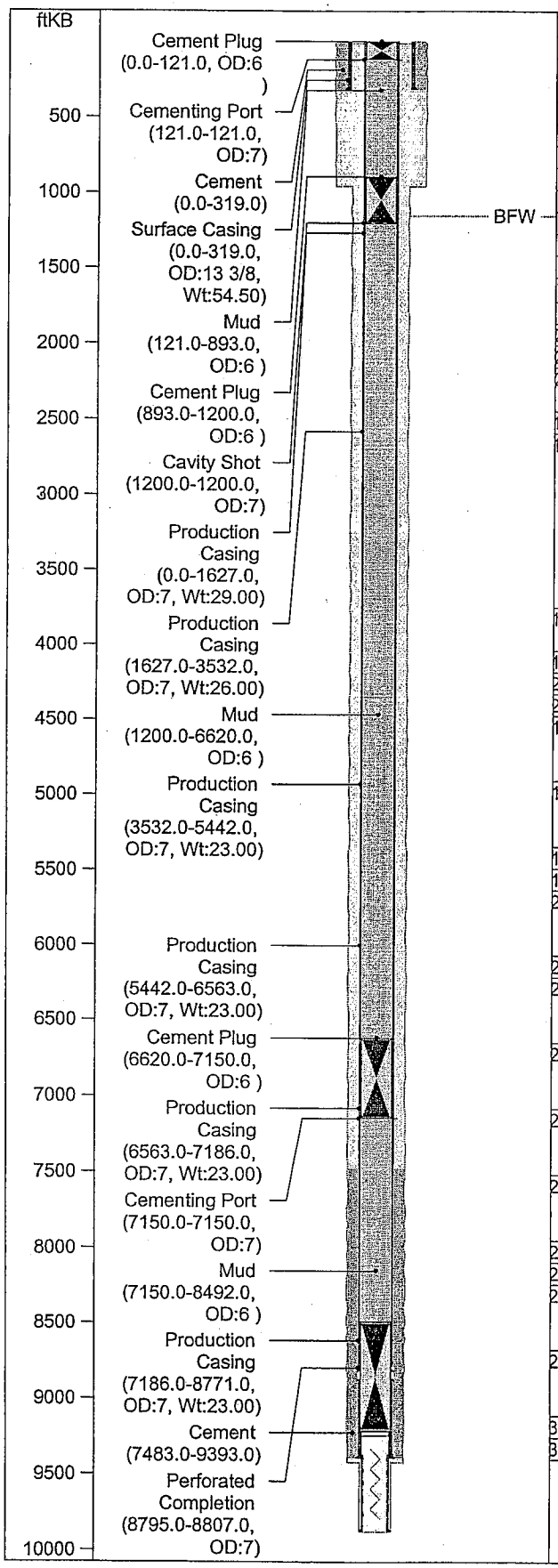
# RANCHO SAN FRANCISCO 113

10/2/97



# RANCHO SAN FRANCISCO 113

9/30/97




| 04037132920000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 113 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 9882.0 ftKB |
| PBTD | 0.0 ftKB |
| Approval Date | 31-Mar-53 |
| Spud Date | 26-Mar-53 |
| TD Date | 31-May-53 |
| Production D... | 31-May-53 |
| Injection Date | |
| P/A Date | 29-Sep-97 |

## Event History

| Date | Event | Description |
|---|---|---|
| 27-Mar-53 | Bore Hole | 17 1/2in, Depth 957.0ftKB |
| 27-Mar-53 | Cas Run | 13 3/8 in Surface Casing, ID: 0in |
| 27-Mar-53 | Cas Cmnt | Surface Casing, Top Found At 0.0ftKB, Amnt 4* |
| 11-May-53 | Bore Hole | 11 in, Depth 9425.0ftKB |
| 11-May-53 | Cas Run | 7 in Production Casing, ID: 0in, 7 in Production Casing, ID: 0in, 7 in Production Casing, ID: 0in, 7 in Production Casing, ID: 0in, 7 in Production Casing, ID: 0in, 7 in Production Casing, ID: 0in, 7 in Production Casing, ID: 0in, 7 in Production Casing, ID: 0in |
| 11-May-53 | Cas Cmnt | Production Casing, Top Found At 7483.0ftKB, Amnt 12* |
| 14-May-53 | Cas Run | 7 in WSO Holes, ID: 0in |
| 29-May-53 | Bore Hole | 5 7/8in, Depth 9882.0ftKB |
| 29-May-53 | Cas Run | 5 1/2 in Liner 1, ID: 0in |
| 15-Aug-94 | Other Run | Bridge Plug, 9250.0 - 9250.0ftKB, OD: 5 in, OD adjusted down from 5.5 for diagrammatic purposes. |
| 15-Aug-94 | Other Run | Junk, 9336.0 - 9797.0ftKB, OD: 2 in, OD adjusted down from 2.875 for diagrammatic purposes. |
| 17-Aug-94 | Cas Run | 7 in Perforated Completion, ID: 0in |
| 17-Aug-94 | Cas Run | 7 in Perforated Completion, ID: 0in |
| 23-Sep-97 | Other Run | Cement Plug, 8492.0 - 9220.0ftKB, OD: 6 in, OD adjusted down from 7 for diagrammatic purposes. |
| 24-Sep-97 | Cas Run | 7 in Cementing Port, ID: 0in |
| 24-Sep-97 | Other Run | Cement Plug, 6620.0 - 7150.0ftKB, OD: 6 in, OD adjusted down from 7 for diagrammatic purposes. |
| 24-Sep-97 | Other Run | Mud, 7150.0 - 8492.0ftKB, OD: 6 in, OD adjusted down from 7 for diagrammatic purposes. |
| 25-Sep-97 | Other Run | Mud, 1200.0 - 6620.0ftKB, OD: 6 in, OD adjusted down from 7 for diagrammatic purposes. |
| 26-Sep-97 | Other Run | Cement Plug, 893.0 - 1200.0ftKB, OD: 6 in, OD adjusted down from 7 for diagrammatic purposes. |
| 26-Sep-97 | Cas Run | 7 in Cavity Shot, ID: 0in |
| 29-Sep-97 | Cas Run | 7 in Cementing Port, ID: 0in |
| 29-Sep-97 | Other Run | Cement Plug, 0.0 - 121.0ftKB, OD: 6 in, OD adjusted down from 7 for diagrammatic purposes. |
| 29-Sep-97 | Other Run | Mud, 121.0 - 893.0ftKB, OD: 6 in, OD adjusted down from 7 for diagrammatic purposes. |
| 30-Sep-97 | Cas Run | 5 1/2 in Slotted Completion, ID: 0in |
| 30-Sep-97 | Cas Run | 5 1/2 in Slotted Completion, ID: 0in |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T297-272

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
October 20, 1997

Your operations at well "Rancho San Francisco" 113, API No. 037-13292, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 9-29-97. Steve Mulqueen, representative of the supervisor, was present from 0900 to 1000. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 319'; 7" cem 9393', perf 9365' WSO, cp 121' & 7150' perfs 8795'-8807' & 8820'-8888', cav shot 1200'; 5 1/2" ld 9371'-9880', perfs 9393'-9602' & 9680'-9839'. Junk below 9336'. TD 9882'. BP @ 9250'. Plugged w/ cem 9220'-8492', 7150'-6620', 1220'-893' & 121'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

SEC
OC
30-5L

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | — | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Rancho San Francisco" #113, API No. 037-13292, Sec. 27 T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on September 1, 19 97.

The present condition of the well is:

1. Total depth PBTD = 9880 FT
2. Complete casing record, including plugs and perforations (present hole)

Please see below.

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

RECEIVED
AUG 14 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

The proposed work is as follows:

Please see attached **Proposed Abandonment Program.**

**Complete Casing Record** (see No. 2 above):
13-3/8" 54.5# J-55 casing cmtd @ 319 FT.
7" 23#, 26# & 29# J-55 & N-80 casing cmtd @ 9,393 FT; perf'd 2 HPF 8,795 FT - 8,807 FT, 8,820 FT - 8,888 FT; drillable bridge plug @ 9,250 FT.
5-1/2" 17# J-55 liner hung 9,311 FT - 9,880 FT; perf'd 192 1/4" HPF 9,393 FT - 9,602 FT, 9,639 FT - 9,680 FT.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 Mohawk Street, Suite 154 (Street)
Bakersfield, CA 93309 (City) (State) (Zip)
Telephone Number ( ) 805/635-0465 (Area Code) (Number)

Medallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
Claude D. Fiddler 8-11-98 (Signature) (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator DKM Offshore Energy, Inc. Field or County Newhall Potrero - Los Angeles
Well RSF #113, Sec 27, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-13292 Name Claude D. Fiddler (Person submitting report) Title Agent (President, Secretary or Agent)
Date September 13, 19 94

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

**History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

Date

8/15/94 MIRU workover rig, remove tree, installed and tested Class II BOPE, pulled 9,144 ft. N-80 and J-55 tubing. RU wireline unit, RIH made gauge ring run to 9,250 ft. POOH w/wireline. RIH w/wireline set cast iron B. P. at 9,250 ft. POOH w/wireline. Tested BP to 1,000 psi. RIH w/GR-CCL 8,200 ft. to 9,196 ft. POOH w/GR-CCL RD wireline unit. SIWFN.

8/16/94 RIH w/tubing to 8,000 ft. RU nitrogen truck blew well down with 180,000 $ft^3$ $N_2$. POOH w/tubing SIWFN.

8/17/94 RU. Perforating unit, RIH tagged BP at 9,250 ft. Perforated following intervals w/2 JHPF: 8,888 ft. - 8,820 ft., (68 ft.) and 8,807 ft. - 8,795 ft. (12 ft.) RD perforators. Rigged tubing testers, ran 8,785 ft. 2-7/8" N-80 and J-55 EUE tubing. Tested to 5,000 psi (ok). Tubing anchor at 8,690 ft. RD tubing testers. SINFN.

8/18/94 RD BOPE N/U production tree. RIH w/2-1/2 x 1-1/4 x 18 x 20 RHB pump on 1" - 7/8" - 3/4" RUD string. Pump at 8,694 ft. RDMO workover rig.

Used portable P/U to production test well.

RECEIVED
OCT 06 1994
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# NOTICE OF INTENTION TO REWORK WELL

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| BOND | FORMS | | EDP WELL FILE |
| | OGD114 | OGD121 | |
| BB | ✓ | ✓ | |

This notice and an indemnity or cash bond must be filed, and approval given, before rework begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well RSF #113 (Well designation), API No. 037-13292

Sec. 27, T. 4N, R. 17W, SB B.& M., Newhall-Potrero Field, Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:

Present Wellbore conditons and Proposed Wellbore sketches attached.

2. The total depth is: 9882 feet. The effective depth is: 9336 feet.

3. Present completion zone (s): 6th Modelo* (Name). Anticipated completion zone (s): 5th Modelo (Name).

4. Present zone pressure: 1500 psi. Anticipated/existing new zone pressure: 850 psi.

5. Last produced: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

(or)

Last injected: Exact Date Unknown (Date) Unknown (Water, B/D) Unknown (Gas, Mcf/D) Unknown (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*

Please see attached Proposed Procedure.

*Annulus used for pressure observation of 123 zone waterflood

RECEIVED
AUG 18 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

Note: If the well is to be redrilled, show the proposed bottom-hole coordinates and estimated true vertical depth.
**The Division must be notified if changes to this plan become necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| DKM Offshore Energy | 918/491-4114 | |
| **Address** | **City** | **Zip Code** |
| 7130 S. Lewis Ave., Suite 700 | Tulsa, Oklahoma | 74136 |
| **Name of Person Filing Notice** | **Signature** | **Date** |
| Lee C. Francis | Lee C. Francis | 8/17/94 |

File In Duplicate

OG107 (8/92/GSR1/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

DIVISION OF OIL AND GAS
RECEIVED
MAR 30 1987
VENTURA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3. Public Resources Code, notice is hereby given that it is our intention to rework well No. Rancho San Francisco #113, API No. 037-13292, Sec. 27, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows: STG

1. Total depth. 9332' TD

2. Complete casing record, including plugs and perforations:

   See Attachment

3. Present producing zone name 123 Zone Zone in which well is to be recompleted same

4. Present zone pressure 2628# New zone pressure 2628#

5. Last produced N/A (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

or

6. Last injected 4/86 (Date) N/A (Water, B/D) 100 (Gas, Mcf) 2500 (Surface pressure, psig.)

The proposed work is as follows:

Convert to pressure observation well for monitoring pressures in secondary recovery areas.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 WEST RYE CANYON ROAD (Street)
VALENCIA (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION AND PRODUCTION COMPANY (Name of Operator)
By F. E. Armijo (Name) 3/27/87 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 26 1953
LOS ANGELES, CALIFORNIA

037-13292

## Notice of Intention to Drill New Well

7

This notice must be given and surety bond filed before drilling begins

Newhall Calif. March 21 1953

DIVISION OF OIL AND GAS

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 113-6, Sec. 27, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 3004.38 / ~~3022~~ feet [redacted] S., and ~~3804~~ / 3813.01 feet E. [redacted] from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushing / conc.mat above sea level is 1212.6 / 1199.3 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about ..... feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 300 | Cemented |
| 7" | 23, 26, 29# | J-55 & N-80 Smls | 9380 | Cemented |
| 5-1/2" | 17# | J-55 Smls | 9710 | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Change of designation May 18, 1977 to "Rancho San Francisco" 113

OPERATOR CA Properties

A.P.I. 037-13293

WELL NO. "RSF" 114

SECTION 27, T. 4 N, R. 17 W

MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Rework | REPERFORATE | | | | |
| NOTICE DATED | 10-16-95 | 04/26/2005 | | | | |
| P-REPORT NUMBER | P295-253 | P205-77 | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | N/C | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-20-95 | | 04/26/05 | | | | | | | | | |
| HISTORY | 11-20-95 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |
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| WSO | Dec 4/96 | | | | | | | | | | | |
| 6 month Prod | | | | | | | | | | | | |
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ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | — | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE FMN 11/20/95

FINAL LETTER OK

MAILED

RELEASED BOND

INJECTION BOOK

LE WELL LIST

URFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL

ABANDONED-REMOVED FROM E.D.P.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P205-77

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
05 (new pool code)
05 (old pool code)

Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield CA 93308

Ventura, California
April 27, 2005

Your _____ proposal to reperforate well "Rancho San Francisco" 114, A.P.I. No. 037-13293 Sec. 27, T. 4N, R. 17W, SB B.&M., Newhall Potrero field, ---------- area, 1-2-3 pool Los Angeles County, dated 04/26/2005 received 04/26/2005 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. Wire line operations are conducted through at least a 2M lubricator.
4. This office shall be consulted before initiating any changes or additions to this proposed operation or if operations are to be suspended.
5. **THIS DIVISION SHALL BE NOTIFIED:**
   a. To inspect the installed blowout prevention equipment prior to commencing downhole operations.

cc: Alex Iwasiw

SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

Hal Bopp, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# NOTICE OF INTENTION TO REWORK / REDRILL WELL

R05-77

| C.E.Q.A. INFORMATION (when redrilling or deepening only) | | | |
|---|---|---|---|
| Exempt ☐ | Neg. Dec. ☐ | E.I.R. ☐ | Document not required by local jurisdiction ☐ |
| Class _____ | S.C.H. No. | S.C.H. No. | |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| Bond | Forms OGD114 | OGD121 | EDP Well File |
| 250,000 | 111 | 115 | |

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill (Circle one) well RSF No. 114 API No. 037-13293
(Well designation)

Sec. 27 T. 4N R. 17W S.B. B.&M. Newhall-Potrero Field

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
See attached program

2. The total depth is: _____ feet. The effective depth is: _____ feet.

3. Present completion zone (s): _____ (Name) Anticipated completion zone (s): _____ (Name)

4. Present zone pressure: _____ psi. Anticipated/existing new zone pressure: _____ psi.

5. Last produced: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

(or)
Last injected: _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☐

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*
See attached program

For redrilling or deepening: _____ (Proposed bottom-hole coordinates) _____ (Estimated true vertical depth)

**The division must be notified if changes to this plan become necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | (661) 254-2858 | |
| **Address** | **City** | **Zip Code** |
| 26835 W. Pico Canyon Rd. | Newhall | 91321 |
| **Name of Person Filing Notice** | **Signature** | **Date** |
| Alex B. Iwasiw | A B Iwasiw | 4/26/05 |

**File in Duplicate**

OG107 (7/87/GSR/SM)

4/21/05

# Medallion California Properties Company

## Well No. RSF 114
**API No.: 037-13293**
**Sec 27, T4N-R 17W**
**Field: Newhall Potrero**

**Clean out across the 3rd zone and re-perforate**

## Wellbore History and Data

| | | |
|---|---|---|
| **T.D.:** | 7,849' | **Spud Date:** 6/8/53 |
| **PBTD:** | 7,559' (tag 10' deeper then record) | **Orig. Completion Date:** 7/17/53 |
| **Casing:** | 12-3/4", 49.56# csg | 0' - 319', cmt'd w/ 210 sacks |
| | 7", 23# ,26# N-80, J-55 | 0' – 7,576', cmt'd w/ 600 sacks. |
| | 5 ½", 17# J-55 Liner | Hung 7,559' (tag 10' deeper then record) to 7,848'. |
| **W.S.O.:** | At 7,560'. | |
| **Original Perforations:** | 7,570' – 7,843' with 192 ½" round holes per foot with 16 rows on 1" centers; all plugged, (3A Zone). | |
| **Effective Perforations:** | 7265' – 7330', 7330' – 7405', 7415' – 7468', 7475' – 7485', 7504' – 7546', 2 - ½" JHPF. 10/23/95, (3rd zone). | |
| **Fish:** | None | |
| **Plugs:** | Cement plug from 7559' – 7848' with 7" Cmt Retainer @ 7559' (tagged 10' deeper then record). | |
| **Elev:** | All depths refer to K.B. measurements, 13.0' above the mat. | |

4/21/05

## Recommended Procedure

1. MIRU. POOH with rods and DHP.
2. NU BOP's. POOH with 2 7/8" 6.5# EUE.
3. PU 6" bit, 7" casing scraper and 2 7/8" EUE tubing clean out to 7559', POOH.
4. RIG up wire line, run CNL logs across 3rd sand zones.
5. RU wire line perforators. Perforate the following 3rd zone intervals with 5 - ½" JHPF:

   7266' to 7546' select intervals from CNL log.

6. Rig down perforators.
7. PU and GIH with BHA and tubing anchor on 2 7/8" tubing string.
8. GIH with DHP and rods.
9. RD/MO service rig.
10. Return well to production.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator Medallion California Properties Field or County Newhall Potrero - Los Angeles
Well "Rancho San Francisco" #114, Sec 27, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-13293 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary or Agent)
Date November 14, 19 95

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

**History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

| Date | |
|---|---|
| 10/17/95 | MIRU service hoist. Bled off tubing, removed production tree N/U Class II BOPE. SI well for night. |
| 10/18/95 | Bled down tubing, pulled and laid down 10 joints of 2-7/8" kill string. R/U Tiger Wireline Services. Ran Gamma ray neutron correlation log. Tag fill at 7,828 ft. R/D Tiger Wireline Service, made 7" scraper run. POOH with scraper. SIWFN. |
| 10/19/95 | Completed POOH with scraper. Ran and set 7" Robison cement retainer to 7,559 ft. Tested tubing to 4,000 psi. Open slide value broke down liner perforations 2 BPM at 1,375 ft psi. Cemented 5" liner with 38 $ft^3$ (33sx) Class "G" cement w/0.1% HR7 and 0.5% Halad. Final squeeze pressure was 1,785 psi. Released from retainer and POOH. SIWFN. |
| 10/23/95 | R/U Tiger Wireline Service perforating gear. RIH to 7,546 ft with 4" casing guns and perforated 2 HPF the following five intervals: 7,546-7,504', 7,485-7,475', 7,465-7,415', 7,405-7,350 ' and 7,330-7,265'. POOH, rig down perforators. |
| 10/24/95 | Made up 2-7/8" eve J-55 tubing string with pump shoe. RIH with 7,471 ft tubing and accessories. Pump shoe at 7,405'. Ran 7/8" - 3/4" combination rod string w/2-1/2" x 1-1/4" x 20 RHB pump. |
| 10/27/95 | Placed well on production with portable pumping unit. |

RECEIVED
NOV 20 1995
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P295-253

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
05
(new pool code)
05
(old pool code)

James R. Weddle, Agent
Medallion Calif. Properties
1400 Easton Drive, Suite 133
Bakersfield, CA 93309

Ventura, California
November 2, 1995

Your _____ proposal to rework _____ well "Rancho San Fransico" 114, A.P.I. No. 037-13293, Section 27, T. 4N, R. 17W, S.B. B.&M., Newhall-Potrero field, --------- area, 1-2-3 pool, Los Angeles County, dated 10/16/95, received 10/20/95, has been examined in conjunction with records filed in this office.

THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED PROVIDED THAT :

1. The Division will monitor the monthly production of this well for a period of six months and if anomalous water production is indicated, remedial action will be required.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (Modified 1993)

RECEIVED
OCT 20 1995
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# NOTICE OF INTENTION TO REWORK WELL

FOR DIVISION USE ONLY

| BOND | FORMS | | EDP WELL |
|---|---|---|---|
| | OGD114 | OGD121 | FILE |
| | ✓ | ✓ | |

This notice ~~and an indemnity or dash bond~~ must be filed, and approval given, before rework begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well Rancho San Francisco #114 (Well designation), API No. 037-13293

Sec. 27, T. 4N, R. 17W, S.B. B.& M., Newhall/Potrero Field,

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:

   12-3/4" 49.5# casing CMT at 319 ft. 7" 23# and 26# J-55 and N-80 CMT at 7,576 ft. 5-1/2" 18# J-55 liner hung at 7,549 ft to 7,843 ft. Perforated 7,570 ft to 7,843 ft. with 192-1/4" round holes per foot undercut to 3/8".

2. The total depth is: 7,848 feet. The effective depth is: 7,843 feet.
3. Present completion zone(s): 3A Sand - 3rd Zone (Name). Anticipated completion zone(s): 3rd Sand - 3rd Zone (Name).
4. Present zone pressure: 400 psi. Anticipated/existing new zone pressure: Max 800
5. Last produced: Pre-1990 (Date) Unknown (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

   (or)

   Last injected: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)
6. Is this a critical well according to California Code of Regulations Sec. 1720(A)? Yes ____ No X

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*

*Perforate higher 3rd Zone section.*

*See attached program.*

Note: If the well is to be redrilled, show the proposed bottom-home coordinates and estimated true vertical depth. **The Division must be notified if changes to this plan be come necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | (805) 395-3029 | |
| **Address** | **City** | **Zip Code** |
| 1400 Easton Dr., Suite 133 | Bakersfield, CA | 91321 |
| **Name of Person filling Notice** | **Signature** | **Date** |
| Claude D. Fiddler (Agent) | Claude D. Fiddler | October 16, 1995 |

File in Duplicate

OG 107

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 114-3 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 2126.17' S. & 3065.92' E. from Cor. "J" Elevation of kelly bushing 1199.56 ground above sea level 1186.26 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date August 4, 1953 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling June 8, 1953 Completed drilling July 17, 1953 Drilling tools Rotary

Total depth 7848' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing July 17, 1953 (date) Flowing ~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 750 | 32.5° | 0.3 | 1082 | 210 | 920 |
| Production after 30 days | | | | | | |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 12-3/4" | 319 | Surface | 49.56# | New | E.W. | "B" | 17-1/2" | 210 | -- |
| 7" | 7576 | Surface | 23#,26# | New | Smls | J55&N80 | 11" | 600 | -- |
| 5-1/2" | 7843 | 7549 | 17# | New | Smls | J-55 | 11" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 7570 ft. | 7843 ft. | 192 1/4" Rd. Holes/Ft. | | | Shop |
| | ft. | ft. | undercut to 3/8" | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 7748', 7848' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS



## History of Oil or Gas Well

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 114-3, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date August 4, 1953 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| 1953 Date | |
|---|---|
| 6/8 | Spudded in. Drilled 11" hole to 957'. Opened 11" hole to 17-1/2" from surface to 319' |
| 6/9 | Ran and cemented 12-3/4" 49.56# Grade "B" E.W. slip joint casing at 319' with 210 sacks Colton Construction cement containing 2-1/2% gel. Had 5 cu. ft. cement returns to surface. |
| 6/10 | Drilled out with 11" bit. Found top of cement at 310'. Found shoe at 319'. Drilled ahead with 11" bit. |
| 7/4 | Depth 6971'. Converted fresh water-clay mud to low pH oil emulsion mud. Drilled ahead with 11" bit. |
| 7/11 | 1st Run Schlumberger Electric Log to 7748'. Ran Schlumberger Photoclinometer Survey. Drilled ahead with 11" bit. |
| 7/12 | T.D. 7848'. 2nd Run Schlumberger Electric Log to 7848'. Ran 7" 23, 26# J-55 and N-80 casing. Cemented shoe at 7576' with 600 sacks Colton Hi-Temp cement. Plugs did not bump. |
| 7/15 | Found top of cement at 7488', float collar at 7491'. Drilled out cement with 6-1/8" bit to 7566'. Shot four 3/8" holes at 7560' with McCullough bullet gun. Ran J.F.T. on 3-1/2" 13.30# drill pipe. Set packer at 7534' with tail piece to 7552'. Used 600' mud cushion, 1/2" bean. Opened tester at 1:10 P.M. for 1 hour. Had light blow for 3 minutes, dead balance of test. Recovered 1826' of drilling fluid. Charts showed tester open throughout test with no pressure buildup. W.S.O. approved by Gaede of Division of Oil and Gas. Drilled out cement from 7566' to 7582'. Found shoe at 7576'. Cleaned out to bottom at 7848' with 6-1/8" bit. |
| 7/16 | Ran and hung 5-1/2" 17# J-55 liner at 7843' with top of Burns plain type liner hanger at 7549'. Liner shop perforated with 192 1/4" round holes per foot, undercut to 3/8" from 7570' to 7843'. |
| 7/17 | Ran 323' of 2" and 7438' of 2-1/2" production tubing with bottom hole swage shoe at 7811'. Changed from mud to crude oil and completed well flowing. |

Sunray Oil Corporation
R.S.F. No. 114-3

DOG Form No. 103
Page 2
August 4, 1953

## PRODUCTION DATA

| Date 1953 | Oil Gross B/D | Oil Net B/D | Oil Cut % | Oil Grav. °API | Bean | Gas Gross | Gas Circ. | Gas Net Mcf | Gas GOR | Pressure Tubing | Pressure Casing |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/17 | 146 | 139 | 5.0 | 30.5 | | 459 | 300 | 159 | 1144 | | |
| 7/18 | 752 | 750 | 0.3 | 32.5 | 48 | | | 1082 | 1443 | 210 | 920 |
| 7/19 | 670 | 669 | 0.1 | 33.0 | 48 | | | 863 | 1290 | 240 | 930 |
| 7/20 | 679 | 678 | 0.1 | 33.0 | 48 | | | 920 | 1357 | 220 | 870 |
| 7/21 | 499 | 499 | 0.1 | 32.5 | 21 | | | 763 | 1529 | 200 | 940 |
| 7/22 | 475 | 475 | 0.1 | 32.7 | 21 | | | 675 | 1421 | 210 | 920 |
| 7/23 | 313 | 313 | 0.1 | 32.8 | 14 | | | 335 | 1070 | 200 | 980 |
| 7/24 | 251 | 251 | 0.1 | 32.7 | 14 | | | 331 | 1319 | 200 | 960 |
| 7/25 | 253 | 252 | 0.1 | -- | 14 | | | 330 | 1309 | 200 | 960 |

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
JUN 8 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-13293

## Notice of Intention to Drill New Well

2

This notice must be given and surety bond filed before drilling begins

Newhall Calif. June 4 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 114-3, Sec. 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2126.17 feet S., and 3065.92 feet E. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground or xxxxxxxxx above sea level is 1199.56 / 1186.26 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 300' | Cemented |
| 7" | 23# & 26# | J55&N80 " | 7,750' | Cemented |
| 5-1/2" | 17# | J-55 " | 7,950' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
XXXXXXXXXXXXXXXXXXXXXXXX
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JFM | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

February 26, 1999

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 116,

A.P.I. No. 037-13295, Section 27, T. 4N, R. 17W, SBB. & M.,

Newhall Potrero field, Los Angeles County,

dated January 4, 1999, received January 19, 1999, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 1, 1999.

2. Site inspection made and approved February 1, 1999.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

OPERATOR Medallion / CA Properties Co. A.P.I. 037 - 13293
WELL NO. "RSF" 116 SECTION 27, T. 4 N, R. 17 W
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 9-18-98 | | | | | |
| P-REPORT NUMBER | 298-154 | | | | | |
| CHECKED BY/DATE | PC 1-21-99 | | | | | |
| MAP LETTER DATED | 1-30-99 | | | | | |
| SYMBOL | + | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 9-24-98 | | | | | | | | | | | |
| HISTORY | 1-19-99 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | PC 2-1-99 | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE PC

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD
OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

REMARKS:

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: Medallion California Properties | Field: Newhall-Potrero | County: Los Angeles

Well: "Rancho San Fransico" 116 . Sec. 27 . T 4N . R 17W , S.B. B. & M.

A.P.I. No. 037-13295 | Name: Bradford A. DeWitt (Person submitting report) | Title: Agent (President, Secretary or Agent)

Date: January 4 , 19 99

Signature: Bradford A. DeWitt

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) | (805) 635-0465 (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/22/98 | Rig in pump lines and kill lines, blow down well. Fill tubing, pressured to 1,300 psi. Turn tubing to right, open drain release page anchor, let fluid equalize. Pump 10 barrels fluid down well, pull out of hole with tubing, break out drain and anchor. Haul in 20 joints 2⅜" tubing, tally. Pick up and run in hole. Tally tubing out derrick, run in hole to 5,754'. Close in well. |
| 12/23/98 | Open well, continue run in hole with tubing, tag fill at 7,129'. Strip on circulating head, reverse circulation and clean out to 7,320'. Circulate clean, pull out of hole to 6,711'. Close in well. |
| 12/28/98 | Bleed down well, run in hole with tubing, tagged at 7,280'. Turn hole over, circulate out oil and gas. Continue to clean out from 7,280' to 7,786'. Set tubing tail at 7,784', mix and pump 221 ft³ 50/50 Poz with 35% silica flour with 5 % gel. Pull out of hole with tubing to 3,390'. Close in well. |
| 12/29/98 | Run in hole with tubing, tag top of cement at 7,012', plug low, Paul Crommiller, D.O.G.G.R. witnessed. Set tubing tail at 7,010', mix and pump 84 ft³ 50/50 Poz with 35% silica flour with 5 % gel. Pull out of hole with tubing to 3,390'. Close in well. Clean pump. |
| 12/30/98 | Run in hole, tag cement at 6,666'. Paul Crommiller, D.O.G.G.R. witnessed tag and approved 10.5 ppg mud. Set tubing tail at 6,664', pump 219 barrels 10.5 ppg mud from 6,666' to 1,100'. Pull out of hole laying down tubing . Tear out B.O.P. and equipment. Rig down, move off. |
| 12/31/98 | Move in, rig up coiled tubing unit and equipment. Run in hole with coiled tubing unit to 1,100', mix and pump 66 ft³ (42 sacks) class "G" cement with 35% silica flour. Theoretical top of cement at 800'. Pull out of hole with tubing. Secure well. Rig down, move off. Note: wireline fire cavity shot at 1,100' and 4 ½" jspf x 1' at 110'. |
| 01/01/99 | Run in hole with coiled tubing unit, tag top of cement at 842'. Pump 33 barrels of mud, pull out of hole with coiled tubing unit. Hook up pump truck to 7" casing. Pump water down 7" casing up conductor, mix and pump 87 ft³ (56 sacks) class "G" cement with 35% silica flour. Good cement to surface. Rid down, move off. Bruce Hesson, D.O.G.G.R. witnessed and approved tag and 842' mudding operation and placement of surface plug. |

RECEIVED
JAN 19 1999
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

(DG103)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T299-6

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIF. PROPERTIES
1100 Mohawk St. Ste., 154
Bakersfield, CA. 93309-7416

Ventura, California
January 7, 1999

Your operations at well "Rancho San Francisco" 116, API No. (037-13295), Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 1-1-99. Bruce Hesson, representative of the supervisor, was present from 0700 to 1400. There were also present Von Fortenberry

Present condition of well: 12 1/4" cem 304'; 7" cem 7405', cp 110', cav. shot @ 1100', perf 7370' & 7405' wso Perf @ Int. 6968'-7309'; 5 1/2" Hq 7385'-7821', Perfs 7407'-7821'. TD 7825'. Plugged w/ cem 7784'-6666', 1100'-942' and 110'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor
By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

500
00
1-2-3
05
04

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☑
BOND ☐
OGD114 ☑
OGD121 ☑

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "RANCHO SAN FRANCISCO" #116 **API No.** 03713295 **Sec.** 27 **T.** 4N **R.** 17W SB **B.&M.**

NEWHALL-POTRERO **Field** LOS ANGELES **County, starting work on** 10-1-98

***The present condition of the well is***

**1. Total depth:** 7821'

**2. Complete casing record, with plugs and perforations (present hole):**

12¼" 49.56# GRADE "B" EW CASING CMTD @ 304'
7" 23# & 26# J-55 & N-80 CASING CMTD @ 7405' WSO @ 6920' (4½" HOLES) PERFORATED W/4½" HPF 6968'-7015', 7020'-7040'

**3. Date last produced or injected:** JUNE 1993

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**

☐ Yes ☒ No

**The proposed work is as follows:**

→ 7050'-7080', 7090'-7145' & 7160'-7309' WSO @ 7370 (4⅜" HOLES)
5½" 17# J-55 FJ LINER HUNG AT 7821'. TOL @ 7385'
PERFORATED W/192 ¼" RHPF 7407'-7624' & 7703'-7821'.

RECEIVED
SEP 24 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 ROSEDALE HWY (Street)
BAKERSFIELD (City) CA (State) 93308 (Zip)
Telephone Number (805) (Area Code) 635-0465 (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By CLAUDE D. FIDDLER (Print Name)
(Signature) 9-18-98 (Date)

OG108 (8/97)

Proposed Abandonment Program
Rancho San Francisco Well # 116
Newhall-Potrero Field, Los Angeles County

1. RU Coil Tubing Unit (CTU), install Class II BOPE. RIH and lay a Class "G" cement plug in the 5" and 5 1/2" liner and 7" casing from 7821 ft. to 6820 ft. Tag cement plug. DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay based mud from 6820 ft. to 1100 ft.

2 RU perforators, RIH with cavity shot gear to 1100 ft., make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1100 ft. to 1000 ft. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72 # mud from 1000 ft. to 100 ft.

4. RU perforators and shoot eight (8) 1/2" holes @ 100 ft. RD perforators. RIH with coil tubing and circulate surface plug into 7" X 12 1/4" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear surface location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make inspection of location after restoration.

CDF 9/18/98

RECEIVED
SEP 24 1998
DIVISION OF OIL, GAS AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY McCulloch WELL NO. RSF 116

API NO. 037-13295 SEC. 27, T. 4N, R. 7W, SB B.&M.

COUNTY LA FIELD Newhall-Potrero

RBDMS DATA ENTERED: 10/5/98
(DATE)

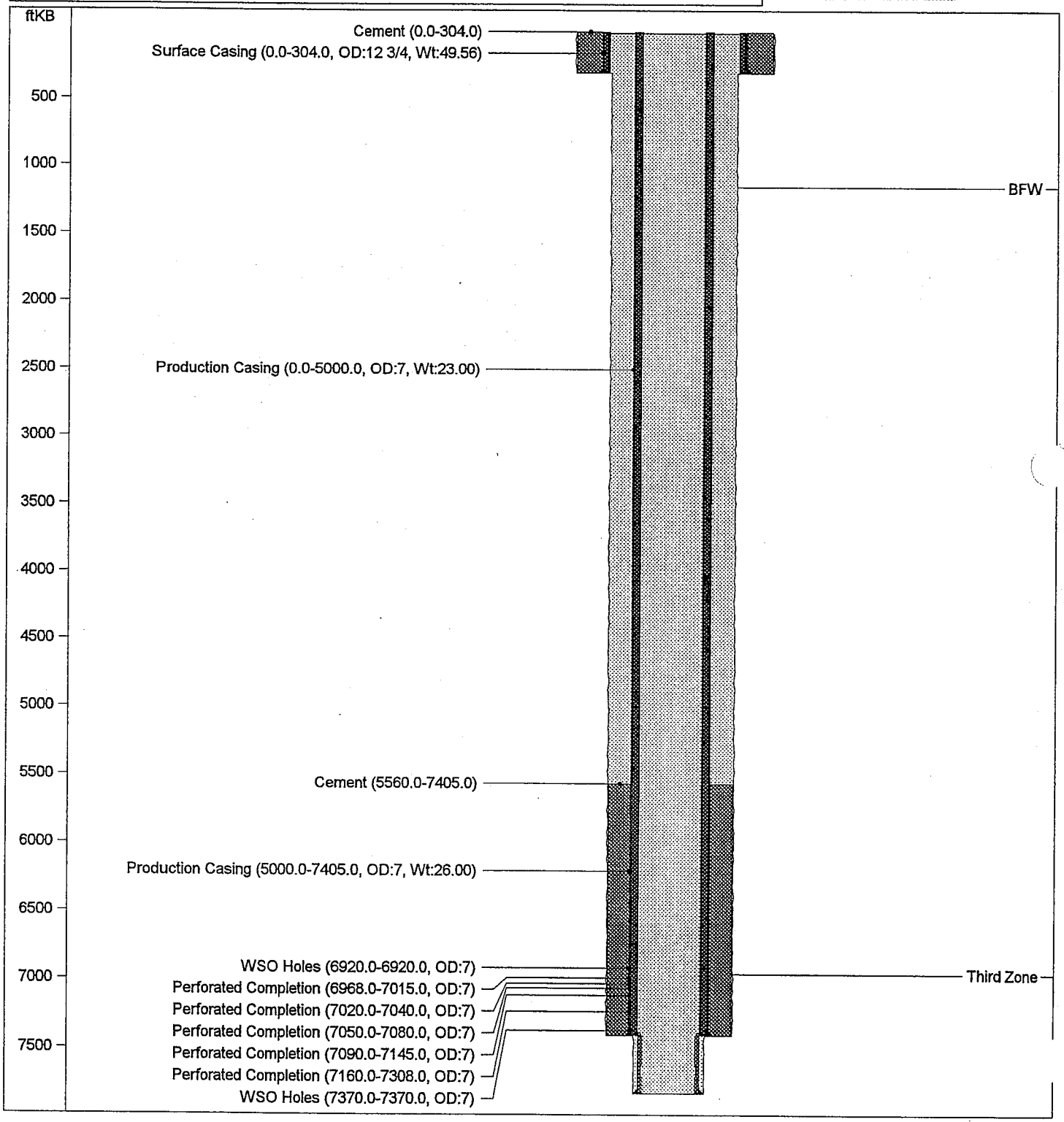
BY: SAP
(NAME)

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

| 04037132950000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 116 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 7825.0 ftKB |
| PBTD | 7825.0 ftKB |
| Approval Date | 03-Jun-53 |
| Spud Date | 22-May-53 |
| TD Date | 29-Jun-53 |
| Production Date | 29-Jun-53 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**10/5/98**

...S.
...RNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 26 1953
LOS ANGELES, CALIFORNIA

037-13295

3

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. May 22, 1953

DIVISION OF OIL AND GAS

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Los Angeles Calif. 18A

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. ~~B.G.P.~~ 116-3, Sec. 27, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1693.54 feet [redacted] S., and 1553.38 feet E. [redacted] from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushing above sea level is 1027.3 feet.
conc.mat 1014.0

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 12-3/4" | 49.56# | Grade "B" S.J. | 300' | Cemented |
| 7" | 23 & 26# | J-55&N-80 Smls | 7,400' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 7,800' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~XXXXXXXXXXXXXXXXXXXXXX~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

.M 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 153-691

Los Angeles Calif. June 15 1953

Mr. O A Grayheal
714 W Olympic Blvd Calif.
Los Angeles 15
Agent for SUNRAY OIL CORP

121

DEAR SIR: "Rancho San Francisco"

Operations at your well No. 116-3 Sec. 27, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by V F Gaede, Inspector, representative of the supervisor, on June 2, 19 53. There was also present R Griffith, Driller
R W Sharpe, Derrickman

| Casing Record | Junk |
|---|---|
| 12-3/4" cem. 304'; T.D. 3843' | None |

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 3:00 p.m. and Mr. Griffith reported:

1. A 17" rotary hole was drilled from surface to 304'.
2. On May 24, 1953, 12-3/4" 49.5 lb. casing was cemented at 304' with 200 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary h ole was drilled from 304' to 3843'.

THE INSPECTOR NOTED THAT the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. A Hydril blowout preventer for closing around the 4-1/2" drill pipe.
3. The controls for the equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 12-3/4" casing below the equipment.

The inspection was completed at 3:20 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

VFG:ES

M/G cc Company

R. D. BUSH
State Oil and Gas Supervisor

By H Mussen Deputy

44226 5-51 14,250 ② SPO

SUBMIT LOG IN DUPLICATE

STATE PRINTING OFFICE

FILL T ANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA Y

DIVISION OF OIL AND GAS
RECEIVED
JUL 20 1953
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 116-3 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 1693.54' S. & 1553.38' E. from Cor. "J" Elevation of ~~ground~~ kelly bushing 1027.26 above sea level feet. conc. mat 1013.96

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date July 15, 1953 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling May 22, 1953 Completed drilling June 29, 1953 Drilling tools Rotary

Total depth 7825' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing June 29, 1953 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 526 | 32.5° | 2.0 | 588 | 130 | 640 |
| Production after 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementing if through perforation |
|---|---|---|---|---|---|---|---|---|---|
| 12-3/4" | 304' | Surface | 49.56# | New | E.W. | "B" | 17-1/4" | 200 | |
| 7" | 7405' | Surface | 23# & 26# | New | Smls | J55&N80 | 11" | 600 | |
| 5-1/2" | 7821' | 7385' | 17# | New | Smls | J-55 | 8-1/2" | Hung | |
| | | | | | | | | | |
| | | | | | | | | | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 7370 ft. | 7369 ft. | Four 3/8" W.S.O. | | | Gun |
| 5-1/2" | 7821 ft. | 7703 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| ./2" | 7624 ft. | 7407 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 7400', 7821' (Attach Copy of Log)

FBW

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
JUL 20 1953
LOS ANGELES, CALIFORNIA

OPERATOR SUNRAY OIL CORPORATION FIELD NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO 116-3, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal by

Date July 15, 1953 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1953 | |
|---|---|
| 5/22 | Spudded in with 11" bit. Drilled ahead to 344'. |
| 5/24 | T.D. 344'. Opened 11" hole to 17-1/4" from surface to 304'. Ran 12-3/4" 49.56# E.W. Grade "B" slip joint casing with shoe at 304'. Cemented with 200 sacks of Construction cement containing 2-1/2% gel. Had cement returns to surface. |
| 5/25 | Drilled out with 11" bit. Found top of cement at 292' and shoe at 304'. Drilled ahead. |
| 6/20 | T.D. 7400'. 1st Run Schlumberger Electric Log to 7400'. Drilled ahead with 8-1/2" bit. |
| 6/24 | T.D. 7825'. 2nd Run Schlumberger Electric Log to 7821'. Reamed from 7400' to 7405' with 11" bit. |
| 6/25 | T.D. 7825'. Ran 7" 23# & 26# LT&C J-55 and N-80 casing with shoe at 7405' and float collar at 7316'. Cemented with 600 sacks of Colton Hi-Temp cement. |
| 6/27 | T.D. 7825'. Drilled out with 6-1/8" bit. Found top of cement at 7312' and float collar at 7316'. Drilled out cement to 7390'. Shot four 3/8" holes at 7370' with McCullough bullet gun. Ran J.F.T. on 3-1/2" 13.30# drill pipe with packer at 7358' and tailpiece at 7371'. Used 790' of mud cushion and 1/2" bean. Opened tester for 1 hour. Had light blow for 1/2 minute, dead for remainder of test. Recovered 20' of heavy drilling fluid. W.S.O. approved by Albright of Div. of Oil and Gas. Drilled out cement with 6-1/8" bit. Found shoe at 7405'. |
| 6/28 | T.D. 7825'. Cleaned out hole to 7822' with 6-1/8" bit. Ran and hung 436.00' of 5-1/2" 17# J-55 F.J. liner with California-Texas type open shoe at 7821' and Burns plain type hanger, top at 7385', shop perforated with 192 - 1/4" round undercut holes per foot in the intervals 7407'-7624' and 7703'-7821'. |
| 6/29 | Ran 2-1/2" and 2" production tubing with bottom hole swage shoe at 7788.34'. Changed from mud to crude oil and completed well. |

FBW

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, California

April 7, 1987

Mr. F. E. Armijo, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 121 (Name and number), A.P.I. No. 037-00071, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 3-25-87, received 3-30-87, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

Cons. Comm.
b

| MAP | MAP BOOK | CARDS | BOND | EDP | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|---|
| 253 (NW1/4) | pme 4/23/87 | | — | ✓ | — | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By Michael Stettner
Acting Deputy Supervisor

MICHAEL STETTNER

OG159 (11/82/GSR1/8M)

# WELL COMPLETION SKETCHES SUN–5036-4-A

| WELL | FIELD | DATE |
|---|---|---|
| RSF 121 | Newhall Potrero | 10-30-95 |

[X] PRESENT COMPLETION  [ ] SUGGESTED COMPLETION

## PERMANENT WELL BORE DATA

KB 13' AGL, GL 1124'

13 3/8" 54.5 # SRFC J-55 CSG CMT'D to surface in 17 1/2" hole w/ 210 sx CMT @ 327'

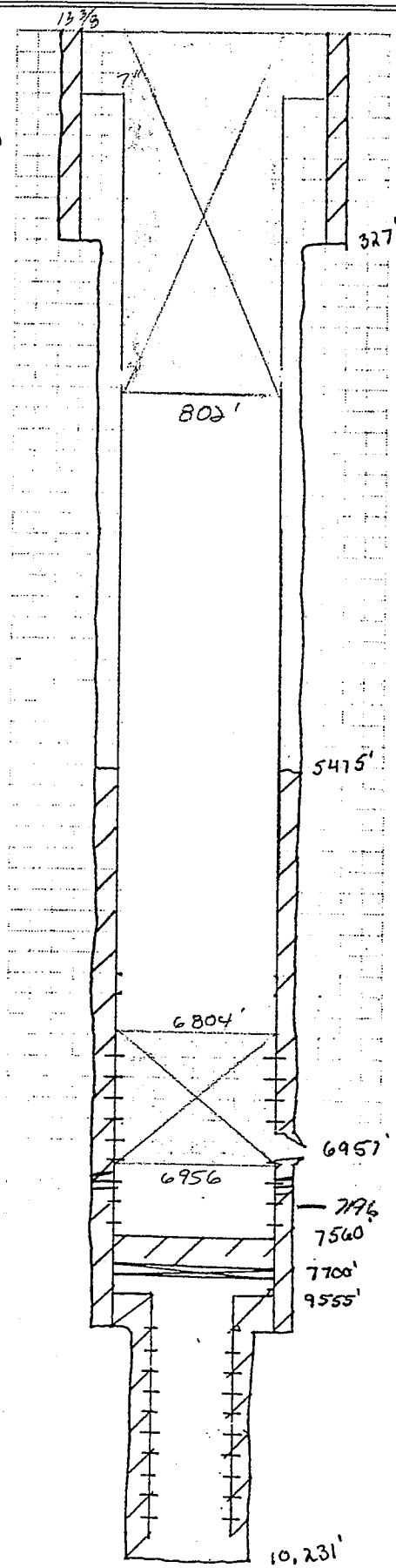
7" CSG CMT'D in 11" hole w/ 600 sx CMT @ 9570'. EST TOC @ 5475'

29# N-80 : 0-35'
26# N-80 : 35'-962'
23# N-80 : 962'-2143'
23# J-55 : 2143'-3748'
23# J-55 : 3748'-5748' (w/ N-80 properties)
26# N-80 : 5748'-7576'
29# N-80 : 7576'-9570'

Perfs in 7":
6919'-6920' (4-1/2 JH/F)
7030'-7031' (8-1/2 BH/F)
7150'-7151' (4-15/32 BH/F)
7200'-7225' (4-1/2" JH/F)
7235'-7235'
7265'-7280'
7280'-7300'
7310'-7345'
7355'-7390'
7405'-7440'
7450'-7510'

WSO @ 7060' (4-15/32" BH)

T.D. 10,231'




## DATA ON THIS COMPLETION

CUT & PULLED 81'

2 7/8" 6.5 # J-55 TBG EUE to 6934'
5/16" LM-12 1300 # @ 2450'
5/16" LM-12 1200 # @ 4643'
5/16" LM-12 1100 # @ 6258'
'C' mand 600 # @ 6964.1
CAV SHOT 800'
Baker mod R DBL Grip PKR @ 6903.3'

2 1/2" x 1 1/2" B.H. swage @ 6936'

EST TOC CMT @ 5475

Gash in pipe @ 6957'
cp 7030, 7059 & 7150
WSO 7060'
PBTD @ 7560'
C.I. Bridge Plug @ 7700'
TOP OF SEA ZONE 7196'
5 1/2" 17# J-55 lnr in 5 7/8" hole from 9555'-10,227'
WSO 9557
192-1/4' RH/F under cut to 3/8" fr. 9578-9834, 9912-10,108

OPERATOR Sun Exploration
WELL NO. "Rancho San Francisco" #21
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| ENTION | abd | | | | | |
| ICE DATED | 8-2-86 | | | | | |
| P-REPORT NUMBER | 286-257 | | | | | |
| CHECKED BY/DATE | map 253 | | | | | |
| MAP LETTER DATED | pmc 4/23/87 | | | | | |
| SYMBOL | ⊕ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 8-5-86 | | | | | | | | | | | |
| HISTORY | 3-30-87 | | | | | | | | | | | |
| SUMMARY | 3-30-87 | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. | OK 3/2/87 pmc | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE BLW

FINAL LETTER OK
MAILED 4-7-87
RELEASED BOND BB

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. ~~037-00071~~

# WELL SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| Operator: SUN EXPLORATION & PRODUCTION COMPANY | | Well: RSF #121 | | | |
| Field: NEWHALL-POTRERO | | County: LOS ANGELES | Sec. 27 | T. 4N | R. 17W | B.&M. SB |

Location (Give surface location from property or section corner, street center line and/or California coordinates): 2502' S & 1700' E FROM CORNER "J"

Elevation of ground above sea le: 1124'

Commenced ~~drilling~~ (date): 2-18-87 P&A

Completed ~~drilling~~ (date): 2-25-87 P&A

Commenced producing (date): N/A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): MIOCENE

Total depth: (1st hole) 10231' (2nd) (3rd)

Present effective depth: 7560'

Junk: NO

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is ±10' feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| TOP 3RD ZONE | 7196' |
| TOP 4U | 8260' |

DIVISION OF OIL AND GAS RECEIVED MAR 30 1987 VENTURA, CALIFORNIA

Formation and age at total depth: MIOCENE (MODELO)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | N/A | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Ce (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13 3/8" | SURFACE | 327' | 54.5# | N/A | NEW | 17 1/2" | 210' SX | |
| 7" | SURFACE | 9570' 23# | 26#,29# | J-55, N-80 | NEW | 11" | 600' SX | |
| 5 1/2" | 9555' | 10227' | 17# | J-55 | NEW | 5 7/8" | - | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

PERFS: 6919',-6920', 7030'-7031', 7059'-7060', 7150'-7151', 7200'-7225', 7235'-7260' 7265',-7280', 7280'-7300', 7310'-7510', 7600'-7601'

Was the well directionally drilled? If yes, show coordinates at total depth

☒ Yes ☐ No 34.01 S, 217.93 E

Electrical log depths: "E" LOG TO 9623',INDUCTION LOG TO 10231', CBL 7558'-6400'

Other surveys: NONE

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of t present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | | |
|---|---|---|---|
| Name: F. E. ARMIJO | | Title: OPERATIONS MANAGER | |
| Address: P.O. BO 55060 | | City: VALENCIA, CA | Zip Code: 91355-( |
| Telephone Number: (805) 257-6200 | Signature: F.E. Armijo | Date: 3/25/87 | |

SUBMIT IN DUPLICAT

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator: Sun Exploration and Production Company, Sun Production Division — Field or County: Newhall-Potrero
Well: RSF #121, Sec. 27, T. 4N, R. 17W, SB. B. & M.
A.P.I. No. 037-00071 — Name: F. E. ARMIJO (Person submitting report) — Title: Agent (President, Secretary or Agent)
Date: 3-25, 1987

Signature: F. E. Armijo

Box 55060, Valencia, California 91355-0560 (Address) — (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1987 | |
| 2/19 | (P&A)/13-3/8" 54.5# SURF CSG CMTD @ 327/7" 23, 26 & 29# CSG TO 9570/PBTD 7560/ PERFS 6919-7510/BKR MODEL "R" @ 6936/2-7/8" 8R EUE @ 6885/LAST TEST: Ø BOPD/Ø BWPD/Ø MCF/(2-26-86)/ MIRU WELLTECH/INSTL & TST BOP TO 2000#, OK/BLEED WELL DN, LOAD HOLE w LOW/REL BKR MOD "R" DBL GRIP PKR, POH w TBG, PKR & GL VALVES/PU 2-7/8 EUE 8R SAWTOOTH CLR ON TBG/RIH TO 6887/SIFN/ |
| 2/20 | LWR TBG & TAGD BAD CSG @ 6964/PULLED TO 6956/RU HALIB & FILL WELL w 65 BBLS LSE WTR/PMPD 2 BBLS $H_2O$ FOLOWD BY 80 $ft^3$ CL "G" CMT w .5% FLUID LOSS & FRICTION REDUCER/DISP w 39 BBLS LSE WTR/PU TO 6328 & BKSC TBG CLN/WOC 5 HRS THEN TAGD CMT @ 6804/D.O.G. OK'D PLUG/PU TO 6556 & BKSC/SIFN/ |
| 2/21 | RAN TBG TO 6803'MIXED 250 BBL 72# MUD/PUMPED IN HOLE/LAYED DOWN 198 JTS 2 7/8" TBG/RU & TSTD DIA-LOG LUBR/MADE CAVITY SHOT @800'/RIG DOWN/RAN TBG TO 802'/RIG UP HALLIBURTON/PUMPED 2 BBL WTR, 74 SKS CLASS G CMT W/2% CaCl/DISPL W/2.4 BBL MUD/PULLED OUT 13 JTS/HALLIBURTON PUMPED 1 BBL WTR, 56 SKS CLASS G CMT/W 2% CaCl/DISP W/0.2 BBL MUD/PULLED OUT & LAYED DOWN 13 JTS SDFN/DC 6908/CC 13,786/ |
| 2/22 | RIH W/2 7/8 TBG, TAG TOC @213'/DOG WITNESS & APPOVE/POH/RU DIALOG/RIH TO 81'W/7" JET CUTTER/CUT CSG @81, RD DIALOG/RIH AND RETRIVE 7" CSG (81') POH LD 7" CSG/RIH W 2 7/8" TBG TO 212'/RU HOWCO/PMP 121 $ft^3$ CLASS G CMT to -5 FT FROM SURFACE/RDMO WELLTECH/ DROP FRM REPORT PENDING FINAL SURFACE CLEAN-UP AND DOG APPROVAL/ |
| 2/26 | CUT SURFACE CSG @ -5FT, REMOVE CELLAR AND LINES, CLEAN & BACKFILL LOCATION/D.O.G. FINAL APPROVAL/ FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 287-57

# DIVISION OF OIL AND GAS

## Report on Operations

F. E. Armijo, Agent
SUN EXPLORATION & PROD. CO.
P.O. Box 55060
Valencia, CA 91355

Ventura Calif.
February 24, 1987

Your operations at well "Rancho San Francisco" 121, API No. 037-00071, Sec. 27, T. 4N, R. 17W, S.B. B.& M. Newhall-Potrero Field, in Ventura County, were witnessed on 2-21-87. Bill Winkler, representative of the supervisor, was present from 1300 to 1600. There were also present Bob Lomas

Present condition of well: 13 3/8" cem 327'; 7" cem 9570', cut @ pulled fr 81' cp 7030', 7059', & 7150', perf 7060' WSO perf at intervals 6919'-7510'. TD 10,231', ED 7560'. Plugged w/cem 6956' to 6804', and 802' to 5'. Cavity shot at 800'.

The operations were performed for the purpose of ABANDONMENT.

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

Surface Inspection
OK 3/2/87
gmc

mep

M. G. MEFFERD
By Michael Stettner
Michael Stettner

OG109 (3/83/GSR1/15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

AUG 1 1986
VENTURA, CALIFORNIA

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS OGD114 | FORMS OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco #121, API No. 037-00071, Sec. 27, T. 4N, R. 17W, MD B. & M., Newhall Potrero Field, Los Angeles County. commencing work on August 11, 1986.

The present condition of the well is: SIO

1. Total depth: 10,231'

2. Complete casing record, including plugs and perforations:

See Attachment 'A'

3. Last produced 3/86 (Date) Ø (Oil, B/D) 4 (Gas, Mcf/D) 1 (Water, B/D)

or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: 800'

The proposed work is as follows:

See Attachment 'B'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 West Rye Canyon Road (Street)
Valencia (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) (Area Code) 257-6200 (Number)

SUN EXPLORATION & PRODUCTION CO (Name of Operator)
By STANLEY W. BLOSSOM (Print Name)
Stanley W. Blossom (Signature) 8-2-86 (Date)
by RWC

OG108 (11-78-GSRI-5M)

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL ...S BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 28 1954
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 121-6 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 2502' S. & 1700' E. from Corner "J" Elevation of ~~ground~~ ~~floor~~ kelly bushing above sea level 1137.77 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date May 24, 1954 Signed O. A. Graybeal, Jr.

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling January 11, 1954 Completed drilling March 25, 1954 Drilling tools Rotary

Total depth 10,231' Plugged depth

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |
| | |
| | |
| | |

Commenced producing March 26, 1954 ~~Flowing~~/gas lift/~~pumping~~
(date) (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 93 | 28.7 | 42 | 231 | 160 | 560 |
| Production after 30 days | 63 | 35 | 35 | 456 | 160 | 460 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfor. |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 327' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 210 | -- |
| 7" | 9,570' | Surface | 23,26,29# | New | Smls | N-80,J-55 | 11" | 600 | -- |
| 5-1/2" | 10,227' | 9,555' | 17# | New | Smls | J-55 | 5-7/8" | Landed | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 9,578 ft. | 9,834 ft. | 192 1/4" rd.holes/ft., | 16 | 1" | Shop |
| | ft. | ft. | undercut to 3/8" | | | |
| 5-1/2" | 9,912 ft. | 10,108 ft. | Ditto | 16 | 1" | Shop |
| 7" | 9550 ft. | 9[illegible] ft. | 4 3/8" hole | | | gun |
| | ft. | ft. | | | | |

Electrical Log Depths 9,623' and 10,231' (Attach Copy of Log)

RWT:dg

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 6 1954
LOS ANGELES, CALIFORNIA

037-00071

6

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. December 31 1953

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 121-6, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is (approx.) 2502 feet ~~N or~~ S., and (approx.) 1700 feet E. ~~or W~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground or~~ kelly bushing above sea level is 1139.77 feet.
conc.mat 1126.47

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9790 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 320' | Cemented |
| 7" | 23#, 26#, & 29# | J-55&N-80 | Smls | 9790' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 10390' | Landed |
| | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

March 16, 1998

Bradford A. Dewitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Your report of the plugging and abandonment of well "Rancho San Francisco" 124, A.P.I. No. 037-12878, Section 27, T. 4N, R. 17W, SBB.& M., Newhall Potrero field, Los Angeles County, dated January 12, 1998, received January 23, 1998, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

tkc

cc: Update

Modified OG159 (4/94)

OPERATOR Medallion California Prop. Co. A.P.I. 037-12878
WELL NO. "Rancho San Francisco" 124 SECTION 27, T. 4 N, R. 17 W
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 8-11-97 | | | | | |
| P-REPORT NUMBER | 297284 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 2-7-98 | | | | | |
| SYMBOL | ✦ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 8-14-97 | | | | | | | | | | | |
| HISTORY | 1-23-98 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | 2-4-98 RO | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE BMY 3-18-98

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles
Well "Rancho San Francisco" 124 Sec. 27, T 4N, R 17W, S. B. B. & M.
A.P.I. No. 037-12878 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)
Date January 12, 1998

Signature

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1997 | |
| 9/17 | MIRU coil tubing unit (CTU) w/BOPE. RIH w/CT, tagged down at 11,166 ft. Pumped 31 sxs Class "G" cmt w/40% silica flour and 248 sxs Class "G" cmt w/retarder and friction reducer (total slurry = 337 $ft^3$) to plug 11,166 ft to 9500 ft. PUH to 8000 ft. SIWFN. |
| 9/18 | RIH, tagged cmt at 9475 ft. Pumped 319 bbls 9.6 lb/gal mud from 9475 ft to 1150 ft. Tag and mudding witnessed by Paul Cronmiller, DOGGR. RDMO CTU. SIWFN. |
| 9/19 | RU perforating unit. RIH, made cavity shot at 1150 ft. PUH, shot eight 1/2" holes at 128 ft. RD perforating unit. MIRU CTU, RIH to 1150 ft, pumped 64 $ft^3$ Class "G" cmt. Plugged from 1150 ft to 850 ft. POOH, SIWFN. |
| 9/22 | RIH w/CT, tagged cmt at 965 ft, spotted 31 bbls 9.6 lb/gal mud 965 ft to 128 ft. POOH. Pumped 104 $ft^3$ Class "G" cmt down 7" casing, through holes at 128 ft and up 7"x13-3/8" annulus with cmt returns to surface. Tag, mudding and surface cmt job witnessed by Paul Cronmiller, DOGGR. |
| 11/20 | Completed abandonment, welded cap and marker, cleared and cleaned location. |

RECEIVED
JAN 23 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
D ⁻TMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T297-266

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CA. PROPERTIES
1100 Mohawk St. Suite 154
Bakerfield, CA 93309-7416

Ventura, California
October 20, 1997

Your operations at well "Rancho San Francisco" 124, API No. 037-12878, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall-Potreto Field, in Los Angeles County, were witnessed on 9-22-97. Mr. Paul Cronmiller, representative of the supervisor, was present from 0830 to 0915. There were also present Mr. Von Fortenberry, Company Representative

Present condition of well: 13 3/8" cem 359'; 7" cem 10,984', CP@ 10, 005', wso perfs @ 10, 007 & 10,960, damaged @ 8604'(sqz'd), perf @ 128' & @ int 9915' - 10,340', cavity shot @ 1150'; 5 1/2" Ld 10,941' - 11,400', perf 11,000' - 11,215 & 11,251' - 11,362'. TD 11,402'. Junk: 281' of 1" pipe top @ 11,212'. Plugged with cem 11,166' - 9475', 1150' -965' & 128' - 5'.

The operations were performed for the purpose of abandonment.

DECISION: The plugging operations as witnessed and reported are approved.

cr

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear

Patrick J. Kinnear
Deputy Supervisor

OG

DEPARTMENT OF CONSERVATION

RESOURCES AGENCY OF CALIFORNIA
No. T296-
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

500
00 7th
40-WF
Id6

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | — | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Rancho San Francisco" #124, API No. 037-10663, Sec. 27 T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on September 1, 19 97.

WF

The present condition of the well is:

1. Total depth Effective depth = 11,400′
2. Complete casing record, including plugs and perforations (present hole)

Please see below.

3. Last produced Prior to 10/92 (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

RECEIVED
AUG 14 1997
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

The proposed work is as follows:

Please see attached **Proposed Abandonment Program.**

**Complete Casing Record** (see No. 2 above):
13-3/8" 54.5# J-55 cmtd @ 359 FT.
7" 23#, 26#, 29# & 32# N-80 & P-110 casing cmtd @ 10,984 FT; perf'd four 1/2" HPF 9,915 FT - 9,935 FT, 9,940 FT - 9,970 FT, 9,985 FT - 10,000 FT. Holes at 10,000 FT sqz'd WSO holes @ 10,007 FT, 10,025 FT - 10,075 FT, 10,084 FT - 10,223 FT, 10,226 FT - 10,265 FT, 10,265 - 10,340 FT, WSO 10,335 FT - 10,340 FT, WSO @ 10,960 FT.
5-1/2" 17# J-55 liner hung 10,941 FT - 11,400 FT; perf'd with 192 1/4" HPF 11,000 FT - 11,215 FT, 11,251 FT - 11,352 FT.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 Mohawk Street, Suite 154 (Street)
Bakersfield, CA 93309 (City) (State) (Zip)
Telephone Number ( ) 805/635-0465 (Area Code) (Number)

Medallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
Claude D. Fiddler 8-11-97 (Signature) (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

**PROPOSED ABANDONMENT PROGRAM**
**RANCHO SAN FRANCISCO WELL #124**
**NEWHALL POTRERO FIELD, LOS ANGELES COUNTY**

1. RU Coil Tubing Unit (CTU), install Class II BOPE. RIH and lay a Class "G" cement plug in 5-1/2" liner and 7" casing from top of junk tubing at 11,212 FT to 9,815 FT. Tag cement plug, DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay base mud from 9,815 FT to 1,150 FT.

2. RU perforators, RIH with cavity shot gear to 1,150 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,150 FT to 1,050 FT. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72# clay base mud from 1,050 FT to 100 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 100 FT. RD perforators. RIH with coil tubing and circulate surface plug into 7" x 13-3/8" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make final inspection of location after restoration.

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
RBDMS- RECORDS ENTERED

COMPANY Medallion WELL NO. RSF 124

API NO. 037-12878 SEC. 27, T. 4N, R. 17W, SB B.&M.

COUNTY LA FIELD Newhall-Potrero

RBDMS DATA ENTERED: 8/19/97 (DATE) UPDATED 9-23-97

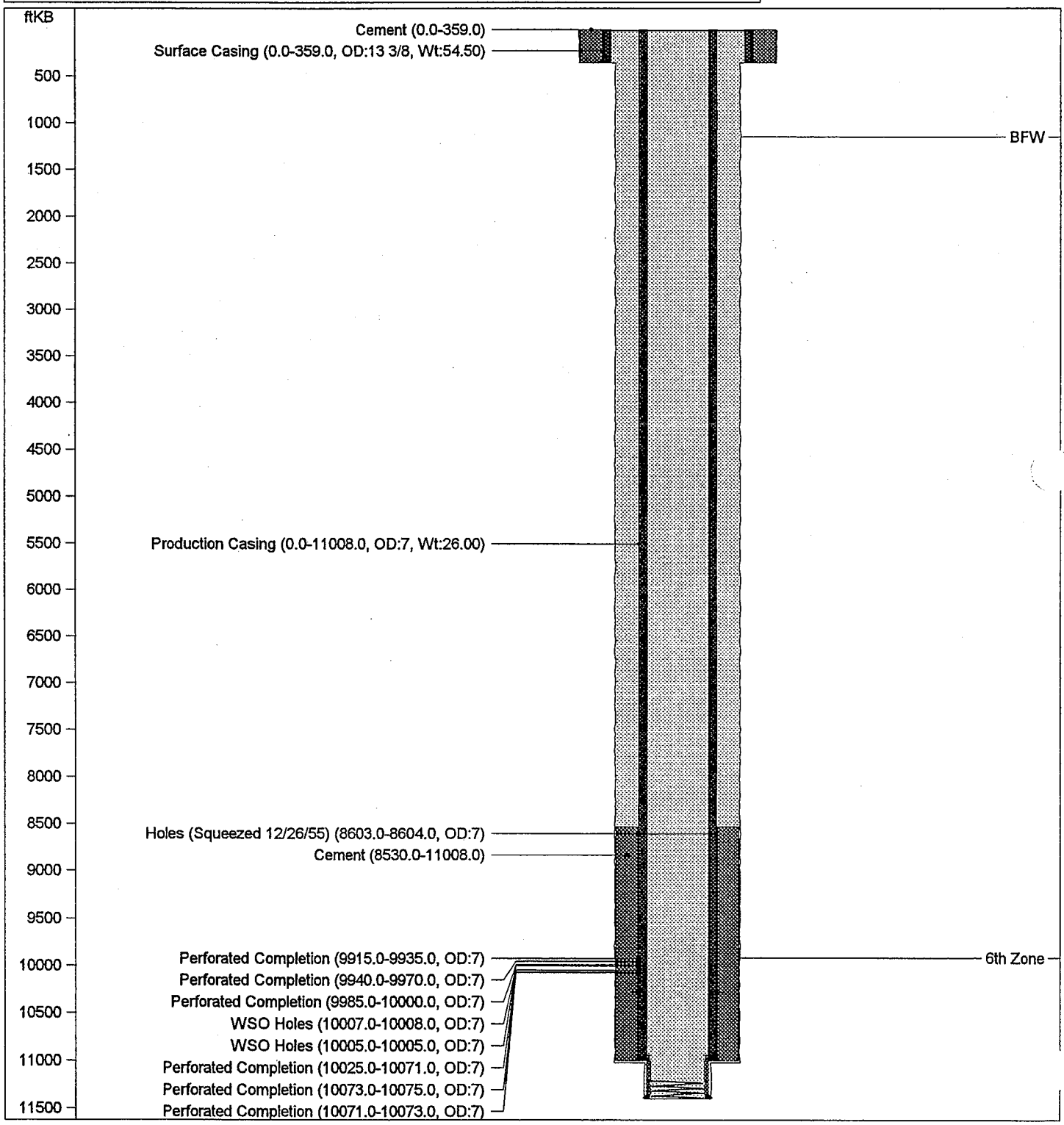
BY: SAT (NAME) DC

RBDMS DATA MUST BE UPDATED FOR ALL DATA THAT IS RECEIVED AFTER THE DATE INDICATED ABOVE.

**WELL CONSTRUCTION DATA ONLY**

| 04037128780000 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 124 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 11402.0 ftKB |
| PBTD | 11402.0 ftKB |
| Approval Date | 06-Apr-54 |
| Spud Date | 05-Apr-54 |
| TD Date | 11-Jul-54 |
| Production Date | 11-Jul-54 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**8/19/97**

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
APR 2 1954
LOS ANGELES, CALIFORNIA

037-12878

2

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. March 29 1954

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 124-7, Sec. 27, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2020.64 feet ~~N.~~ or S., and 3962.68 feet E. or ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ground or ~~[illegible]~~ above sea level is kelly bushing 1147.98 / 1134.68 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 11,010 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 320' | Cemented |
| 7" | 23,26,29,32,35# | P-110, N-80&J-55 | Smls | 11,010' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 11,330' | Landed |
| | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~[illegible]~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 8A | | | Blanket | | |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 154-429

Los Angeles 15 Calif. April 15 1954

Mr. O A Graybeal
Los Angeles 15 Calif.
Agent for SUNRAY OIL CORPORATION

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 124-7 Sec. 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by G. J. Borkovich, Inspector, representative of the supervisor, on April 8, 1954. There was also present J. Seymour, Driller; L. Phillips, Derrickman.

Casing Record 13-3/8" cem. 359', T.D. 1050'

Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The inspector arrived at the well at 11:45 a. m. and Mr. Seymour reported:

1. A 17½" rotary hole was drilled from the surface to 359'.
2. On April 6, 1954, 13-3/8", 54.5-lb. casing was cemented at 359' with 225 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 359' to 1050'.

THE INSPECTOR NOTED the well was equipped with the following blowout prevention equipment:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 5" drill pipe.
2. A Hydril blowout preventer for closing in the well with the drill pipe out of the hole.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stop-cock into the 13-3/8" casing below the above equipment.
5. A high pressure stop-cock on the kelly.

The inspection was completed at 12:15 p. m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

GJB:my

cc - Company

E. H. MUSSER
~~R. D. BUSH~~
State Oil and Gas Supervisor

By R. N. Kelling Deputy

44226 5-51 14,250 ② SPO

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
DEC 22 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. December 14 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening redrilling plugging~~ or altering casing at Well No. "Rancho San Francisco" 124-7
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W., S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11,402'

2. Complete casing record.

13-3/8" 54.5# J-55 casing cemented at 359' with 225 sacks.
7" 23#, 26#, 29# & 32# N-80 & P-110 casing cemented at 10,984' with 800 sacks.
Four 3/8" holes at 10,960'; W.S.O.
5-7/8" hole to 11,402', total depth.
5-1/2" 17# J-55 liner hung at 11,400' with hanger at 10,941'.
Perforated with 192 1/4" round holes/foot: 11,000' - 11,215'
11,251' - 11,362'

3. Last produced. 12/8/55 (Date) 336 B/D; 75% water, 25% mud

The proposed work is as follows:

1. Move in rotary rig.
2. Kill well with oil base mud.
3. Run tester and make production test of 7th Zone.
4. If test indicates water entry is not from 7th Zone, set Model "K" retainer above top of liner and locate depth of casing failure. Repair same.
5. Recomplete well.
6. A supplemental Form 107 will be filed if casing is to be run.

SUNRAY MID-CONTINENT OIL CO.
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED JAN 23 1968 INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall, Calif. January 22, 1968

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. "Rancho San Francisco" #124-6,7
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11,402'

2. Complete casing record, including plugs:
   13 3/8" - 54.5#, J-55 csg. @ 359' w/225 sx.
   7" - 23#, 26#, 29#, & 32# N-80 & P-110 LT&C csg. @ 10,984' w/300 sx.
   Bad csg. (8603' - 8604.5') - Sqzd. w/300 sx.
   4 - 1/2" Jet holes @ 10,005' - Sqzd. w/228 sx.
   4 - 1/2" Jet holes @ 10,007' - WSO.
   4 - 1/2" JHPF: (10,025' - 10,075') (10,084' - 10,223') (10,225' - 10265')
   4 - 1/2" Jet holes @ 10,280' - Sqzd. w/54 sx.
   4 - 3/8" holes @ 10,960' - WSO.
   5 1/2" - 17# liner @ 11,400' w/top of hanger @ 10,941'.
   Perf. w/192 - 1/4" RHPF: (11,000' - 11215') (11,251' - 11,362').
   17 1/4" hole to 359'.
   11" hole to 10,513'.
   10 5/8" hole to 11,022'.
   5 7/8" hole to 11,402' - T.D.
3. Last produced. 11/67 (Date) 22 (Oil, B/D) 10 (Water, B/D) 420 (Gas Mcf/D)

The proposed work is as follows:

1. Run "DR" Plug on wireline and set in Model "D" Packer.
2. Run TDL Log fr/(8500' - 10,800').
3. Perforate additional 6th zone fr/
4. Run in w/fishing socket and retrieve "DR" Plug.
5. Run dual production string.
6. Unload well and place on production.

Plan of alt. casing

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | ARG | ARG |

23928 Lyons Avenue
Newhall, California 91321
(Address)

805-259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

81988-705 10-66 15M OSP

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 10 1954
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Sunray Oil Corporation FIELD Newhall-Potrero

Well No. Rancho San Francisco 124-7, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Signed O. A. Graybeal

Date July 19, 1954 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1954 | |
|---|---|
| 4/5 | Spudded in with 11" bit and drilled ahead to 400'. |
| 4/6 | Opened 11" hole to 17-1/4" to 359'. |
| | Ran and cemented 13-3/8" 54.5# J-55 ST&C casing. Shoe cemented at 359' with 225 sacks Colton Construction cement containing 2-1/2% gel. Had estimated 25 cu. ft. cement returns to surface. |
| 4/7 | Found top of cement at 331' and shoe at 359'. Drilled ahead with 11" bit to 10,513'. |
| 6/16 | Drilled ahead with 10-5/8" bit to 11,022'. |
| | 1st Run Schlumberger Electric Log to 11,008'. |
| 6/25 | Ran 7" 32#, 29#, 26#, and 23# N-80 and P-110 LT&C casing. Cemented shoe at 10,984', float collar at 10,899', with 800 sacks of Colton Hi-Temp cement. |
| 6/27 | Found float collar at 10,899' and hard cement at 10,900'. Drilled out to 10,974'. |
| 6/28 | Ran Sperry-Sun Directional Survey to 10,925'. |
| | Shot four 3/8" holes at 10,960' with 4-1/4" McCullough Bullet Gun. |
| | Ran Halliburton Formation Tester to test W.S.O. holes at 10,960'. Packer set at 10,916' and tail piece at 10,940'. Used 1/2" bottom bean and 1020' mud cushion. Tester open one (1) hour. Had very weak blow for 2 minutes and dead remainder of test. Had 60' net rise of gas-cut drilling mud. W.S.O. test witnessed and approved by Mr. Foster of the Division of Oil and Gas. |
| | Drilled out shoe at 10,984'. |
| | Changed to Ken-oil base mud. |
| 6/29 | Cored ahead with 5-7/8" diamond core head to 11,402', total depth. |
| 7/9 | Ran Schlumberger Induction Log from 10,984' to 11,398'. |
| | Ran 455.51' of 5-1/2" 17# J-55 F.J. liner with shoe at 11,400' and hanger at 10,941'. Liner perforated with 192 - 1/4" round holes per foot. Perforated intervals: 11,000' - 11,215' and 11,251' to 11,362'. |
| 7/10 | Ran 354 joints of 2-1/2" tubing and 16 joints of 2" tubing. Landed at 11,318'. |
| 7/11 | Changed from Ken-oil to crude oil and completed well. |

RWT:dg

FORM 103. 62964 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
MAR 22 1956 24
LOS ANGELES, CALIFORNIA

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero

Well No. "Rancho San Francisco" 124-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Signed O. A. Graybeal

Date March 19, 1956 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

HISTORY OF WORKOVER

| Date 1955 | |
|---|---|
| 12/15 | Moved in rotary rig and circulated with oil base mud. |
| 12/16 | Removed X-mas tree; installed blowout preventer; pulled and laid down 2-1/2" tubing. |
| 12/20 | Ran Johnston Formation Tester to test 7th Zone. Packer set at 10,919' with tail to 10,938'. Used 3/4" bottom bean and 2460' water cushion. Tester opened at 3:45 p.m. for 1 hour and 40 minutes. Had strong blow for 6 minutes; medium strong blow for 9 minutes; medium blow decreasing steadily to weak blow for 20 minutes; weak blow for 30 minutes; very weak blow for 35 minutes with occasional weak to light heads. Gas not detected at surface. Had 1740' net rise of oil base drilling mud from 58 to 63# per cu.ft. with 20% to 30% solids, primarily clay and Baroid. Sample just above tools had 30% water of 342 G/G salinity. Charts showed pressure increased from 1300 psi to 2000 psi with no plugging action. |
| 12/21 | Ran in and set Baker Model "K" retainer at 10,921'. Changed mud from oil base to 72# per cu.ft. lime base mud. |
| 12/22 | Ran in with Baker Model RT-8 packer and tested 7" casing from 2702' to 8359'. Formation took fluid at 16 cu.ft. per minute from 800 psi to 1700 psi. With packer set at 8719' pressure held at 2900 psi. Conclusion: Holes between 8359' and 8719'. |
| 12/23 | Ran Halliburton straddle tool with 6.5' spacing between packers. Tested 7" casing in 5' intervals from 8357' to 8723'. Found bad pipe at 8603'-8604.5'. |
| | Squeeze Job #1: Squeezed holes 8603'-8604.5' with Baker Model RT-8 retainer set at 8554'. Squeezed with 100 sacks of Victor Hi-Temp cement; maximum pressure 2000 psi, final pressure 600 psi. Estimated 85 sacks of cement through holes. |
| 12/24 | Found top of cement at 8395'. Drilled out cement from 8395' to 8612'. No cement below 8612'. |
| 12/26 | Pressure tested casing. Casing took 10 cu.ft. per minute of mud from 1600 to 2000 psi. |
| | Squeeze Job #2: Squeezed holes 8603'-8604.5' with Baker Model "K" retainer set at 8553'. Squeezed with 50 sacks of Victor Hi-Temp cement; maximum pressure 2900 psi, final pressure 700 psi. Estimated 46 sacks of cement through holes. |
| 12/27 | Found top of cement at 8561'. Drilled out cement to 8612'. No cement below 8612'. |
| | Ran Howco Formation Tester with packer set at 8551' and tail to 8571'. Used 1/2" bottom bean and 3200' water cushion. Tester opened at 8:58 p.m. for 48 minutes. Had strong blow for 3 minutes; medium blow for 20 minutes; weak heading blow for 25 minutes. Recovered 720' of oil base mud, 2070' muddy water weighing 65-67# per cu.ft.; 450' oil base mud mixed with clay mud with salinity of 450 G/G. Charts showed pressure increased from 1880 psi to 3145 psi with no plugging action. |
| 12/28 | Ran in with Baker Model "K" retainer to 8551'. Packer failed to set. Pulled out. |

Date

1955

12/29 Squeeze Job #3: Squeezed holes 8603'-8604.5' with Baker Model "K" retainer set at 8551'. Squeezed with 50 sacks of Victor Hi-Temp cement; maximum pressure 2300 psi, final pressure 1100 psi. Estimated 47 sacks through holes.

12/30 Found top of cement at 8599'; bottom of cement at 8621'.
Squeeze Job #4: Squeezed holes 8603'-8604.5' with Baker Model "K" retainer set at 8549'. Squeezed with 50 sacks of Colton Hi-Temp cement; maximum pressure 4200 psi, final pressure 3000 psi. Estimated 47 sacks through holes.

12/31 Found top of cement at 8565'; bottom of cement at 8619'.

1956

1/1 Ran Howco Formation Tester with packer set at 8554' and tail to 8579'. Used 3/8" bottom bean and 3200' water cushion. Tester opened at 1:35 p.m. for 40 minutes. Had strong blow decreasing to medium in 6 minutes; dead 1 minute; medium steady blow for 33 minutes. Recovered 360' of muddy water; 1080' of gas and cement cut mud or mud cut cement; 1180' muddy water. Charts showed pressure increased from 2600 psi to 2848 psi with slight plugging action.

1/2 Squeeze Job #5: Squeezed holes 8603'-8604.5' with Baker Model "K" retainer set at 8541'. Squeezed with 50 sacks of Colton Hi-Temp cement; maximum pressure and final pressure 5000 psi. Estimated 38 sacks through holes.

1/3 Found top of cement at 8543' and bottom of cement at 8619'.
Ran Johnston Formation Tester with packer set at 8567' and tail to 8585'. Used 3/4" bottom bean and 3200' water cushion. Tester opened at 12:34 p.m. for 1 hour. Had medium blow for 2 minutes; very weak blow for 10 minutes; faint with occasional weak heads for 33 minutes; dead with occasional very weak heads for 15 minutes. Recovered 480' of 71# per cu.ft. drilling fluid. Charts showed pressure increased from 1600 psi to 1700 psi in 1 hour with no plugging action.

1/4 Changed to Black Magic drilling fluid. Drilled out Baker Model "K" retainer at 10,921'.

1/6 Ran 368 joints of 2-1/2" tubing and 9 Garrett Type "O" gas lift valves. Landed at 11,331'. Changed from Black Magic to crude oil and completed well.
Released rig at 11:59 p.m.

## PRODUCTION DATA

| DATE | GROSS | NET | CUT | GRAV. | BEAN | TUBING PRESSURE | CASING PRESSURE | CIRCULATED GAS | GROSS GAS | NET GAS | NET GOR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Used 538 barrels of wash oil. Recovered wash oil 1/6/56 and 1/7/56. | | | | | | | | | | | |
| 1/7 | -- | -- | -- | 28.6 | 48 | 240 | 625 | 1334 | 1458 | 124 | -- |
| 1/8 | 151 | 145 | 4.0 | 28.2 | 48 | 240 | 625 | 1242 | 1590 | 348 | 2400 |
| 1/9 | 194 | 188 | 3.2 | 30.4 | 25 | 220 | 625 | 990 | 1360 | 370 | 1968 |
| 1/10 | 210 | 208 | 1.5 | 29.9 | 25 | 220 | 625 | 794 | 1060 | 266 | 1278 |
| 1/11 | 225 | 223 | 1.0 | 31.1 | 25 | 200 | 650 | 670 | 930 | 260 | 1165 |
| 1/12 | 180 | 179 | 0.6 | 29.8 | 48 | 100 | 800 | 528 | 760 | 232 | 1296 |
| 1/13 | 253 | 251 | 1.1 | 30.6 | 48 | 200 | 700 | 988 | 1256 | 268 | 1067 |
| 1/14 | 254 | 253 | 0.4 | 29.6 | 48 | 200 | 700 | 788 | 1032 | 244 | 964 |
| 1/15 | 258 | 257 | 0.4 | 30.4 | 25 | 200 | 700 | 697 | 951 | 254 | 988 |

RDC

OPERATOR MEDALLION CALIF PROP

A.P.I. 037-12881

WELL NO. "RSF" 127

SECTION 27, T. 4 N, R. 17 W

MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | REWORK | | | | | |
| NOTICE DATED | 08/11/2004 | | | | | |
| P-REPORT NUMBER | P204-138 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 08/11/04 | | | | | | | | | | | |
| HISTORY | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE

FINAL LETTER OK

MAILED

RELEASED BOND

INJECTION BOOK

DOLE WELL LIST

SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL

ABANDONED-REMOVED FROM E.D.P.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P204-138

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
05 (new pool code)
40 (old pool code)

Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield, California 93308

Ventura, California
August 16, 2004

Your _____ proposal to rework _____ well "Rancho San Francisco" 127, A.P.I. No. 037-12881 _____ Sec. 27, T. 4N, R. 17W, SB B.&M., Newhall-Potrero field, ---------- area, 1-2-3 pool Los Angeles County, dated 08/11/2004 received 08/11/2004 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. Wire line operations for perforating are conducted through at least a 2M lubricator.
4. The Division will monitor monthly well production data, and if anomalous water production is indicated, remedial action will be required.
5. This office shall be consulted before initiating any changes or additions to this proposed operation, or if opertions are to be suspended.
6. **THIS DIVISION SHALL BE NOTIFIED:**
   a. **To inspect the installed blowout prevention equipment prior to commencing downhole operations.**

Cc: Alex Iwasiw

Blanket Bond
SAF:saf

Engineer Steven A. Fields

Phone (805) 654-4761

Hal Bopp, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

500/00
40 → 05
1-23

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# NOTICE OF INTENTION TO REWORK / REDRILL WELL

P204-138

| C.E.Q.A. INFORMATION (when redrilling or deepening only) | | | |
|---|---|---|---|
| Exempt ☐ | Neg. Dec. ☐ | E.I.R. ☐ | Document not required by local jurisdiction ☐ |
| Class _____ | S.C.H. No. | S.C.H. No. | |
| See Reverse Side | | | |

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| | Forms | | EDP Well File |
| Bond | OGD114 ✓ | OGD121 ✓ | |
| 250,000 | 111 ✓ | 115 ✓ | |

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. *(See the reverse side for bonding information.)* If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill (Circle one) well RSF No. 127 API No. 037-12881
(Well designation)

Sec. 27 T. 4N R. 17W S.B. B.&M. Newhall-Potrero Field

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
See attached program

2. The total depth is: _____ feet. The effective depth is: _____ feet.

3. Present completion zone (s): _____ (Name) Anticipated completion zone (s): _____ (Name)

4. Present zone pressure: _____ psi. Anticipated/existing new zone pressure: _____ psi.

5. Last produced: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

(or)
Last injected: _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☐

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*
See attached program

RECEIVED
AUG 11 2004
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

For redrilling or deepening: _____ (Proposed bottom-hole coordinates) _____ (Estimated true vertical depth)

**The division must be notified if changes to this plan become necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | (661) 254-2856 | |
| Address: 26835 W. Pico Canyon Rd. | City: Newhall | Zip Code: 91321 |
| Name of Person Filing Notice: Alex B. Iwasiw | Signature: [signature] | Date: 8/11/04 |

**File In Duplicate**

OG107 (7/97/GSR/5M)

UPDATED 3/25/04 and 8/11/04

# Well: RSF No. 127

**API No.: 037-12881**
**Sec 27, T4N-R 17W**
**Field: Newhall Potrero**
Medallion California Properties Company

## Test Zone 1C

RECEIVED
AUG 11 2004
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

## Wellbore History and Data

**T.D.:** 11,778' **Spud Date:** 9/21/54

**PBTD:** 11,738' **Orig. Completion Date:** 2/12/55

**Casing:**

| | |
|---|---|
| 13-3/8", 54.5# J-55 csg | 0' - 428', cmt'd w/ 260 sacks |
| 7", 23 ,26,29 & 32# N-80 & P-110 casing | 0' – 11,743', cmt'd w/ 1280 sacks. Top of cement behind 7" between 7759' to 8651. |
| 5 ½", 18# J-55 Scab Liner | 9746' to 10,900'. Set on 2/4/55. Cmt'd. with 100 sacks. W.S.O. test on top & btm. of liner. |

**W.S.O.:**
12/26/54: At 9800'. Squeezed off with 60 sacks cement.
12/29/54: At 9796' and 10,130'.
12/30/54: At 10,590'. Squeezed off with 13 sacks cement.
1/1/55: At 10,586'. Squeezed off with 18 sacks cement.
1/4/55: At 10,594' and 11,198'.

**Cored:** None.

**Mud System:**
11/9/54: Depth at 9020'. Chg. From clay based mud to a Low pH Oil Emulsion.
1/31/55: Depth at 11,743'. Displaced 7" casing with Black Magic Oil.
2/3/55: Depth at 11,743'. Displaced Black Magic with Clay based mud.
2/8/55: Depth at 11,743'. Displaced Clay based mud with Black Magic.

UPDATED 3/25/04 and 8/11/04

# Well: RSF No. 127

**Orig Perforations (1/5/55):** 11,650' – 700' with 4 HPF. Zone 7D. Made 156 BO/24 hours.

**Perforations (1/9/55):** 10,600 – 45'; 10,665' – 75'; 10,700 – 20'; 10,740 – 60' and 10,785 – 850' with 4 HPF. 6th Zone. Tested 100% water.

**Perforations (1/16/55):** 10,370 – 550' with 4 HPF. 6th Zone. Tested 100% water.

**Perforations (1/21/55):** 10,200 – 330' with 4 HPF. 6th Zone. Tested 98% water.

**Perforations (1/26/55):** 9930 – 10,025' and 10,060 – 80' with 4 HPF. 6th Zone. Tested no oil, small amount of water and gas.

**Perforations (2/1/55):** 11,240 – 60'; 11,285 – 312'; 11,357 – 477' and 11,500 – 600' With 4 HPF.

**Perforations (2/17/60):** 11,280 – 310'; 11,360 – 470' and 11,500 – 80' with 2 HPF.

**Elev:** All depths refer to K.B. measurements, 15.0' above the mat.

## Recommended Procedure

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DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

1. MIRU. POOH with rods and DHP.
2. NU BOPE. POOH with 2 7/8" EUE 8rd tubing.
3. RIH with 7 casing scraper.
4. RIH, set RBP at 9500', dump 2 sax sand on top.
5. Turn hole over with filtered lease water, POOH.
6. RU Electrical Wireline Truck and lubricator.
7. Run a GR/CCL/CNL/CBL from ±9,500' up to ±5600' (which includes the Pico Sands) with 1000 psi on the casing.
8. If the CNL indicates that Zone 1C is tight, then Skip Steps 9 through 37.
9. GIH with a casing gun with 60° phasing and perforate the Zone 1C for a squeeze:7630-35'with 6 JPF. [Note: 1) Do Not perforate casing collars. 2) Pressures can be low or original BHP.]
10. RD Electric Wireline Truck.
11. RIH with tubing string.
12. RU Cement Manifold and Pump Truck. Test all lines and connections to 7500 psi.

UPDATED 3/25/04 and 8/11/04

# Well: RSF No. 127

14. Obtain break down for perforated interval. Mix 125 sax of Class "G" cement, pump and balance plug across perforations. Pull tubing 600' above TOC and reverse clean. Close in casing and perform hesitation squeeze. WOC overnight.
15. GIH with a 6" bit and 3 drill collars on 2 7/8" tubing.
16. Drill out cement. Clean out to PBD at ±9500'.
17. Pressure up 7" casing to 1000 psi for 15 minutes to test casing and squeeze perforations. POOH.
18. Discuss option to "Rerun a GR/CCL/CBL with 1000 psi on casing from ±8950' up to TOC" with Tulsa Office.
19. GIH with a 6" bit and 7" casing scraper on 2 7/8" tubing to PBD.
20. Reverse circulate on bottom and displace hole with lease crude oil.
21. Swab well down to ±8000'. Pump oil pad from 8000' to 6000', POOH.
22. RU Electrical Wireline Truck.
23. GIH with a casing gun and perforate the Zone 1C for production: 7718-72' with 4 JPF. [Note: 1) Do Not perforate casing collars. 2) Pressures can be low or original BHP.]
24. After perforating, check fluid level in casing with the casing gun. RD Wireline Truck.
25. GIH with 7" RTTS with one joint of tailpipe and RBP Retrieving Head on 2 7/8" EUE 8rd tubing.
26. Set RTTS at ±7680'. Swab test Zone 1C.
27. Depending on swab test, squeeze off Zone 1C's production perforations (7718 – 72') or RTP.
28. Wash sand off of the top of the RPB. Latch, release and POOH with RPB. Lay down 2 7/8" work string.
29. PU and GIH with BHA and tubing anchor on 2 3/8" by 2 7/8" combination tubing string. ND BOP's
30. GIH with DHP and rods.
31. RD/MO service rig.
32. Return well to production.

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DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES VENTURA, CALIFORNIA

FORM 105
CALIFORNIA STATE PRINTING OFFICE

(D)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

037-12881

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 21 1954
LOS ANGELES, CALIFORNIA

2

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. September 16, 1954

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 127-6, Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1512.97 feet ~~N~~ S., and 3228.67 feet E ~~W~~. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing ~~ground~~ ~~xx~~ ~~xxxxxxx~~ above sea level is 1041.45 (ground 1026.45) feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls. | 400' | Cemented |
| 7" | 23#,26#,29#,32# | N-80 & J-55 Smls. | 11,270' | Cemented |
| | | | | |
| | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~XXXXXXXXXXXXXXXXXXY~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
FEB 8 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. February 4 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

| MAP | MAP BOOK | CARDS | FILE | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling~~ plugging or altering casing at Well No. Rancho San Francisco 127-7
(Cross out unnecessary words)

, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11,778'

2. Complete casing record. 13-3/8" 54.5# J-55 ST&C casing with shoe cemented at 428' with 260 sacks.
11" hole to 11,778', total depth.
7" 23#, 26#, 29# & 32# N-80 & P110 LT&C casing with shoe cemented at 11,743' with 1280 sacks. (Shoe not drilled out.)
Four 1/2" jet holes at 9800', WNSO. Squeezed with 13 sacks. Four 1/2" jet holes at 9796', WSO. Four 1/2" jet holes at 10,130', WSO. Four 1/2" jet holes at 10,590', WNSO. Squeezed with 13 sacks. Four 1/2" jet holes at 10,586', WNSO. Squeezed with 18 sacks. Four 1/2" jet holes at 10,594, WSO. Four 1/2" jet holes at 11,198', WSO. Four 1/2" bullet holes/ft. 11,650-11,700'. Plugged with cement 11,544-11,441'. Four 1/2" bullet holes/ft. 10,600-10,645'; 10,665-10,675'; 10,700-10,720'; 10,740-10,760'; and 10,785-10,850'. Plugged with cement 10,645-10,565'. Four 1/2" bullet holes/ft. 10,370-10,550'. Plugged with cement 10,562-10,437' and 10,435-10,340'. Four 1/2" bullet holes/ft. 10,200-10,330'. Plugged with cement 10,340-10,115'. Four 1/2" bullet holes/ft. 9930-10,025' and 10,060-10,080'.
All intervals except 11,650-11,700' produced water on test.

3. Last produced. Not Produced. _____ _____ _____
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows: 1. Drill out all cement to plug in shoe.
2. Gun perforate with four 1/2" bullet holes/foot 11,600-11,500'; 11,477-11,359'; 11,312-11,285'; and 11,260-11,240'.
3. Lay cement plug in 7" casing 11,000-10,905'.
4. Cement 5" 18# J-55 F.J. solid sleeve with shoe at 10,900' and top at 9746'.
5. Clean out to top of liner and test for W.S.O. Notify Div. of Oil & Gas to witness.
6. Clean out 5" sleeve to top of plug at 10,905' and test for W.S.O. Notify Div. of Oil and Gas to witness.
7. Drill out cement plug and complete well in 7th Zone.
8. Change well number from R.S.F. 127-6 to R.S.F. 127-7.

SUNRAY OIL CORPORATION
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
FEB 1960
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

~~Los Angeles~~ Calif. ~~February~~ 19~~60~~

DIVISION OF OIL AND GAS

~~Inglewood~~ Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. ~~Rancho San~~
(Cross out unnecessary words)

~~Francisco #127-7~~, Sec. ~~27~~, T. ~~4N~~, R. ~~17W~~, ~~S.B.~~ B. & M.

~~Newhall - Potrero~~ Field, ~~Los Angeles~~ County.

The present condition of the well is as follows:

1. Total depth. 11778'.

2. Complete casing record.

See attached sheet.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

3. Last produced. ~~January, 1960~~ (Date) ~~17 B/D~~ (Net Oil) ~~32.3°~~ (Gravity) ~~46%~~ (Cut)

The proposed work is as follows:

1. Kill well
2. Perforate 2 - 1/2" jet holes per foot: 11280' - 11310', 11360' - 11470', 11500' - 11580'.
3. Run tubing and put well on production.

~~Sunray Mid-Continent Oil Co.~~
(Name of Operator)

By J. A. McDonald
Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

DIVISION OF OIL AND GAS
RECEIVED
MAR 17 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator Sunray Oil Corporation Field Newhall-Potrero

Well No. Rancho San Francisco 127-7 Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Location 1512.97' S. & 3228.67' E. from Cor. "J" Elevation of ground ~~or~~ ~~kelly bushing~~ above sea level 1041.45 / 1026.45 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date March 2, 1955 Signed O. A. Graybeal

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling September 21, 1954 Completed drilling February 12, 1955 Drilling tools Rotary

Total depth 11,778' Plugged depth 11,745'

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing February 12, 1955 (date) ~~flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 367 | 28.6° | 0.3 | 281 | 170 | 680 |
| Production after ~~30~~ 6 days | 371 | 28.8° | 0.7 | 186 | 220 | 650 |

CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfora |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 428' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 260 | |
| | | | | | | | | | |
| 7" | 11,743' | Surface | 23, 26, 29 & 32# | New | Smls | N-80&P110 | 11" | 1371 | (9,800 (10,590 |
| | | | | | | | | | (10,586 |
| 5" | 10,900' | 9,746' | 18# | New | Smls | J-55 | 11" | 100 | |

PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 11,240 ft. | 11,260 ft. | Four 1/2" holes/foot | -- | -- | Gun |
| | 11,285 ft. | 11,312 ft. | " " " " | -- | -- | " |
| | 11,357 ft. | 11,477 ft. | " " " " | -- | -- | " |
| | 11,500 ft. | 11,600 ft. | " " " " | -- | -- | " |
| | 11,650 ft. | 11,700 ft. | " " " " | -- | -- | " |

Electrical Log Depths 11,330'; 11,611'; and 11,778' total depth (Attach Copy of Log)

OPERATOR MEDALLION CAUF PROP
WELL NO. "R3F" 127
MAP

A.P.I. 037-12881
SECTION 27, T. 4 N, R. 17 W

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | REWORK | | | | | |
| NOTICE DATED | 08/11/2004 | | | | | |
| P-REPORT NUMBER | P204-138 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 08/11/04 | | | | | | | | | | | |
| HISTORY | | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE _____ _____ _____ _____ _____ _____

FINAL LETTER OK _____
MAILED _____
RELEASED BOND _____

ECTION BOOK _____ REMARKS: _____
IDLE WELL LIST _____
SURFACE INSP. CARD _____

OK TO RELEASE FROM CONFIDENTIAL _____
ABANDONED-REMOVED FROM E.D.P. _____

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P204-138

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
05
(new pool code)
40
(old pool code)

Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield, California 93308

Ventura, California
August 16, 2004

Your _____ proposal to rework _____ well "Rancho San Francisco" 127 _____,
A.P.I. No. 037-12881 _____ Sec. 27, T. 4N, R. 17W, SB B.&M.,
Newhall-Potrero field, ---------- area, 1-2-3 pool
Los Angeles County, dated 08/11/2004 received 08/11/2004 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. Wire line operations for perforating are conducted through at least a 2M lubricator.
4. The Division will monitor monthly well production data, and if anomalous water production is indicated, remedial action will b required.
5. This office shall be consulted before initiating any changes or additions to this proposed operation, or if opertions are to be suspended.
6. **THIS DIVISION SHALL BE NOTIFIED:**
   a. **To inspect the installed blowout prevention equipment prior to commencing downhole operations.**

Cc: Alex Iwasiw

Blanket Bond
SAF:saf

Engineer Steven A. Fields

Phone (805) 654-4761

Hal Bopp, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

UPDATED 3/25/04 and 8/11/04

# Well: RSF No. 127

**API No.: 037-12881**
**Sec 27, T4N-R 17W**
**Field: Newhall Potrero**
Medallion California Properties Company

## Test Zone 1C

RECEIVED
AUG 11 2004
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

## Wellbore History and Data

**T.D.:** 11,778' **Spud Date:** 9/21/54

**PBTD:** 11,738' **Orig. Completion Date:** 2/12/55

**Casing:**

| | |
|---|---|
| 13-3/8", 54.5# J-55 csg | 0' - 428', cmt'd w/ 260 sacks |
| 7", 23 ,26,29 & 32# N-80 & P-110 casing | 0' – 11,743', cmt'd w/ 1280 sacks. Top of cement behind 7" between 7759' to 8651. |
| 5 ½", 18# J-55 Scab Liner | 9746' to 10,900'. Set on 2/4/55. Cmt'd. with 100 sacks. W.S.O. test on top & btm. of liner. |

**W.S.O.:**
12/26/54: At 9800'. Squeezed off with 60 sacks cement.
12/29/54: At 9796' and 10,130'.
12/30/54: At 10,590'. Squeezed off with 13 sacks cement.
1/1/55: At 10,586'. Squeezed off with 18 sacks cement.
1/4/55: At 10,594' and 11,198'.

**Cored:** None.

**Mud System:**
11/9/54: Depth at 9020'. Chg. From clay based mud to a Low pH Oil Emulsion.
1/31/55: Depth at 11,743'. Displaced 7" casing with Black Magic Oil.
2/3/55: Depth at 11,743'. Displaced Black Magic with Clay based mud.
2/8/55: Depth at 11,743'. Displaced Clay based mud with Black Magic.

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

(D)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12881

DIVISION OF OIL AND GAS
RECEIVED
SEP 21 1954
LOS ANGELES, CALIFORNIA

2

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. September 16, 1954

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco 127-6, Sec. 27, T. 4N R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1512.97 feet ~~N.~~ S., and 3228.67 feet E. ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~kelly bushing~~ ground ~~or~~ ~~[illegible]~~ above sea level is 1041.45 / 1026.45 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls. | 400' | Cemented |
| 7" | 23#,26#,29#,32# | N-80 & J-55 Smls. | 11,270' | Cemented |
| | | | | |
| | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~[illegible]~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111 (1-49)

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. P 154-1128

Mr. O A Graybeal
714 West Olympic Boulevard
LOS ANGELES 15
Agent for SUNRAY OIL CORP

Los Angeles 15 California
September 23 1954

DEAR SIR:

Your "Rancho San Francisco" proposal to drill Well No. 127-6,

Section 27, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, Los Angeles County,

dated Sept. 16 1954, received Sept. 21 1954, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES
"The well is 1512.97 feet S. and 3228.67 feet E. from Corner "J"
The elevation of the kelly bushing ground above sea level is 1041.45 1026.45 feet.
We estimate that the first productive oil or gas sand should be encountered at a depth of about _____ feet."

PROPOSAL
"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls. | 400' | Cemented |
| 7" | 23#,26#,29#,32# | N-80 & J-55 Smls | 11,270' | Cemented |

Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION
THE PROPOSAL IS APPROVED PROVIDED THAT
1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 2000'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

FEK:OH

cc Company

D/L

E. H. MUSSER
State Oil and Gas Supervisor

Blanket bond.

By R. W. Williams Deputy

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 154-1102

Los Angeles 15 Calif. October 6 1954

Mr O A Graybeal
~~xxxx~~ 714 West Olympic Boulevard
LOS ANGELES 15 Calif.
Agent for SUNRAY OIL CORP

DEAR SIR: "Rancho San Francisco"

Operations at your well No. 127-6 Sec. 27, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed by M. Dosch, Engineer, representative of the supervisor, on September 27, 1954. There was also present F. Williams, Engineer; B. Vaughn, Drilling Foreman.

Casing Record 13-3/8" cem. 428'. T.D. 2886'. | Junk None

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

The ~~xxxxxx~~ Engineer arrived at the well at 1:00 p.m. and Mr. Williams reported:

1. A 17½" rotary hole was drilled from the surface to 460'.
2. On September 22, 1954, 13-3/8", 54 lb. casing was cemented at 428' with 260 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 460' to 2886'.
4.

THE ENGINEER NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4½" drill pipe.
2. A Hydril blowout preventer for closing around the 4½" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.
5. A high pressure stopcock on the kelly.

The inspection was completed at 2:00 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

MD:OH

CC Company

E. H. MUSSER
~~R. D. BUSH~~
State Oil and Gas Supervisor

By R. W. Walling Deputy

82547 7-53 17,850 ② SPO

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
FEB 8 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. February 4 1955

Supplt to dull

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | Blanket | GD | EG |

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling,~~ plugging or altering casing at Well No. Rancho San Francisco 127-7
(Cross out unnecessary words)

, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11,778'

2. Complete casing record. 13-3/8" 54.5# J-55 ST&C casing with shoe cemented at 428' with 260 sacks. 11" hole to 11,778', total depth.
7" 23#, 26#, 29# & 32# N-80 & P110 LT&C casing with shoe cemented at 11,743' with 1280 sacks. (Shoe not drilled out.)
Four 1/2" jet holes at 9800', WNSO. Squeezed with 13 sacks. Four 1/2" jet holes at 9796', WSO. Four 1/2" jet holes at 10,130', WSO. Four 1/2" jet holes at 10,590', WNSO. Squeezed with 13 sacks. Four 1/2" jet holes at 10,586', WNSO. Squeezed with 18 sacks. Four 1/2" jet holes at 10,594, WSO. Four 1/2" jet holes at 11,198', WSO. Four 1/2" bullet holes/ft. 11,650-11,700'. Plugged with cement 11,544-11,441'. Four 1/2" bullet holes/ft. 10,600-10,645'; 10,665-10,675'; 10,700-10,720'; 10,740-10,760'; and 10,785-10,850'. Plugged with cement 10,645-10,565'. Four 1/2" bullet holes/ft. 10,370-10,550'. Plugged with cement 10,562-10,437' and 10,435-10,340'. Four 1/2" bullet holes/ft. 10,200-10,330'. Plugged with cement 10,340-10,115'. Four 1/2" bullet holes/ft. 9930-10,025' and 10,060-10,080'.
All intervals except 11,650-11,700' produced water on test.

3. Last produced. Not Produced. (Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows: 1. Drill out all cement to plug in shoe.
2. Gun perforate with four 1/2" bullet holes/foot 11,600-11,500'; 11,477-11,359'; 11,312-11,285'; and 11,260-11,240'.
3. Lay cement plug in 7" casing 11,000-10,905'.
4. Cement 5" 18# J-55 F.J. solid sleeve with shoe at 10,900' and top at 9746'.
5. Clean out to top of liner and test for W.S.O. Notify Div. of Oil & Gas to witness.
6. Clean out 5" sleeve to top of plug at 10,905' and test for W.S.O. Notify Div. of Oil and Gas to witness.
7. Drill out cement plug and complete well in 7th Zone.
8. Change well number from R.S.F. 127-6 to R.S.F. 127-7.

SUNRAY OIL CORPORATION
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
FEB 1960
INGLEWOOD, CALIFORNI

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. February 1960

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San (Cross out unnecessary words)

Francisco #127-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall - Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11778'.

2. Complete casing record.

See attached sheet.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

3. Last produced. January, 1960 (Date) 17 B/D (Net Oil) 32.3° (Gravity) 46% (Cut)

The proposed work is as follows:

1. Kill well
2. Perforate 2 - 1/2" jet holes per foot: 11280' - 11310', 11360' - 11470', 11500' - 11580'.
3. Run tubing and put well on production.

Sunray Mid-Continent Oil Co.
(Name of Operator)

By J. O. McDonald
Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Ventura, , California

Sept.4 , 1986

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 131 (Name and number), A.P.I. No. 037-12885, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 6-11-86, received 6-23-86, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

b
Cons.Comm.

| MAP | MAP BOOK | CARDS | BOND | FOP | FORMS | |
|---|---|---|---|---|---|---|
| 253 | 9-13-86 SPM | — | | ✓ | — | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By Michael Luttner
Deputy Supervisor

for Murray W. Dosch

OG159 (11/82/GSR1/8M)

OPERATOR Sun Exploration
WELL NO. "Rancho San Francisco" #31
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | ALTER CASING | ABANDON | | | | |
| NOTICE DATED | 7-7-85 | 2-24-86 | | | | |
| P-REPORT NUMBER | 285-209 | 286-70 | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 4-3-86 | | 2-25-86 | | | | | | | | | |
| HISTORY | 4-3-86 | | 6-23-86 | | | | | | | | | |
| SUMMARY | 4-3-86 | | 6-23-86 | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | ✓ | | | | |
| OPERATOR'S NAME | ✓ | ✓ | | | | |
| WELL NO. | ✓ | ✓ | | | | |
| LOC & ELEV | ✓ | ✓ | | | | |
| SIGNATURE | ✓ | ✓ | | | | |
| SURFACE INSP. | | SPM 8-25-86 | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE SPM 4-11-86 SPM 7-3-86

FINAL LETTER OK ✓
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

Form OG100 (7/79)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-1288

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: SUN EXPLORATION & PRODUCTION COMPANY | Well: RANCHO SAN FRANCISCO #131 |
| Field: NEWHALL-POTRERO | County: LOS ANGELES; Sec. 27; T. 4N; R. 17W; B.&. SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 2830.82'S., & 4079.22'E., FRM CORNER "J" | Elevation of ground above sea le: 1214' |

Commenced drilling (date): 3-11-86

Completed drilling (date): 3-14-86

Commenced producing (date): P&A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): 3RD ZONE

Total depth: (1st hole) 10945' (2nd) (3rd)

Present effective depth: 10945' TD

Junk: NONE

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table X Kelly Bushing

Which is 13' feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| TOP OF "T" | 7154' |
| TOP OF 4L5 | 8753' |
| TOP OF 7C | 10780' |

Formation and age at total depth: 3RD ZONE (MIOCENE)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | N/A | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cement (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13-3/8" | SURF. | 381' | 54.5# | J-55 SMLS | NEW | 17-1/2" | 250 SX | |
| 7" | SURF. | 10400' | 23,26&29# | J-55&N-80 P110 | NEW | 11" | 600SX | |
| 5-1/2" | 10387' | 10943' | 17# | J-55 SMLS | NEW | 6" | HUNG | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

10827'-10610' & 10542'-10407' = 192 - 1/4" RD HOLES/FT., UNDERCUT TO 3/8" W/16 ROWS x 1" CENTERS

Was the well directionally drilled? If yes, show coordinates at total depth ☐ Yes ☒ No

DIVISION OF OIL AND GAS

Electrical log depths: ELECTRICAL LOGS @ 10501'-10950'

Other surveys: SIDEWALL SAMPLES (16) FRM 6490' TO 3800'

VENTURA, CALIFORNIA

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | |
|---|---|---|
| Name: STANLEY W. BLOSSOM | Title: OPERATIONS MANAGER | |
| Address: P.O. BOX 55060 | City: VALENCIA | Zip Code: 91355 |
| Telephone Number: (805) 257-6200 | Signature: Stanley W. Blossom | Date: 3/20/86 |

SUBMIT IN DUPLICATE

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator: Sun Exporation and Production Company / Sun Production Division — Field or County: Newhall Potrero
Well: Rancho San Francisco 131 — Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12885 — Name: STANLEY W. BLOSSOM (Person submitting report) — Title: Agent (President, Secretary or Agent)
Date: 6-11-, 1986

Signature: Stanley W. Blossom by [illegible]

Box 55060, Valencia, California 91355-0560 (Address) — (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1986 | |
| 3/11 | TD 10,345'/7', 23#, 26#, 29#, J-55, N80 CSG @ 10,400'/5½", 17# J-55 LINER @ 10,387-10,943'/PERFS, BELOW RETAINER IN 5½" 10,407-10,827', ABOVE RETAINER (4 SPF) 7270-7350'/3RD ZONE/WI 1.00/WELL RECOMMENDED TO BE P&A/ 7560 PBTD/MIRU WELLTECH RIG #427/PULL PROD TREE, INST CL II BOPE AND TEST TO 1000 PSI, OK/POH W/TBG AND PKR/RIH W/OPEN ENDED TBG, TAG FILL @ 7562'/PULL UP TO 7023'/SIFN/ |
| 3/12 | 7150 PBTD/RIH, TAG CMT @ 7562, OK BY D.O.G./PULL TO 7542 FILL HOLE w 80 BBLS LSE WTR/DOWELL PMP 120 CF CMT PLUG & DISP w 222 CF LSE WTR/PULL TO 6680, BS OUT/ WOC/TAG CMT @ 7150, OK BY D.O.G./CHG OVR TO 72# MUD/LD 145 JTS 2-7/8" TBG/CLOSE IN WELL/SIFN/ |
| 3/13 | 171' PBTD/POH W/95 JTS 2-7/8" TBG, LAYING DN SAME/BLED DN SURFACE PIPE/FILLED HOLE W/35# MUD/REMOVED TBG HEAD/WAIT ON PENGO 4 HRS/RIGGED UP PENGO, MADE CAVITY SHOT @ 600'/RIH, W/TBG TO 602'/DOWELL PMPD 90 CF CLASS "G" CMT W/2% $CaCl_2$/DISPL W/WTR/POH, W/TBG/RIGGED UP PENGO WIRE LINE, CUT 7" CSG @ 92' W/JET CUTTER/SIFN/ |
| 3/14 | RIH, TAG CMT @ 285/WITNESSED BY D.O.G./REMOVD BOPE & TBG HEAD/RIH, SPEARED 7" CSG, POH & LAID DN 92', 7" CSG/RIH w TBG TO 150'/DOWELL PMPD 90 CF CL "G" CMT w CaCl, FRM 150-SURFACE/POH w TBG CLEANED & LOADED OUT EQUIP/RDMO/DROP FRM REPORT PENDING SURFACE CLEANUP & ABANDONMENT/ |
| 3/31 | DROPPED FRM REPORT 3-14-86/SURFACE CLEANUP & RESTORATION WRK COMPLETED & APROVD BY PAM CECCARELLI OF D.O.G./FINAL REPORT/ |

T Ø/I 17,181/

DIVISION OF OIL AND GAS
RECEIVED
VENTURA, CALIFORNIA

OG103 (4-77-GSR1-10M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 286-89

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Exploration & Production Co.
Box55060
Valencia, CA 91355

Ventura, Calif.
March 25, 1986

Your operations at well "Rancho San Francisco" 131, API No. 037-12885, Sec. 27, T. 4N, R. 17W, SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 3/14/86. S. Mulqueen, representative of the supervisor, was present from 0800 to 1100. There were also present Jerry Burt

Present condition of well: 13 3/8" cem 381'; 7" cem 10,400', perf 10,370' WSO, perfs 7270-7350', cav shot 600', pulled fr 92'; 5 1/2" ld. 10,387'-10,943', perfs 10,407-10,542', and 10,610-10,827'. TD 10,945'. BP 7580'. plugged w/cem 7560-7150', 602-285' and 150-6'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

SURFACE INSP OK 8-25-86 S. MULQUEEN

M. G. MEFFERD

Murray W. Dosch

Murray W. Dosch

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 286-70

500
(field code)
00
(area code)
05
(new pool code)
05
(old pool code)

# PERMIT TO CONDUCT WELL OPERATIONS

Stanley W. Blossom, Agent
Sun Explor. & Prod. Co.
25322 W. Rye Canyon Road
Valencia, CA 91355-0560

Ventura, California
March 4, 1986

Your _____ proposal to abandon well "Rancho San Francisco" 131, A.P.I. No. 037-12885, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, any area, 3rd pool, Los Angeles County, dated 2/24/86, received 2/25/86 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class II 2M shall be installed and maintained in operating condition at all times.
3. All portions of the hole not plugged with cement shall be filled with inert mud fluid having a minimum density of 72 lbs./cu.ft. and a minimum gel shear strength (10 min) of 20 lbs./100 sq.ft., (30 sacks of Bentonite per 100 bbls. of water).
4. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
5. THIS DIVISION SHALL BE NOTIFIED:
   a. TO WITNESS the clean out depth.
   b. TO WITNESS the location and hardness of the cement plug at 7100'.
   c. TO WITNESS the filling of the hole with mud fluid.
   d. TO WITNESS the location and hardness of the cement plug at 500'.
   e. TO WITNESS the placing of the cement plug from 30' to 5'.
   f. TO INSPECT the well site after cleanup and restoration operations are completed.

SURFACE INSPECTION OK 8-25-86

MS:ljg

Engineer Michael Stettner

Phone (805) 654-4761

M. G. MEFFERD, State Oil and Gas Supervisor

By Michael Stettner
Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (3/85/DWRR/5M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | — | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco 131, API No. 037-12885, Sec. 27, T. 4N, R. 17W, MD B. & M., Newhall Potrero Field, Los Angeles County, commencing work on 2-28, 19 86.

The present condition of the well is: SIO

1. Total depth: 10,945' TD

2. Complete casing record, including plugs and perforations:

See Attached.

3. Last produced 9/85 (Date) Ø (Oil, B/D) 85 (Gas, Mcf/D) 175 (Water, B/D)

or

4. Last injected (Date) (Water, B/D) N/A (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of ffresh water sands: 600'

The proposed work is as follows:

See Attached.

DIVISION OF OIL AND GAS
RECEIVED
FEB 25 1986
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 West Rye Canyon Road (Street)
Valencia (City) CA (State) 91355-0560 (Zip)
Telephone Number (805) (Area Code) 257-6200 (Number)

SUN EXPLORATION & PRODUCTION CO (Name of Operator)
By STANLEY W. BLOSSOM (Print Name)
Stanley W. Blossom (Signature) 2-24-86 (Date)
by TWC

OG108 (11-78-GSRI-5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 285-209

500 (field code)

00 (area code)

05 (new pool code)

05 (old pool code)

# PERMIT TO CONDUCT WELL OPERATIONS

Stanley W. Blossom, Agent
Sun Exploration & Prod. Co.
25322 W. Rye Canyon Road
Valencia, CA 91355

Santa paula, California
July 22, 1985

Your _____ proposal to alter casing well "Rancho San Francisco" 131, A.P.I. No. 037-12885, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, any area, 3rd pool, Los Angeles County, dated 7/7/85, received 7/15/85 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class II 2M with a hydraulic actuating system shall be installed and maintained in operating condition at all times.
3. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.

Blanket Bond
MS:ljg

Engineer Michael Stettner

Phone (805) 525-2105

M. G. MEFFERD, State Oil and Gas Supervisor

By _____
Deputy Supervisor

**A copy of this report and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

DIVISION OF OIL AND GAS
RECEIVED
JUL 9 1985
SANTA PAULA, CALIFORNIA

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. Rancho San Francisco #131, API No. 037-12885, Sec. 27, T. 4N, R. 17W, SB B. & M., Newhall Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 10,943'

2. Complete casing record, including plugs and perforations:

   See attached sketches.

3. Present producing zone name 7th Zone Zone in which well is to be recompleted 3rd Zone
4. Present zone pressure 2650 psig New zone pressure 1400 psig
5. Last produced 4/11/85 (Date) 5 (Oil, B/D) 2 (Water, B/D) 31 (Gas, Mcf/D)

   or

6. Last injected N/A (Date) ____ (Water, B/D) ____ (Gas, Mcf) ____ (Surface pressure, psig.)

The proposed work is as follows:

See attached procedure.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W. Rye Cyn Rd. (Street)
Valencia (City) California (State) 91355 (Zip)
Telephone Number (805) 257-6200

Sun Exploration and Production Company (Name of Operator)
By Stanley W. Bonsony (Name) 7/7/85 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

(1-78-GSR1-15M)

RM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
DEC 1 1955
LOS ANGELES

## WELL SUMMARY REPORT

Operator Sunray Mid-Continent Oil Company Field Newhall-Potrero

Well No. "Rancho San Francisco" 131-7 Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Location 2830.82' S. & 4079.22' E. from Cor. "J" Elevation of ~~ground~~ kelly bushing / ~~or~~ conc. mat above sea level 1228.98 / 1213.98 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date November 28, 1955 Signed O. A. Graybeal

M. R. Elliott (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling August 15, 1955 Completed drilling October 28, 1955 Drilling tools Rotary

Total depth 10,945' Plugged depth --

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |
| | |
| | |
| | |

Commenced producing October 31, 1955 (date) Flowing/~~gas lift~~/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 879 | 29.3 | 0.1 | 648 | 200 | 650 |
| Production after ~~30~~ 6 days | 269 | 30.8 | 0.1 | 183 | 510 | 1050 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cementin if through perforatio |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 381' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 250 | |
| 7" | 10,400' | Surface | 23,26,29# | New | Smls | J-55;N-80 and P110 | 11" | 600 | |
| 5-1/2" | 10,943' | 10,387' | 17# | New | Smls | J-55 | 6" | Hung | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 10,827 ft. | 10,610 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| | ft. | ft. | undercut to 3/8" | | | |
| 5-1/2" | 10,542 ft. | 10,407 ft. | " | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,501' and 10,950' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Operator Sunray Mid-Continent Oil Company Field Newhall-Potrero

Well No. "Rancho San Francisco" 131-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Signed O. A. Graybeal

Date November 28, 1955 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date | |
|---|---|
| 1955 | |
| 8/15 | Spudded in with 11" bit and drilled to 597'. |
| 8/16 | Opened 11" hole to 17-1/2" to 381'. |
| | Ran 384.34' of 13-3/8" 54.5# J-55 ST&C casing with shoe at 381'. Cemented with 250 sacks of Colton Construction cement containing 2-1/2% gel. Had cement returns to surface. |
| 8/17 | Found top of cement at 369' and shoe at 381'. Drilled ahead with 11" bit to 10,490'. |
| 10/9 | Ran Schlumberger Electric Log to 10,501'. Ran photoclinometer from 10,400' to surface at 200' intervals. Ran micro-lateral log from 7350' to 3800'. Took 16 sidewall samples from 6490' to 3800'. Recovered 15 samples at the following depths: 6490'; 6332'; 5975'; 5845'; 5630'; 5431'; 5295'; 5270'; 4921'; 4695'; 4578'; 4234'; 4043'; 3914'; 3820'. |
| 10/10 | Ran 10,404.14' of 7" 23#, 26#, and 29# J-55, N-80, and P110 LT&C casing with shoe at 10,400' and float collar at 10,310'. Cemented with 600 sacks of Victor Hi-Temp cement. |
| 10/12 | Found float collar at 10,310' and no cement on top of float collar. Drilled out to 10,390'. |
| 10/13 | Shot four 3/8" holes at 10,370' with McCullough bullet gun. |
| | Ran Johnston Formation Tester to test W.S.O. holes at 10,370'. Set packer at 10,323' and tailpiece to 10,341'. Used 1/2" bottom bean and 1275' water cushion. Tester opened at 5:27 a.m. for 1 hour. Had puff blow; then no blow for remainder of test. Recovered 10' net rise of drilling fluid. Charts showed tester open throughout test. Test witnessed and approved by Mr. Lee of the Division of Oil and Gas. |
| | Drilled out shoe at 10,400'. Drilled ahead with 6" bit to 10,529'. Changed to Black Magic oil base mud. |
| 10/14 | Core ahead with 6" diamond core head to 10,945', total depth. |
| 10/29 | Ran Schlumberger Induction and Neutron Logs from 10,400' to 10,950'. |
| | Ran 556.43' of 5-1/2" 17# J-55 F.J. liner with shoe at 10,943' and hanger at 10,387'. Liner perforated with 192 1/4" round holes per foot from 10,827' to 10,610' and from 10,542' to 10,407'. Holes undercut to 3/8" with exception of top 18' which are straight 1/4" holes. |
| 11/30 | Ran 349 joints of 2-1/2" tubing to 10,808.63'. |
| 11/31 | Changed from Black Magic oil base mud to crude oil and completed well. |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 155-1667

Mr. O A Graybeal
714 West Olympic Boulevard
LOS ANGELES 15
~~Agent~~ for SUNRAY MID-CONTINENT OIL CO

Los Angeles 15 Calif.
August 26 1955

DEAR SIR: "Rancho San Francisco"

Operations at your well No. 131-7 Sec. 27, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed on August 22, 1955. Mr. R. Ybarra, Engineer, representative of the supervisor was present from 2:00 to 2:30 p.m. There were also present H. Burdg, Drilling Foreman; R. Billingsley, Driller.

Present condition of well: 13-3/8" cem. 381'. T.D. 4090'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Burdg reported:

1. A 17½" rotary hole was drilled from the surface to 381'.
2. On August 17, 1955, 13-3/8", 54 lb. casing was cemented at 381' with 250 sacks of cement
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 381' to 4090'.

THE ENGINEER NOTED THAT THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 5" drill pipe.
2. A G.K. Hydril Blowout Preventer for closing around the 5" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.
5. A high pressure stopcock on the kelly.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

RY:OH

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By R. W. Walling Deputy

12362 2-55 18,100 ② SPO

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12885

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. May 5, 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 131-7, Sec. 27, T. 4 N. G&C R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2830.82 feet ~~N.~~ S., and 4079.22 feet E. ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / conc.mat above sea level is 1228.98 / 1213.98 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 10,450 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54# | J-55 Smls | 400' | Cemented |
| 7" | 23#, 26#, & 29# | J-55, N-80, and P110 Smls | 10,450' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10,750' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

SUNRAY OIL CORPORATION
~~XBARNSDALL OIL COMPANY~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| G&C 8A | VMK | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

July 14, 1981

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Your report of abandonment of well "Rancho San Francisco" 134 (Name and number),

A.P.I. No. 037-12888, Section 27, T. 4N, R. 17W, S. B. B. & M.,

Newhall-Potrero field, Los Angeles County,

dated 7/8/81, received 7/14/81, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 257 | [illegible] 7/8/81 | | | EDP ✓ | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor

John L. Hardoin

OG159 (11-76-GSR1-8M)

OPERATOR SUN
LSE & NO "Rancho San Fran" 134
MAP Newhall - Potrero

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | Conv to WF | [illegible] | | | | |
| NOTICE DATED | 5-15-78 | 4-2-81 | | | | |
| P-REPORT NUMBER | 278-130 | 281-115 | | | | |
| CHECKED BY/DATE | | MS 7/15/81 | | | | |
| MAP LETTER DATED | N/C | 7/18/81 | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 5-17-78 | | 4-6-81 | | | | | | | | | |
| HISTORY | 7-13-78 | | 7-14-81 | | | | | | | | | |
| SUMMARY | — | | 7-14-81 | | | | | | | | | |
| IES/ELECTRIC LOG | — | | — | | | | | | | | | |
| DIRECTIONAL SURV | — | | — | | | | | | | | | |
| CORE/SWS DESCRIP | — | | — | | | | | | | | | |
| OTHER Surv | 11-3-79 | | [illegible] | | | | | | | | | |
| RECORDS COMPLETE | [illegible] | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____

FINAL LETTER OK MAILED _____

RELEASED BOND _____

REMARKS: Surface inspection done 5/4/81 site has been graded and cleared of equipment. No visible sign of see page.

R. Navia

Aug 30 1979 MD, Miller will run Survey & notify DOG to [illegible]

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
APR 6 1981
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Rancho San Francisco #134, API No. 037-12888, Sec. 27, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on April 9, 1981.

The present condition of the well is:

1. Total depth: 11,665', (PBTD 8117')

2. Complete casing record, including plugs and perforations:

13-3/8", 54.5#, surf csg cmt @ 447' w/354sx
7", 23#, 26# & 29#, csg cmt @ 11,288' w/600sx
Cmt plugs: 8117-8170', 8316-±8453', 11,089-11,483'
WSO holes (all squeezed): 7148, 7150, 7515, 7710, and 8170.
Perfs various 7176-7465' (3rd zone)and 7730-7940 (3A zone)
5½", 17# liner 11,246-11,663'.
Perfs 11,287-11,474 and 11,551-11,662, abandoned

3. Last produced _____ (Date) _____ (Oil, B/D) _____ (Gas, Mcf/D) _____ (Water, B/D)

or

4. Last injected 1-81 (Date) 127 (Water, B/D) N.A. (Gas, Mcf/D) _____ (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows

6. Stratigraphic markers:

7. Formation and age at total depth:

8. Base of fresh water sands: _____

The proposed work is as follows:

1. MIRU, hook up BOP, fill hle with lease water.
2. POH with short string.
3. Unset Baker Model "AL-5" & Baker Model "R" compression packer & POH. Remove both packers & RIH open ended to PBTD of 8117'.
4. RU HOWCO, mix & pump 497 cu ft class "G" cmt. Displace with 126 cu ft lse wtr (to 5800'), pick up tbg to 5500', backscuttle tbg, POH.
5. RIH with 6" bit, tag TOC, contact DOG to witness.
6. Fill hole with 72# clay base mud (approx 270 Bbls), POH.
7. RU McCullough & shoot 4½" holes at 1560' (base F/W sands).
8. RIH with open ended tbg to 1560', RU HOWCO, mix & pump 60 cu ft class "G" cmt with 2% CaCl displace with 27 cu ft lse water (to 1260'). Pick up to 1000', bradenhead 39cuft lse wtr. P
9. RIH w/6" bit on tbg string, WOC, tag TOC, contact DOG to witness. POH, RDMO rig.
10. Lay 25' surface plug (30-5'), contact DOG to witness.
11. Cut csg 5' below surface, remove cellar & lines & clean location. Contact DOG to approve.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address Box 55060 (Street)
Valencia, California 91355 (City) (State) (Zip)
Telephone Number (805) 257-6200 (Area Code) (Number)

Sun Oil Company (Delaware) (Name of Operator)
By L. Carroll Jr. (Signature) 4/2/81 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (8-75—GSRI—15M)

# RSF #134 P&A PROCEDURE

1. MIRU, hook up BOP, fill hole with lease water.

2. POH with short string.

3. Unset Baker Model "AL-5" & Baker Model "R" compression packer & POH. Remove both packers & RIH open ended to PBTD of 8117'.

4. RU HOWCO, mix & pump 497 cu ft Class "G" cmt. Displace with 126 cu ft lse wtr (to 5800'), pick up tbg to 5500', backscuttle tbg, POH.

5. RIH with 6" bit, tag TOC, contact DOG to witness.

6. Fill hole with 72# clay base mud (approx 270 Bbls), POH.

7. RU McCullough & shoot 4-1/2" holes at 1560' (base F/W sands).

8. RIH with open ended tbg to 1560', RU HOWCO, mix & pump 60 cu ft Class "G" cmt with 2% $CaCl_2$, displace with 27 cu ft lse water (to 1260'). Pick up to 1000', bradenhead 39 cu ft lse wtr. POH.

9. RIH with 6" bit on tbg string, WOC, tag TOC, contact DOG to witness. POH, RDMO rig.

10. Lay 25' surface plug (30' to 5'), contact DOG to witness.

11. Cut csg 5' below surface, remove cellar & lines & clean location. Contact DOG to approve surface abandonment.

RE[illegible]RCES AG[illegible]CY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 17 1978
SANTA PAULA, CALIFORNIA

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #134, API No. 037-12888, Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.
   11665' (PBTD - 8117')
2. Complete casing record, including plugs and perforations:
   13-3/8", 54.5#, surf. csg. cmt. @ 447' w/354 sks.
   7", 23#, 26# & 29#, csg. cmt. @ 11,288 w/600 sks.
   Cmt. plugs: 8117-8170
   8316-±8453
   11,089-11,483 inside 5½" liner
   WSO holes (all squeezed): 7148, 7150, 7515, 7710 and 8170.
   Perfs various 7176-7465 (3rd Zone) and 7730-7940 (3A Zone).
   5½", 17# liner 11,246-11,663 - cmt. plug 11,089 (inside 7" csg.) - 11,483.
   Perfs 11,287-11,474 and 11,551-11,662, abandoned.
3. Present producing zone name 3rd and 3A Zone in which well is to be recompleted 3rd and 3A
4. Present zone pressure ±1735 PSI New zone pressure ±1735 PSI

| | (Date) | (Oil, B/D) | (Water, B/D) | (Gas, Mcf/D) |
|---|---|---|---|---|
| 5. Last produced 3rd | Presently | 1 | 78 | 18 |
| 3A | | 1 | 66 | 16 |
| or | | | | |
| 6. ~~Last injected~~ | | | | |
| | (Date) | (Water, B/D) | (Gas, Mcf) | (Surface pressure, psig.) |

The proposed work is as follows:

Convert from dual producing well to dual water injection well as part of our 3rd Zone Waterflood expansion as proposed in our letter of March 28, 1978:

1. MIRU. Load hole w/lease water.
2. Pull tbg strings. Lay down gas lift valves.
3. Run dual strings; set dual packer at ±7090' and btm pkr at ±7650'.
4. Hook up for injection.
5. Run wtr inj surveys.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall, California 91321 (City) (State) (Zip)
Telephone Number 805-259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By Jack Andrews (Name) JACK ANDREWS MAY 15 1978 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG107 (8-75—GSRI—15M)

FORM 107.

DIVISION OF OIL AND GAS
RECEIVED
MAR 7 1960
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. March 2 1960

DIVISION OF OIL AND GAS

Inglewood Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. Rancho San Francisco 134-3
(Cross out unnecessary words)
, Sec. 27, T. 4N, R. 17W, S.B. B. & M.
Newhall - Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.
   11,665'
2. Complete casing record.
   Same as in D.O.G. Well Summary Report dated May 5, 1959.

3. Last produced. Dec. 17, 1959 (Date) 0 (Net Oil) - (Gravity) 100% (Cut)

The proposed work is as follows:

1. Drill out cement plug 7635' - 8000'.
2. Gun perforate 4 holes per foot: 7730' - 7755' and 7770' - 7980' in the 3A zone (Reperforate).
3. Complete well for water disposal into the 3rd and 3A zones with a packer between zones.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray Mid-Continent Oil Company
(Name of Operator)

By J. O. McDonald, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

SUBMIT LOG IN DUPLICATE

FILL THE BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
JAN 3 1956
LOS ANGELES, CALIFORNIA

## WELL SUMMARY REPORT

Operator Sunray Mid-Continent Oil Company Field Newhall-Potrero

Well No. "Rancho San Francisco" 134-7 Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Location 1178.33' S. & 1377.13' E. from Cor. "J" Elevation of kelly bushing ground or ~~conc. mat~~ above sea level 915.72 902.52 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 27, 1955 Signed O. A. Graybeal

M. R. Elliott (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling September 2, 1955 Completed drilling November 26, 1955 Drilling tools Rotary

Total depth 11,665' Plugged depth --

Junk --

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing November 25, 1955 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 402 | 33.3 | 15.3 | 240 | 210 | 680 |
| Production after ~~10~~ 13 days | 210 | 36.7 | 0.1 | 202 | 450 | 720 |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 447' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 354 | -- |
| 7" | 11,288' | Surface | 23,26,29# | New | Smls | J-55&N-80 | 11" | 600 | -- |
| 5-1/2" | 11,663' | 11,246' | 17# | New | Smls | J-55 | 6" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 11,662 ft. | 11,551 ft. | 192 - 1/4" Rd.Holes/Ft. | 16 | 1" | Shop |
| " | 11,474 ft. | 11,287 ft. | " " " " " | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 11,100'; 11,321'; 11,665' (Attach Copy of Log)

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
JAN 3 1956
LOS ANGELES, CALIFORNIA

## History of Oil or Gas Well

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero

Well No. "Rancho San Francisco" 134-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Signed O. A. Graybeal

Date December 27, 1955 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| 1955 Date | |
|---|---|
| 9/2 | Spudded in with 11" bit and drilled to 600'. |
| 9/3 | Opened 11" hole to 17-1/2" to 447'. |
| 9/4 | Ran 446.98' of 13-3/8" 54.5# J-55 ST&C casing with shoe at 447'. Cemented with 117 sacks of Victor Construction cement premixed with 117 sacks of Diamix and 4% gel followed by 120 sacks of Construction cement containing 2-1/2% gel. Had cement returns to surface. |
| 9/5 | Found top of cement at 428' and shoe at 447'. Drilled ahead with 11" bit to 9091'. |
| 10/7 | Depth 9091'. Stuck pipe at 1082' while pulling out of hole. Circulated and worked pipe. Spotted 25 barrels of oil. Jarred but would not come loose. Ran 5 drill collars and bumper sub. Could not get over fish. Pulled out. Ran in hole, screwed into fish. Worked and jarred on fish. Fish came loose at 3:30 a.m. (10/9/55). Drilled ahead with 11" bit to 11,131'. |
| 11/4 | 1st Run Schlumberger Electric Log from 11,131' to 447'. Also ran Schlumberger directional survey from 11,100' to 500'. Drilled ahead with 11" bit to 11,325'. |
| 11/7 | 2nd Run Schlumberger Electric Log from 11,321' to 11,131'. Took sidewall samples at 8100', 8050', 7980', 7920', 7800', 7748', 7450', 7400', 7345', 7280', and 7200'. Recovered samples at 7920', 7748', 7280', and 7200'. |
| 11/8 | Ran 11,293.41' of 7" 29#, 26#, and 23# N-80 and J-55 LT&C and X-Line casing with shoe at 11,288' and float collar at 11,197'. Cemented with 600 sacks of Colton Hi-Temp cement. |
| 11/10 | Found top of cement at 11,046'. Drilled out cement with 6" bit to 11,278'. |
| 11/11 | Shot four 3/8" holes at 11,255' with McCullough bullet gun. Ran Johnston Formation Tester on 11,187.95' of 3-1/2" drill pipe testing holes at 11,255' for W.S.O. Packer set at 11,203' with tailpiece to 11,222'. Used 1/2" bottom bean and 1500' water cushion. Tool opened at 3:27 p.m. for 1 hour. Had puff blow, then no blow for remainder of test. Recovered 10' of drilling fluid. Charts showed tester open throughout test. Test witnessed and approved by Mr. Yberra of the Division of Oil and Gas. |
| 11/12 | Drilled ahead with 6" bit to 11,328'. Found shoe at 11,288'. Changed to Black Magic oil base mud. |
| 11/13 | Cored ahead with 6" diamond core head to 11,665', total depth. |
| 11/24 | 3rd Run Schlumberger Electric Log from 11,665' to 11,321'. Ran 417.47' of 5-1/2" 17# J-55 Hydril F.J. liner with shoe at 11,663' and hanger at 11,246'. Liner perforated with 192 - 1/4" round holes per foot from 11,662' to 11,551' and from 11,474' to 11,287'. |
| 11/25 | Ran 379 joints of 2-1/2" tubing to 11,623.61'. Changed from Black Magic oil base mud to crude oil and completed well. |

RDC

ORM 105
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED SEP 1 1955 LOS ANGELES, CALIFORNIA

037-12888

## Notice of Intention to Drill New Well 3

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. August 29 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 134-7 (Proj.), Sec. 27, T. 4 N. W&P R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1178.33 feet ~~N.~~ of S., and 1377.13 feet E. of ~~W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground or~~ kelly bushing / conc.mat above sea level is 915.72 / 902.52 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 11,500 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | | Depth | Landed or Cemented |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 | Smls | 400' | Cemented |
| 7" | 23#, 26#, 29# | J-55&N-80 | Smls & P-110 | 11,500' | Cemented |
| 5-1/2" | 17# | J-55 | Smls | 11,900' | Hung |
| | | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

SUNRAY MID-CONTINENT OIL COMPANY
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18 A W&P | W&P | | | | |

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL TH. LANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 4 1956
LOS ANGELES, CALIFORNIA

ected Copy

## WELL SUMMARY REPORT

Operator Sunray Mid-Continent Oil Company Field Newhall-Potrero

Well No. "Rancho San Francisco" 134-7 Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Location 1178.33' S. & 1377.13' E. from Cor. "J" Elevation of kelly bushing / ground or ~~conc. mat~~ above sea level 915.72 / 902.52 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 27, 1955 Signed O. A. Graybeal

M. R. Elliott (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling September 2, 1955 Completed drilling November 26, 1955 Drilling tools Rotary

Total depth 11,665' Plugged depth --

Junk --

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

mmenced producing November 25, 1955 (date) ~~Flowing~~/gas lift/~~pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 402 | 33.3 | 15.3 | 240 | 210 | 680 |
| Production after ~~30~~ 13 days | 210 | 36.7 | 0.1 | 202 | 450 | 720 |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 447' | Surface | 54.5# | New | Smls | J-55 | 17-1/2" | 354 | -- |
| 7" | 11,288' | Surface | 23,26,29# | New | Smls | J-55;N-80; P110 | 11" | 600 | -- |
| 5-1/2" | 11,663' | 11,246' | 17# | New | Smls | J-55 | 6" | Hung | -- |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 11,662 ft. | 11,551 ft. | 192 - 1/4" Rd.Holes/Foot | 16 | 1" | Shop |
| " | 11,474 ft. | 11,287 ft. | " " " " " | 16 | 1" | Shop |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

RDC Electrical Log Depths 11,100'; 11,321'; 11,665' (Attach Copy of Log)

FORM 103. 53964 8-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 4 1956
LOS ANGELES, CALIFORNIA

Corrected Copy

## History of Oil or Gas Well

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero

Well No. "Rancho San Francisco" 134-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Signed O. A. Graybeal

Date December 27, 1955 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance. Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.**

| 1955 Date | |
|---|---|
| 9/2 | Spudded in with 11" bit and drilled to 600'. |
| 9/3 | Opened 11" hole to 17-1/2" to 447'. |
| 9/4 | Ran 446.98' of 13-3/8" 54.5# J-55 ST&C casing with shoe at 447'. Cemented with 117 sacks of Victor Construction cement premixed with 117 sacks of Diamix and 4% gel followed by 120 sacks of Construction cement containing 2-1/2% gel. Had cement returns to surface. |
| 9/5 | Found top of cement at 428' and shoe at 447'. Drilled ahead with 11" bit to 9091'. |
| 10/7 | Depth 9091'. Stuck pipe at 1082' while pulling out of hole. Circulated and worked pipe. Spotted 25 barrels of oil. Jarred but would not come loose. Ran 5 drill collars and bumper sub. Could not get over fish. Pulled out. Ran in hole, screwed into fish. Worked and jarred on fish. Fish came loose at 3:30 a.m. (10/9/55). Drilled ahead with 11" bit to 11,131'. |
| 11/4 | 1st Run Schlumberger Electric Log from 11,131' to 447'. Also ran Schlumberger directional survey from 11,100' to 500'. Drilled ahead with 11" bit to 11,325'. |
| 11/7 | 2nd Run Schlumberger Electric Log from 11,321' to 11,131'. Took sidewall samples at 8100', 8050', 7980', 7920', 7800', 7748', 7450', 7400', 7345', 7280', and 7200'. Recovered samples at 7920', 7748', 7280', and 7200'. |
| 11/8 | Ran 11,293.41' of 7" 29#, 26#, and 23# N-80, J-55, and P110 LT&C and X-Line casing with shoe at 11,288' and float collar at 11,197'. Cemented with 600 sacks of Colton Hi-Temp cement. |
| 11/10 | Found top of cement at 11,046'. Drilled out cement with 6" bit to 11,278'. |
| 11/11 | Shot four 3/8" holes at 11,255' with McCullough bullet gun. |
| | Ran Johnston Formation Tester on 11,187.95' of 3-1/2" drill pipe testing holes at 11,255' for W.S.O. Packer set at 11,203' with tailpiece to 11,222'. Used 1/2" bottom bean and 1500' water cushion. Tool opened at 3:27 p.m. for 1 hour. Had puff blow, then no blow for remainder of test. Recovered 10' of drilling fluid. Charts showed tester open throughout test. Test witnessed and approved by Mr. Yberra of the Division of Oil and Gas. |
| 11/12 | Drilled ahead with 6" bit to 11,328'. Found shoe at 11,288'. Changed to Black Magic oil base mud. |
| 11/13 | Cored ahead with 6" diamond core head to 11,665', total depth. |
| 11/24 | 3rd Run Schlumberger Electric Log from 11,665' to 11,321'. |
| | Ran 417.47' of 5-1/2" 17# J-55 Hydril F.J. liner with shoe at 11,663' and hanger at 11,246'. Liner perforated with 192 - 1/4" round holes per foot from 11,662' to 11,551' and from 11,474' to 11,287'. |
| 11/25 | Ran 379 joints of 2-1/2" tubing to 11,623.61'. |
| | Changed from Black Magic oil base mud to crude oil and completed well. |

RDC

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

May 23, 1983

Mr. L. B. Carroll, Jr., Agent
Sun Exploration & Prod. Co.
P. O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 135 (Name and number), A.P.I. No. 037-12889, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 11/2/82, received 11/2/82, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | 6-4-83 RK | | | EOP ✓ | ✓ |

r

M. G. MEFFERD
*State Oil and Gas Supervisor*

By Murray W. Dosch
*Deputy Supervisor*

Murray W. Dosch

OG159 (11-76—GSR1—8M)

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SCHLUMBERGER

# Directional Log

ORYX ENERGY COMPANY

037-12889

~~CONTINENT OIL COMPANY~~

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL POTRERO 27 - 4N - 17W
WELL R.S.F. NO. 135-7
COMPANY SUNRAY MID-CONTINENT OIL CO

WELL R.S.F. NO. 135-7
FIELD NEWHALL POTRERO
LOCATION 27 - 4N - 17W
COUNTY LOS ANGELES
STATE CALIFORNIA

Location of Well

ES - IND - S

DD

Elevation: D.F.:
K.B.: 1070
or G.L.:

FILING No.

DIVISION OF OIL AND G
RECEIVED
JAN 2 1978
SANTA PAULA, CALIFORN

| RUN No. | 1 | 2 |
|---|---|---|
| Date | 12-29-55 | 4-26-56 |
| First Reading | 10415 | 12500 |
| Last Reading | 500 | 11820 |
| Feet Measured | 9915 | 680 |
| Csg. Schlum. | 392 | -- |
| Csg. Driller | 392 | 11804 |
| Depth Reached | 10417 | 12500 |
| Bottom Driller | 10415 | 12512 |
| Depth Datum | K.B. | K.B. |
| Mud Nat. | LIME BASE | BLACK MAGIC |
| " Density | 81.5 | 77.5 |
| " Viscosity | 50 | 84 |
| Max. Temp. °F | 162° | -- |
| Bit Size | 11" | 6" |
| Depth intervals between shots | 200 ft | 100 ft |
| P.C. No. | 106 | 201 |

OPERATOR [illegible]
WELL NO. [illegible] 133
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | [illegible] | Abandon | | | | |
| NOTICE DATED | 3-[illegible]-82 | 11-2-82 | | | | |
| P-REPORT NUMBER | 28[illegible] | 282-413 | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | [illegible] | 6/4/83 | | | | |
| SYMBOL | [illegible] | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'd | NEED | REC'D | NEED | REC'D | NEED | REC'D | NE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-[illegible]-82 | | 11-2-82 | | | | | | | | | |
| HISTORY | 6-[illegible]-82 | | 5-10-83 | | | | | | | | | |
| SUMMARY | | | 5-10-83 | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |
| Records OK | | | 5-11-83 | MP | | | | | | | | |

ENGINEERING CHECK

| | RSH | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | ✓ | | | | |
| WELL NO. | ✓ | ✓ | | | | |
| LOC & ELEV | ✓ | ✓ | | | | |
| SIGNATURE | ✓ | ✓ | | | | |
| SURFACE INSP. | 4-9-83 [illegible] | ✓ ok RH | | | | |
| FINAL LETTER OK | | ✓ | | | | |

FINAL LETTER MAILED

REMARKS: Surf. restored to natural condition M.S.

RELEASED BOND

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

OIL AND GAS
RECEIVED
0 1983
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION Field or County Newhall-Potrero
Well Rancho San Francisco #135, Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12889 Name L. B. CARROLL, JR. (Person submitting report) Title Agent (President, Secretary or Agent)
Date May 5, 19 83.

Signature L B Carroll Jr.

P. O. Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1982 | |
| 11/3 | 12,512 PBTD/5½" LNR @ 12,512/PERFS 11,984-12,471/P&A/7TH ZONE/ LD TOOLS/RIH w DP, REMOVING RUBBERS/LD DP/LD KELLY, SWIVEL & CHG PIPE RAMS TO 2-7/8"/MU 7" 29# CSG SCRPR, RIH TO 11,616/ |
| 11/4 | 12,512 PBTD/POH/RIH w BKR CMT RTNR, SET @ 11,600/TST TBG TO 4000 PSI/TRY TO EST BRK DN OF 4000 PSI, UNABL TO PMP INTO ZONE/PULL OUT OF RTNR, PMP 44 CF CL "G" CMT, DISP w 371 CF WTR, CIP @ 4:06 PM/PULL TO 11,319/CLEAR TBG w WTR/OK BY D.O.G./PREP TO CHG OVR TO 72# MUD/UNABL TO CIRC, TBG STUCK, PULL 110,000 UNABL TO MOVE TBG/WRK STUCK TBG/RU DIA-LOG, FND TBG FREE @ 11,110/CUT TBG @ 11,110/ RD DIA-LOG/CHG OVR TO 72# MUD/ |
| 11/5 | LD 2-7/8" TBG TO 9750/HOWCP PMP 54 CF CL "G" CMT, DISP w 313 CF MUD/PLUG FRM 9750-9500/LD 57 JTS TBG, POH/DIA-LOG SHOT CAVITY SHOT @ 1950/RIH w BKR 7" CMT RETAINER, SET @ 1850/HOWCO PMP 105 CF CL "G" CMT DISP w 60 CF MUD PRES BLDG TO 1600 PSI, OK BY D.O.G./PULL OUT OF RETAINER, PMP 22 CF CL "G" CMT, DISP w 57 CF MUD/CIP @ 10:55 PM/LD TBG/PULL BOPE/RIH TO 60', PMP 12 CF CL "G" CMT w 2% CA $CL_2$, CMT TO SURF/CIP @ 5:15 AM/CLEANING MUD TANKS/ |
| 11/6 | REL RIG @ 12:00 PM 11-5-82/CLN MUD TANK, CHG PIPE RAMS/RR @ 12:00 NOON/ DROP FRM REPORT UNTIL CLN UP/ |
| 1983 | |
| 4/23 | 12,512 PBTD/5 1/2" LINER @ 12,512/PERFS 11,984-12,471/7TH ZONE/ REMOVE CELLAR/CUT OFF WELLHEAD & CAPPED/LEVELED LOCATION/APPROVAL BY DOG (ROB HABEL)/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 282-258

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. L. B. Carroll, Jr., Agent
Sun Exploration & Prod. Co.
P. O. Box 55060
Valencia, CA 91355

Santa Paula Calif.
December 17, 1982

Your operations at well "Rancho San Francisco" 135, API No. 037-12889, Sec. 27, T4N, R.17W, S.B. B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 11/9/82. M. Stettner, representative of the supervisor, was present from 1030 to 1100. There were also present Jerry Burt, Sun rep.

Present condition of well: 13 3/8" cem 392'; 9 5/8" cem 2787'; 7" cem 11804'; 5 1/2" hg 11755-12510', perf. 11984-12058, 12097-12360', and 12435-12471', perf. 11792' WSO, junk (in hole): 787' of tbing, top at 11725'. T.D. 12512', plugged w/ 44 ft$^3$ below retainer at 11400', cavity shot at 1950', plugged w/105 ft$^3$ below retainer at 1850'; plugged w/cem 60-8'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

r

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor
Murray W. Dosch

OG109(12-80-15M)

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
NOV 3 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12889

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. October 31 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 135-7, Sec. 27, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 1334.69 feet N. or S., and 5271.79 feet E. or W. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground / conc.mat above sea level is 1070.04 / 1056.74 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 11,750 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 400' | Cemented |
| 7" | 23#, 26#, 29# | J-55; N-80; and P-110 Smls | 11,750' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 12,200' | Hung |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

SUNRAY MID-CONTINENT OIL COMPANY
BARNSDALL OIL COMPANY
(Name of Operator)

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 8-5171

By O. A. Greyhead
O. A. Greyhead Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| GL 184 | | | | | |

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T 156-291

Mr. O A Graybeal
714 West Olympic Boulevard
LOS ANGELES 14
~~Agent~~ for SUN MID-CONTINENT OIL COMPANY

Los Angeles 15, Calif.
February 17, 1956

DEAR SIR:

Operations at your well No. 135-7 "Rancho San Francisco" Sec. 27, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed on January 23, 1956. Mr. R. Ybarra, Engineer, representative of the supervisor was present from 8:20 to 8:55 a.m. There were also present H. Burdg, Drilling Foreman
C. Fyling, Driller

Present condition of well: 13 3/8" cem. 392': T.D. 11050'

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Burdg reported:

1. A 17 1/2" rotary hole was drilled from surface to 392'.
2. On November 7, 1955, 13 3/8', 54.5 lb casing was cemented at 392' with 250 sacks of cement
3. Cement returned to the surface.
4. A 11" rotary hole was drilled from 392' to 10500', and a 10 5/8" rotary hole 10500' to 11050'.

THE ENGINEER NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4 1/2" drill pipe.
2. A G. K. Hydril blowout preventer for closing around the 4 1/2" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13 3/8" casing below the above equipment.
5. A high pressure stopcock on the kelly.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

RY/ys

Y/D

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By R. W. Kelling Deputy

12352 2-55 18,100 ② SPO

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

AUG 6 1968

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall, Calif. August 5, 1968

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of Repairing ~~Deepening, Redrilling, Plugging or Altering~~ casing at Well No. Rancho San Francisco #135-7
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 12,512'

2. Complete casing record, including plugs:

See Attached

3. Last produced. 7/14/68 (Date) 51 (Oil, B/D) 4 (Water, B/D) 458 (Gas Mcf/D)

NOTE: Well currently idle due to casing failure.

The proposed work is as follows:

1. Clean out to 12,512' T.D.
2. Pressure test 7" casing to locate leak.
3. Squeeze leak between Baker Model "C" CIBP set at 11,700' and Baker Model "C" Full Bore Retrievable Cementer set 150' above leak with API Class "G" cement premixed with Halad-9.
4. WOC 12 hours.
5. Drill out cement, and pressure test squeeze.
6. Retrieve Model "C" CIBP.
7. Run 2 7/8" production tubing and place well on production.

After casing

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | E | ARG | ARG |

23928 Lyons Avenue
Newhall, California 91321
(Address)

805-259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

81988-705 10-66 15M OSP

Form 5-0

# CORE RECORD

DIVISION OF OIL AND GAS
RECEIVED
MAY 3 1956
LOS ANGELES, CALIFORNIA

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY Sunray Mid-Continent Oil Co. WELL RSF #135-7

LOCATION 1334.69' S. & 5271.79' E. from Corner "J" Page 1 SECT. 27 T. 4N R. 17W KB ELEV. 1070.04'

| DATE 1956 | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | SHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Merc. | 6" | | | | | | | | | | |
| 4/2 | Core No. 1 | | 11829 | 11858 | 29 | 100 | 29 | | | | Gray to dark gray shale, hard, laminated with occasional thin streaks of siltstone, slickensided along bedding plane. Dips 40°. Poker chip parting. | F |
| 4/3 | Core No. 2 | | 11858 | 11886 | 28 | 100 | 28 | | | | Shale, dark gray to black, hard, laminated with light gray siltstone streaks to 3/4", fractured, slickensided along bedding planes. Poker chip parting. Dips 38° - 40°. | |
| 4/4 | Core No. 3 | | 11886 | 11903 | 17 | 100 | 17 | | | | Shale, dark gray to black, hard, laminated with light gray siltstone streaks to 1", slickensided along bedding planes. Dips 39° - 41°. Poker chip parting. | |
| 4/4 | Core No. 4 | | 11903 | 11926 | 23 | 100 | 23 | | | | Shale, dark gray, hard to very hard, silty, occasionally laminated and fractured, fossiliferous, slickensided along bedding plane. Trace of free oil. Dips 35° on top to 41° on bottom. | F |
| 4/5 | Core No. 5 | | 11926 | 11945 | 19 | 100 | 10.5 | | | | Shaley siltstone, dark brown to dark gray, hard, grades from siltstone on top to sandy siltstone on bottom, fine grained, fossiliferous, laminated. Dips 38°. | F |
| | | | | | | | | | 1.0 | | Sandstone shell, light gray, hard, very fine grained, micaceous. No stain, cut or odor. | |
| | | | | | | | 1.0 | | | | Shaley siltstone as above. | |
| | | | | | | | | | 2.0 | | Sandstone shell as above. | |
| | | | | | | | 4.5 | | | | Sandy siltstone, light brown, hard, very fine grained, silty, hard, fossiliferous, laminated, fractured. Dips 41°. | |
| 4/6 | Core No. 6 | | 11945 | 11955 | 10 | 100 | 3.0 | | | | Shale, dark gray to black, hard, poker chip parting, slickensided along bedding planes. Dips | F |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.
HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.
TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.
SORTING: E Even, G Good, P Poor, F Fair.
MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

June 16, 2000

Bradford DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 136,

A.P.I. No. 037-06405, Section 27, T. 4N, R. 17W, SBB. & M.,

Newhhall Potrero field, Los Angeles County,

dated January 31, 2000, received February 23, 2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 14, 2000.

2. Site inspection made and approved June 13, 2000.

This well has been left in a condition that will allow the top 55' of casings to be cut and removed during proposed grading. In the event that this is not done, then the well is to be plugged to surface before a non-conditional "Report of Well Plugging and Abandonment" is issued.

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

tkc

OG159 (4/98)

OPERATOR [illegible]

WELL NO. [illegible]

MAP

A.P.I. [illegible]

SECTION 27, T. [illegible] N, R. [illegible] W

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 10-16-99 | | | | | |
| P-REPORT NUMBER | [illegible]-1558 | | | | | |
| CHECKED BY/DATE | 6-15-00 SPM | AA 11-13-00 | | | | |
| MAP LETTER DATED | 6-17-00 | 11-18-00 | | | | |
| SYMBOL | ✚ | ✚ | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-16-99 | | | | | | | | | | | |
| HISTORY | 2-23-00 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | | | | | |
| OPERATOR'S NAME | ✓ | | | | | |
| WELL NO. | ✓ | | | | | |
| LOC & ELEV | ✓ | | | | | |
| SIGNATURE | ✓ | | | | | |
| SURFACE INSP. OK | 6-13-00 SPM | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE SPM 2-23-00 AA 11-13-00

FINAL LETTER OK

MAILED

RELEASED BOND

INJECTION BOOK

IDLE WELL LIST

SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL

ABANDONED-REMOVED FROM E.D.P.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-19**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 27, 2000

Your operations at well **"Rancho San Francisco" 136,** API No. **037-06405,** Sec. **27,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **1-14-2000. Paul Cronmiller,** representative of the supervisor, was present from **1600** to **1700**. There were also present **Rich McGown & Alex Iwasiw.**

Present condition of well: **13 3/8" cem 379'; 7" cem 9735', wso perf @ 9711', perf 115', 1100' & int 7235'-7475', split @ 430' & collapsed @ 9565'; 5 ½" ld 9719'-10,413', perf @ int 9741'-10,374'. TD 10,415'. Junk: packer @ 7825' & 712' 2 3/8" tbg below. Plugged w/ cem retainer @ 7523' & w/ cem 7523'-7516', 7445'-7100', 1100'-995' & 115'-55'.**

The operations were performed for the purpose of **abandonment.**

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☐
BOND ☐
OGD114 ☐
OGD121 ☐

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "Rancho San Francisco" #136 **API No.** 03706405 **Sec.** 27 **T.** 4N **R.** 17W **S.B. B.&M.**

**Newhall-Potrero Field** **Los Angeles County, starting work on** 10/22/99

***The present condition of the well is***

**1. Total depth:** 10,415 ft; PB TD 7,516 ft

**2. Complete casing record, with plugs and perforations (present hole):**

**13-3/8" 54.5# J-55 csg cmt'd @ 379 ft w/190 sx.**
**7" 23#, 26#, & 29# J-55, N-80 & P-110 csg cmt'd @ 9,735 ft w/600 sx.**
**TOC @ 7,378'**
**four (4) 1/2" holes @ 7,200 ft sqz'd w/ 190 sx**
**four (4) 1/2" holes @ 7,205 ft WSO**
**four (4) 1/2" holes @ 7,575 ft & 9,711 ft (WSO)**
**(continued below).**

**3. Date last produced or injected:** Pre-1992

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

Note: Well was a 1-2-3 Zone producer.

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**
☐ Yes ☒ No

**The proposed work is as follows:**

Please see attached program.

RECEIVED
OCT 14 1999
D. GEOTHERMAL
VENTURA, CALIFORNIA

Continuation of casing record:

7" perforated four (4)1/2" HPF 7,235 ft to 7,280 ft, 7,300 ft to 7,360 ft, 7,370 ft to 7,410 ft & 7,420 ft to 7,475 ft.
7" 29# Baker Model "N" CIBP at 7,825 ft.
7" 29# Baker Model "K" CI cement retainer @ 7,523 ft.
Cement plug 7,516 ft to 7,523 ft. (1968: Attempted to sqz below Model "N" packer at 7,825 ft.)

5-1/2" 17# J-55 FJ liner hung to 10,413 ft. TOC @ 9,719 ft, perforated w/192 1/4" RHPF 9,741 ft to 10,068 ft, 10,107 ft to 10,186 ft, 10,263 ft to 10,300 ft & 10,338 ft to 10,374 ft.

Junk in hole:
2 ft stub of 2-7/8" tubing
30 ft 2-7/8" tubing
1 ft Baker unloading sub
4 ft 7" 26# Baker Model "G" packer
656 ft 2-3/8" tubing
27 ft 2-3/8" N-80 pump jacket
29 ft 2-3/8" x 2-7/8" gas anchor

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 Rosedale Highway (Street)
Bakersfield, CA 93308 (City) (State) (Zip)
Telephone Number 661-635-0465 (Area Code) (Number)

Medallion California Properties Company (Name of Operator)
By C. D. Eiddler (Print Name)
C. D. Eiddler (Signature) 10/6/99 (Date)

OG108 (8/97)

**PROPOSED ABANDONMENT PROGRAM**
**RANCHO SAN FRANCISCO WELL #136**
**SECTION 27, T4N, R17W, SBB&M**
**NEWHALL-POTRERO FIELD, LOS ANGELES COUNTY**

1. RU Coil Tubing Unit (CTU); install Class II BOPE. RIH and clean out well to cement plug @ 7,516 ft. Lay a Class "G" cement plug in the 7" casing from 7,516 ft to 7,100 ft. Tag cement plug. DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay based mud from 7,100 ft to 1,100 ft.

2. RU perforators, RIH with cavity shot gear to 1,100 ft, make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,100 ft to 1,000 ft. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72# mud from 1,000 ft to 100 ft.

4. RU perforators and shoot eight (8) 1/2" holes at 100 ft. RD perforators. RIH with coil tubing and circulate surface plug into 7" x 13-3/8" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear surface location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make inspection of location after restoration.

CDF 10/6/99

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P299-158

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
— (new pool code)
50 (old pool code)

Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield, California 93308

Ventura, California
October 14, 1999

Your _____ proposal to abandon well "Rancho San Francisco" 136,
A.P.I. No. 037-06405 Sec. 27, T. 4N, R. 17W, SB B.&M.,
Newhall-Potrero field, ——— area, 1-2-3 pool
Los Angeles County, dated 10/6/99 Receive 10/11/99 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 7,516'.
4. All portions of the well not plugged with cement are filled with an inert mud fluid having a minium density of 72 lbs./cu. ft. and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. Well site restoration is completed within 60 days following the plugging and abandonment of the well.
6. This office shall be consulted before deviating from the proposed abandonment program.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plug at 7,100'.
   b. To witness the mudding of the well.
   c. To witness the location and hardness of the cement plug at 1000'.
   d. To witness the placing of the surface plug in the 13-3/8" and in the 7" x 13-3/8" annuli.
   e. To inspect and approve the cleanup of the well site before approval of the abandonment will be issued.

DALE KNOBB / S. MULQUEEN 12-20-99
CLEANOUT TO 7439' OK

1-28-00
NOTE: GRADING PLAN FOR LAND DEVELOPMENT WILL REMOVE 50' OF OVER BURDEN, WHICH WIL ALLOW THE PLUG AT 55' TO BE AT GRADE.
PC

Blanket Bond
SAF:saf

Engineer Steven A. Fields

Phone (805) 654-4761

WILLIAM F. GUERARD, JR., State Oil and Gas Supervisor

By _____ Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

RECEIVED
OCT 1 1 1999
DIV. GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS
BOND BB
OGD114 ✓
OGD121 ✓

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "Rancho San Francisco" #136 **API No.** 03706405 **Sec.** 27 **T.** 4N **R.** 17W **S.B.** **B.&M.**

Newhall-Potrero **Field** Los Angeles **County, starting work on** 10/22/99

***The present condition of the well is***

**1. Total depth:** 10,415 ft; PB TD 7,516 ft

**2. Complete casing record, with plugs and perforations (present hole):**

**13-3/8" 54.5# J-55 csg cmt'd @ 379 ft w/190 sx.**
**7" 23#, 26#, & 29# J-55, N-80 & P-110 csg cmt'd @ 9,735 ft w/600 sx.**
**TOC @ 7,378'**
**four (4) 1/2" holes @ 7,200 ft sqz'd w/ 190 sx**
**four (4) 1/2" holes @ 7,205 ft WSO**
**four (4) 1/2" holes @ 7,575 ft & 9,711 ft (WSO)**
**(continued below).**

**3. Date last produced or injected:** Pre-1992

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

Note: Well was a 1-2-3 Zone producer.

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**
☐ Yes ☒ No

**The proposed work is as follows:**

Please see attached program.

Continuation of casing record:

7" perforated four (4)1/2" HPF 7,235 ft to 7,280 ft, 7,300 ft to 7,360 ft, 7,370 ft to 7,410 ft & 7,420 ft to 7,475 ft.
7" 29# Baker Model "N" CIBP at 7,825 ft.
7" 29# Baker Model "K" CI cement retainer @ 7,523 ft.
Cement plug 7,516 ft to 7,523 ft. (1968: Attempted to sqz below Model "N" packer at 7,825 ft.)

5-1/2" 17# J-55 FJ liner hung to 10,413 ft. TOC @ 9,719 ft, perforated w/192 1/4" RHPF 9,741 ft to 10,068 ft, 10,107 ft to 10,186 ft, 10,263 ft to 10,300 ft & 10,338 ft to 10,374 ft.

Junk in hole:
2 ft stub of 2-7/8" tubing
30 ft 2-7/8" tubing
1 ft Baker unloading sub
4 ft 7" 26# Baker Model "G" packer
656 ft 2-3/8" tubing
27 ft 2-3/8" N-80 pump jacket
29 ft 2-3/8" x 2-7/8" gas anchor

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 Rosedale Highway (Street)
Bakersfield, CA 93308 (City) (State) (Zip)
Telephone Number 661-635-0465 (Area Code) (Number)

Medallion California Properties Company (Name of Operator)
By C. D. Fiddler (Print Name)
C. D. Fiddler (Signature) 10/6/99 (Date)

OG108 (8/97)

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: **Medallion California Properties Co.** Field: **Newhall-Potrero** County: **Los Angeles**

Well: **"Rancho San Francisco" 136** . Sec. **27** . T **4N** . R **17W** , **S.B.** B. & M.

A.P.I. No. **037-06405** Name: **Bradford DeWitt** (Person submitting report) Title: **Agent** (President, Secretary or Agent)

Date: **January 31** , 20 **00**

Signature

**5400 Rosedale Highway, Bakersfield, CA 93308** (Address) **(661) 635-0465** (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/19/99 | Moved in, rig up, guy out. Bleed well down. Remove tree and install B.O.P.E.. Close in well. |
| 12/20/99 | Open well. Make up saw tooth collar and tally tubing in hole, tagged at 7,439. Steve Malqueen, D.O.G.G.R. waived and approved clean out at 7,439′, ok to cement from 7,439′. Mix and pump 94 ft³ (49 sacks) 50/50 Poz with 35 silica flour with 4% gel, displace with 36 barrels of water. Pull out of hole with 30 stands. Close in well. |
| 12/21/99 | Open well. Run in hole, tagged at 7,140′, cement soft. Bruce Hesson, D.O.G.G.R. approved pull up to 6,992′ to pump mud. Rig up pump, pump 235 barrels of mud from 6,992 to 1,100′, displace with 4 barrels of water. Pull out of hole 30 stands. Close in well. |
| 12/22/99 | Open well. Run in hole with tubing, tagged top of cement at 7,085′. Bruce Hesson, D.O.G.G.R. witnessed tag. Pull out of hole laying down tubing. Remove B.O.P.E. and install donut. Close in well. Rig down, move off. |
| 01/11/00 | Move in, rig up coiled tubing unit and equipment. Run in hole with tubing to 1,100′, mix and pump 76 ft³ 50/50 Poz. Pull out of hole, down squeeze 7 barrels of water at 0 psi. Close in well. Rig down, move off. |
| 01/12/00 | Rig up wireline. Shoot casing perforations at 115′. Rig down wireline. |
| 01/14/00 | Move in, rig up coiled tubing unit and equipment. Run in hole, tag cement plug at 995′. Pump 35 barrels of mud to 115′. Pull out of hole. Mix and pump 230 ft³ 50/50 Poz, lost circulation, ran out of cement. Rig down, move off. Paul Crommiller, D.O.G.G.R. witnessed. Move in, rig up. Mix and pump 240 ft³ 50/50 Poz, unable to get returns to surface. Paul Crommiller, D.O.G.G.R. witnessed tag at 55′ and approved, final grade will be 60′ lower. |

OG103

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

RECEIVED
MAY 6 1968
INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall, Calif. 19

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. Rancho San Francisco #136-6
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

Plug & alter casing

The present condition of the well is as follows:

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | B | ARG | ARG |

1. Total depth. 10,415'

2. Complete casing record, including plugs:

13 3/8" 54.5#, J-55, Casing cmt'd at 379' w/275 sx.
7" 23,26, and 29#, J-55, N-80, P-110, LT&C Casing cmt'd at 9735' w/600 sx.
4 - 3/8" Holes at 9711' - WSO
Casing leak between (8272'-8279')
5 1/2" 17#, J-55, F.J. Liner at 10,413' w/hanger at 9719'.
Perforated w/192 - 1/4" RHPF from (9741'-10,068') (10,107'-10,186')
(10,263'-10,300') (10,338'-10,374')
17 1/2" Hole to 379'
11" Hole to 9735'
6" Hole to 10,415 - T.D.

JUNK IN HOLE FROM: (9532'-10,280')
2' Stub of 2 7/8" Tubing
30.00' 2 7/8" Tubing
1 Baker Unloading Sub
4' 7" - 26# Baker Model "G" Production P
656' (21 jts.) 2 3/8" Tubing
27' 2 3/8", N-80 Pump Jacket (cont'd be

3. Last produced. 9/65 (Date) 19 (Oil, B/D) 11 (Water, B/D) 171 (Gas Mcf/D)

The proposed work is as follows: Currently Idle

1. Run cement Bond-Variable Density Log from (7100'-8200').
2. Isolate above and below 3rd zone w/API Class "G" cement premixed w/0.6 of 1% Halad-9.
3. Shoot and test for WSO above 3rd zone. Notify DOG to witness WSO.
4. Perforate 3rd zone from (7235'-7280') (7300'-7360') (7370'-7410') (7420'-7475') w/4 - 1/2" NCF II Koneshot Jet Holes/foot.
5. Run Production String and place well on production.

*R.S.F. #136-6 will hereafter be referred to as R.S.F. #136-3.

JUNK IN HOLE (CONT'd)
29' 2 3/8" x 2 7/8" O.D. Gas Anch
748' TOTAL JUNK
NOTE: Possible collapsed Casing (7" - 26#, P-110) at 9565'

23928 Lyons Avenue
Newhall, California 91321
(Address)

805-259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle by RBM
J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

81988-705 10-66 15M OSP

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

DIVISION OF OIL AND GAS
RECEIVED
NOV 29 1955
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-06405

## Notice of Intention to Drill New Well

3

**This notice must be given and surety bond filed before drilling begins**

Newhall Calif. November 17 1955

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 136-6, Sec. 27, T. 4 N. R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2327.33 feet ~~N.~~ or S., and 2602.85 feet E. ~~or W.~~ from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground or derrick floor~~ kelly bushing above sea level is 1311.02 / 1296.02 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9815 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 500' | Cemented |
| 7" | 23#, 26#, 29# | J-55, N-80 Smls | 9,815' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 10,315' | Hung |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

SUNRAY MID-CONTINENT OIL COMPANY
~~BANNDALL OIL COMPANY~~
(Name of Operator)

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI ~~6171~~ 8-5171

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

OPERATOR Medallion [illegible] A.P.I. 037- 12890

WELL NO. "Rancho San Francisco" 37 SECTION 27, T. 4 N, R. 17 W

MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Rework | | | | | |
| NOTICE DATED | 5-20-96 | | | | | |
| P-REPORT NUMBER | P296-119 | | | | | |
| CHECKED BY/DATE | [illegible] 8-18-97 | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-23-96 | | | | | | | | | | | |
| HISTORY | 9-6-96 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | 9-30-96 | ✓ | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE AA 7-5-2002

FINAL LETTER OK

MAILED

RELEASED BOND

INJECTION BOOK

E WELL LIST

URFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL

ABANDONED-REMOVED FROM E.D.P.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

RECEIVED
SEP 0 6 1996
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

**Operator:** Medallion California Properties Co. **Field:** Newhall-Potrero **County:** Los Angeles
**Well:** "Rancho San Francisco" 137 **Sec.** 27 , **T** 4N , **R** 17W , S. B. **B. & M.**
**A.P.I. No.:** 037-12890 **Name:** Claude D. Fiddler **Title:** Engineer
**Date:** August 30, 1996

**Signature** Claude D. Fiddler

1100 Mohawk Street, Suite 154, Bakersfield, CA 93309
(Address)

805/635-0465
(Telephone Number)

**History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

| Date 1996 | |
|---|---|
| 5/28 | MIRU workover rig. R/D production tree. R/U Class II 2M BOPE, unable to work tubing loose w/140,000#. Rig and run free point, tubing stuck in Model D packer at 10,720 ft. Ran 2-1/8" chemical cutter; cut tubing at 10,711 ft. Well full of water; pumped away 2 BPM at 1,300 psi. Pulled and measured out 140 joints 2-7/8" tubing. SIWFN. |
| 5/29 | Finished pulling 2-7/8" tubing. Ran 7" 29# casing scraper, stopped @ 86 ft. POOH w/scraper. RIH w/6" OD impression block, stopped @ 86 ft. POOH w/impression block; shows casing diameter 5-9/16". Bled gas off well; filled well w/water. SIWFN. |
| 5/30 | Ran Dialog casing caliper. Found 5-3/8" casing diameter @ 86 ft and 5-1/2" at 88 ft. Ran mirror, saw dog leg @ 86 ft. Ran angle and direction survey to 2,000 ft. POOH w/survey tools. SIWFN. |
| 5/31 | Ran downhole camera to 164 ft, investigated dog leg obstruction @ 86 ft and 88 ft. POOH w/camera. Filled well with 1,200 bbls mud. SIWFN. |
| 6/3 | R/D rig floor, BOPE and tubing head. R/U casing jacks, spear and free point tool. Unlanded 7" casing and removed slips; free point indicated 100% free at 74 ft and 100% free at 220 ft. R/D free point tool, spear and casing jacks. RIH w/7" casing cutter, cut casing @ 169 ft (KB). POOH with 7" casing. SIWFN. |
| 6/4 | Ran casing caliper log on 13-3/8" surface casing to 159 ft. R/D casing log. SIWFN. |
| 6/5 to 6/6 | Ran 6-5/8" OD, 7-1/4" OD and 8-3/4" OD string mills through tight spot at 86 ft. Viewed progress with mirrors and downhole camera. |
| 6/7 | Ran 12-1/2" tapered mill and 8-3/4" mill from 86 ft to 87 ft. POOH; ran 2-7/8" tubing to 185 ft. No obstruction to 2-7/8". POOH, installed Class II BOPE; R/U working floor. SIWFN. Contacted Steve Fields, DOGGR Ventura, advised him of well condition. He approved 100 ft cement plug on top of tubing fish and packer at 10,711 ft to abandon Seventh Zone. |

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VENTURA, CALIFORNIA

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SEP 06 1996
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

| Date 1996 | |
|---|---|
| 6/10 | R/U and run downhole camera through 7" casing cut. POOH. RIH w/2-7/8" tubing to fish at 10,711 ft. Circulated; pumped 55 sxs (63 $ft^3$) cement to plug from 10,720 ft. Pulled up hole to 9,511 ft; circulated bottoms up. SIWFN. |
| 6/11 | RIH, tagged cement at 10,472 ft. Tag witnessed by Steve Mulqueen, DOGGR. POOH. RIH w/12-1/4" junk mill from 86 ft to 88-1/2 ft. POOH; SIWFN. |
| 6/12 to 6/13 | RIH to mill interval 86 ft to 88 ft with 8-3/4" and 10-1/4" string mills. Ran 12-1/8" OD junk mill 88 ft to 94-1/2 ft. Ran 12-1/4" string mill; could not get tail pipe in well. Ran downhole camera, found damaged 13-3/8" casing at 93 ft. Ran 6-5/8" string mill w/bent stinger to 93 ft. POOH; ran 8-3/4" mill w/blades at 93 ft; rotated one hour. POOH. RIH w/10-1/4" mill; rotated two hours; unable to get below 87 ft. POOH; SIWFN. |
| 6/18 | RIH w/12-3/8" watermelon mill. Reamed and milled 86 ft to 98 ft. POOH. Found drill pipe stinger missing. Ran downhole camera to 139 ft (7" casing stub). POOH w/camera. SIWFN. |
| 6/19 | RIH w/12-3/8" watermelon mill, reamed 86 ft to 93 ft, milled 96 ft to 98 ft. POOH. RIH w/9" OD sizing mill on 2-7/8" tubing; tagged 7" casing stub at 140 ft. POOH. RIH w/9" sizing mill on 4-3/4" drill collars, milled 4" off 7" casing stub. POOH. RIH w/7" wash pipe, worked past 97 ft, ran to 130 ft. POOH w/wash pipe. SIWFN. |
| 6/20 | Made up and ran 7" casing bowl and 7" 26# N-80 casing to 140 ft. Worked casing bowl over 7" casing stub, pulled 80,000# on casing, installed 7" slips in casing head, cut off casing, installed 7" packing assembly. Tested to 1,200 psi, installed tubing head and BOPE. Filled 7" casing w/water, pumped away at 300 psi. No 7"x13-3/8" annular blow. Ran 7" casing scraper to 8,700 ft. SIWFN. |
| 6/21 | Ran 7" casing scraper to 10,315 ft. POOH w/scraper. RIH w/7" 29# casing squeeze tool to 331 ft. Pressure tested to surface OK w/1,500 psi. RIH to 7,658 ft; tested to surface OK w/1,500 psi. Found top of holes in 7" casing at 7,663 ft. Tested 7" from 8,249 ft to 10,315 ft OK w/1,500 psi. With interval testing found holes between 7,663 ft and 8,186 ft. Pulled up to 7,358 ft. SIWFN. |
| 6/24 | Ran squeeze tool to 10,315 ft. Placed 100 bbls 10.1 ppg clay base mud to 7,663 ft. POOH w/96 joints 2-7/8" N-80 tubing. SIWFN. |
| 6/25 | Completed POOH w/2-7/8" tubing and squeeze tool. MIRU wireline, RIH w/GR-CBL tool, logged 9,500 ft to 6,500 ft. POOH w/log, RIH w/jet gun; perforated four 1/2" jet holes at 7,600 ft. POOH with gun. Set cmt retainer at 7,580 ft. RIH, stab into retainer at 7,580 ft. Tested annulus, tubing and retainer to 1,500 psi. Pumped down tubing @ 2 BPM w/450 psi. Unstung from retainer. SIWFN. |
| 6/26 | Stung into retainer, got breakdown @ 2 BPM @ 640 psi; displaced 154 sxs cement w/35-1/2 bbls water to final squeeze pressure of 1,500 psi. PO of retainer, POOH w/2-7/8" tubing. R/U wireline, RIH w/ jet gun, shoot four 1/2" jet holes at 7,240 ft and 7,090 ft. Set 7" cmt retainer at 7,102 ft. POOH and R/D wireline. RIH w/stab in tool to 7" cmt retainer at 7,102 ft. Circulated out holes at 7,240 ft and back into well at 7,090 ft. Circulated clean. SIWFN. |
| 6/27 | Stab in to cmt retainer at 7,102 ft, establish circulation between 7,240 ft and 7,090 ft outside casing. Pressured holes to 1,000 psi, no bleed off, pumped 92 sxs Class "G" cement displaced w/40 bbls water. Stung out of retainer, pulled up to 6,940 ft. Pressure tested cmt job to 1,000 psi; OK. POOH w/ tubing and stinger. RIH w/ 6" bit on four 4-3/4" drill collars to 6,486 ft. Reverse circulated bottoms up. SIWFN. |
| 6/28 | Tagged cmt at 6,920 ft. Drilled out cmt and retainer to 7,245 ft, tagged cmt at 7,556 ft. Drilled out cmt and retainer to 7,580 ft, changed hole fluid to 2% KCl water. Tested 7" casing to 1,000 psi; OK. SIWFN. |

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DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURC
VENTURA, CALIFORNIA

| Date 1996 | |
|---|---|
| 6/29 | R/D power swivel, POOH w/2-7/8" tubing. Remove circulating head, install shooting flange. SIWFN. |
| 7/1 | R/U wireline and 2M lubricator. Run CBL 7,580 ft. to 6,500 ft, run 4" casing guns, perforated two 1/2" holes/foot in intervals:<br><br>7,510 - 7,490 ft<br>7,480 - 7,400 ft<br>7,370 - 7,330 ft<br>7,310 - 7,265 ft<br><br>POOH w/guns; R/D wireline. RIH testing gas anchor, pump shoe and 2-7/8" tubing. SIWFN. |
| 7/2 | Completed running in and testing (5,000 psi) 2-7/8" tubing to 7,504 ft, pump shoe at 7,442 ft. R/D BOPE; R/U production tree, RIH w/7/8" rods, seated 2-1/2"x1-1/4"x22 RHB rod pump, MIRU portable pumping unit. Put well on production. |
| 7/15 | Pulled rods and pump; RIH w/2-1/2"x1-3/4"x22 RHB pump. Well on production. |

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GEOTHERMAL RESOURC
VENTURA, CALIFORNIA

500
00
40 7th
20-30

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# NOTICE OF INTENTION TO REWORK WELL

FOR DIVISION USE ONLY
BOND FORMS EDP WELL
OGD114 OGD121 FILE
BB ✓ ✓

This notice and an indemnity or dash bond must be filed, and approval given, before rework begins. (*See the reverse side for bonding information.*) If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well Rancho San Francisco #137 (Well designation), API No. 037-12890

Sec. 27, T. 4N, R. 17W, S.B. B.& M., Newhall/Potrero Field,

Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:

13-3/8" 54# J-55 CMT at 415 ft. 7" 23#, 26#, 29# J-55, N-80 and P110 CMTD at 10,754 ft. (TOG est. at 8,951'.) 5-1/2" 17# J-55 liner hung at 11,420 ft (TOL at 10,733 ft.) Perforated 10,733 ft to 10,882 ft., 10,936 ft to 11,186 ft and 11,301' to 11,149' w/192-1/4" HPF. Baker Model D packer set in 7" casing at 10,720'.

2. The total depth is: 11,423 feet. The effective depth is: 11,420 feet.

3. Present completion zone(s): Seventh (Name). Anticipated completion zone(s): Third Zone (Name).

4. Present zone pressure: 1,400 psi. Anticipated/existing new zone pressure: 600 psi.

5. Last produced: Pre-1986 (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

(or)

Last injected: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

6. Is this a critical well according to California Code of Regulations Sec. 1720(A)? Yes___ No X

**The proposed work is as follows:** *(A complete program is preferred and may be attached.)*

*See attached program.*

RECEIVED
MAY 23 1996
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

Note: If the well is to be redrilled, show the proposed bottom-home coordinates and estimated true vertical depth.
**The Division must be notified if changes to this plan be come necessary.**

| Name of Operator | Telephone Number | |
|---|---|---|
| Medallion California Properties Co. | (805) 395-3029 | |
| **Address** | **City** | **Zip Code** |
| 400 Easton Dr., Suite 133 | Bakersfield, CA | 93309 |
| **Name of Person filling Notice** | **Signature** | **Date** |
| Claude D. Fiddler (Agent) | Claude D. Fiddler | May 20, 1996 |

File in Duplicate

OG 107

FORM 103 SUBMIT IN DUPLICATE Δ OSP

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR SUN OIL COMPANY FIELD Newhall-Potrero

Well No. Rancho San Francisco #137 Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Date November 15, 1971 Signed J. R. Hinkle, District Engineer

23928 Lyons Ave.
Newhall, Ca. 91321 (805) 259-2440 Title Agent
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

10-20-71 Stimulation to Restore Injectivity, AFE #12429-92
Backflowed well into 175# Intermediate System for six hours. Shut well in and pumped 75 Bbls of a mixture consisting of 15% DiChem Solvent "A", 82% High Aromatic Solvent, and 3% Surfactant PT down injection tubing using a hot oil truck.

| Vol. Inj. | Pressure |
|---|---|
| 20 Bbls. | 2000 psi |
| 30 Bbls. | 1500 psi |
| 45 Bbls. | 1000 psi |
| 50 Bbls. | 900 psi |
| 60 Bbls. | 1800 psi |
| 65 Bbls. | 1900 psi |
| 75 Bbls. | 2100 psi |

Displaced chemical with 300 MCF plus of gas. Shut well in for 24 hours

10-21-71 Backflowed well into intermediate system for 18 hours.

10-22-71 Shut well in and pumped 75 Bbls of mixture as above down tubing.

| Vol. Inj. | Pressure |
|---|---|
| 2 Bbls. | 2100 psi |
| 12 Bbls. | 1850 psi |
| 22 Bbls. | 1400 psi |
| 32 Bbls. | 1000 psi |
| 42 Bbls. | 400 psi |
| 52 Bbls. | 200 psi |
| 62 Bbls. | 200 psi |
| 75 Bbls. | 1500 psi |

DIVISION OF OIL AND GAS
RECEIVED
NOV 17 1971
INGLEWOOD, CALIFORNIA

Displaced chemical with 300 MCF plus of gas. Shut well in for 24 hours

10-23-71 Backflowed well into Intermediate System for 12 hours.

10-24-71 Terminated backflow and began injection at 475 MCF/D rate.

10-25-71 Injection rate up to 900 MCF/D and slowly rising. Injection pressure 3300 psi.

CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

037-12890

2

DIVISION OF OIL AND GAS
RECEIVED
FEB 8 1956
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. February 6 1956

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 137-7, Sec. 27, T. 4S 6W R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2323.41 feet N. or S., and 2998.36 feet E. of N. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / conc.mat above sea level is 1288.65 / 1273.65 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 10,800 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 400' | Cemented |
| 7" | 23#, 26#, 29# | J-55, N-80, & P-110 Smls | 10,800' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 11,200' | Hung |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 8-5171

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | | | | | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

June 19, 1984

Stanley W. Blossom
Sun Explor. and Prod. Corp.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 138 (Name and number),
A.P.I. No. 037-12891, Section 27, T. 4N, R. 17W, S.B. B. & M.,
Newhall-Potrero field, Los Angeles County,
dated April 30, 1984, received May 1, 1984, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | ✓ |

M. G. Mefferd
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor

Murray W. Dosch

OG159 (11-76-GSR1-8M)

OPERATOR: Lion Exploration
WELL NO.: RSF 7138
MAP: 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | Change of Plan | | | | |
| NOTICE DATED | 2-28-84 | 3-5-84 | | | | |
| P-REPORT NUMBER | 284-58 | 284-72 | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'd | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 3-2-84 | | 3-7-84 | | | | | | | | | |
| HISTORY | 5-1-84 | | 5-1-84 | | | | | | | | | |
| SUMMARY | 5-1-84 | | 5-1-84 | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | ✓ | ✓ | | | | |
| OPERATOR'S NAME | ✓ | ✓ | | | | |
| WELL NO. | ✓ | ✓ | | | | |
| LOC & ELEV | ✓ | ✓ | | | | |
| SIGNATURE | ✓ | ✓ | | | | |
| SURFACE INSP. | — | 4-16-84 RH | | | | |
| DRILL CARD | | ✓ | | | | |
| RECORD'S COMPLETE | 6-7-84 | 6-7-84 RH | | | | |

FINAL LETTER MAILED OK ✓

INJECTION BOOK ____

IDLE WELL LIST ____

SURFACE INSP. CARD —

REMARKS:

RELEASED BOND ____

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY - 1 1984
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION Field or County Newhall-Potrero
Well Rancho San Francisco #138, Sec. 26, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12891 Name STAN W. BLOSSOM (Person submitting report) Title Agent (President, Secretary or Agent)
Date 4-30, 1984

Signature Stanley W Blossom

Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date 1984 | |
|---|---|
| 3/22 | 7" CSG @ 10,805/PBTD 10,777/PERFS 9912, 9997-10,147, 10,172-10,322/6TH ZONE/ MIRU CPS/BLEED WELL DN/REMOV TREE/INSTL BOE/UNLAND TBG/WRK LOK-SET PKR FREE/ PULLING OUT OF HOLE/SIFN/ |
| 3/23 | FINISH OUT HOLE w TBG/RIH w STC TO 10,777/CHG OVR TO LSE WTR (TOT 400 BBLS)/ RU BJ HUGHES, MX & PMP 256 $FT^3$ CL "G" CMT w .75 CFR-2 & .2% HR-7 TO LAY PLUG FRM 10,777-9577 IN 4 - 300' BALANCE PLUGS/POOH TO 9300/REVERSE TBG CLN AFTR EACH PLUG/ SIFN/ |
| 3/24 | RIH & TAG CMT @ 9675/MIKE KRUTOVIL w D.O.G. WITNESSED & APROVD/CHG OVR TO 78# MUD/POOH w TBG/SIFN/ |
| 3/26 | RIH w DIA-LOG & MAKE CAVITY SHOT @ 2000/RIH & SET CMT RET @ 1900/RU BJ HUGHES & ESTABLISH BRK DN OF 18 $FT^3$ PER MIN @ 1000 PSI/MX & PMP 200 SX CL "G" CMT, DISPL w 40 $FT^3$ MUD/UNSTAB & LEFT 22 $FT^3$ CMT ON TOP OF RET/POOH/MADE CAVITY SHOT @ 60' & ESTABLISH COMMUNICATIONS TO 7" CSG/MX & PMP CL "G" CMT DN SURFACE w RETNS UP 7" (TOT 65 $FT^3$) RDMO/DROP FRM REPORT UNTIL SURFACE WRK IS COMPLETE/ |
| 4/17 | COMPLETED SURFACE WORK ON P&A/APPROVED BY D.O.G. (ROB HABEL)/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 284-64

# DIVISION OF OIL AND GAS

## Report on Operations

Stanley W. Blossom, Agent
Sun Exploration & Production Corp.
P. O. Box 55060
Valencia, CA 91355

Santa Paula Calif.
April 11, 1984

Your operations at well "Rancho San Francisco" 138, API No. 037-12891, Sec. 27, T. 4N, R. 17W S.B. B. & M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 4/6/84. M. Kratovil, representative of the supervisor, was present from 1030 to 1035. There were also present Dennis Douglas, Abd foreman

Present condition of well: 13 3/8" cem. 592'; 7" cem. 10805'; perf. 9935', WSO, and 10778, WSO, perf. 9997-10147', 10172-10322'; 5 1/2" ld. 10779-11230', perf. 10800-10892' and 10968-11194', collapsed 10996-11072'. T.D. 11232'. Bridge plug at 10777'. Plugged with cem. 10777-9875', with 208c.f. cem. below retainer at 1903', from 1903-1803' and from 60-5'.

The operations were performed for the purpose of abandonment

DECISION:

THE PLUGGING/CEMENTING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

r

M. G. MEFFERD
State Oil and Gas Supervisor

By Murray W. Dosch
Deputy Supervisor
Murray W. Dosch

OG109(12-80-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 7 1984
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| ✓ | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO #138, API No. 037-12891, Sec. ~~26~~ 27, T. 4N, R. 17W, S.B. B. & M., NEWHALL-POTRERO Field, LOS ANGELES County, commencing work on MARCH 10, 19 84.

The present condition of the well is: PRODUCING

1. Total depth: TD 11232'
2. Complete casing record, including plugs and perforations:

   SEE ATTACHMENT 'A'

3. Last produced 12/83 (Date) 1 (Oil, B/D) 8 (Gas, Mcf/D) 79 (Water, B/D)

   or

4. Last injected N/A (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands:

The proposed work is as follows:

SEE ATTACHMENT 'B'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W. RYE CYN RD, BOX 55060 (Street)
VALENCIA, CALIFORNIA 91355 (City) (State) (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION & PRODUCTION COMPANY (Name of Operator)
By [signature] (Name) 2/28/84 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

WELL COMPLETION SKETCHES
SUN-6641-A

| RSF #138 | NEWHALL-POTRERO | 9 FEB 84 |
|---|---|---|
| WELL | FIELD | DATE |

☒ PRESENT COMPLETION

☐ SUGGESTED COMPLETION

☐ ORIGINAL COMP.

WELL CLASS _____

**PERMANENT WELL BORE DATA**

17½" HOLE TO 592'
11" HOLE TO 10,848'
6" HOLE TO 11,232'

13⅜", 54.5# J-55 CSG CMTD @ 592' W/ 423 SX.
7", 23, 26, & 29# J-55, N-80, & P-110 SMLS. CSG CMTD @ 10,805' W/ 600 SX.
5½", 17# J-55 SMLS. CSG LINER @ 10,778 - 11,230'

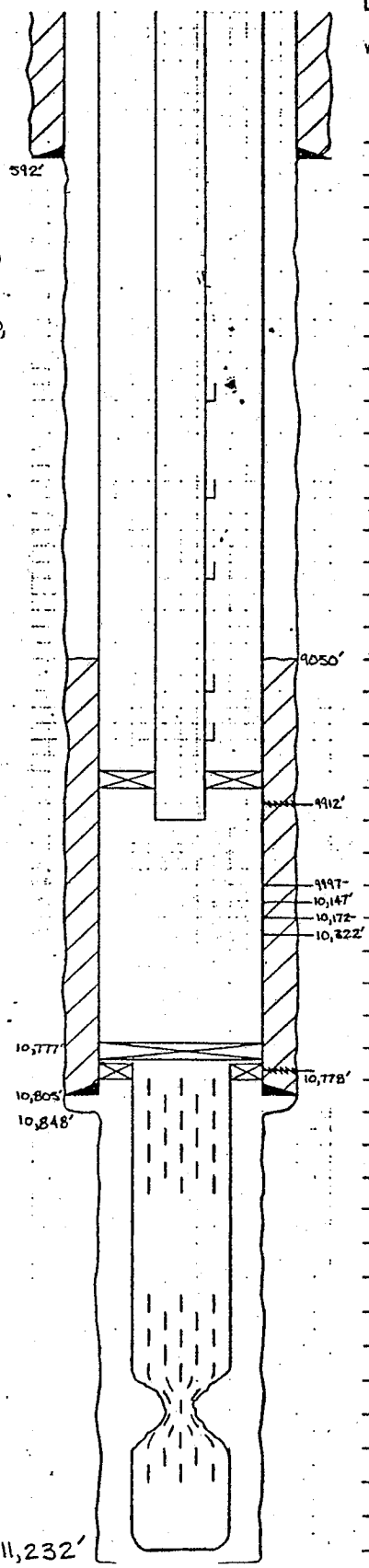
PERFS:
4-½" HOLES @ 9912' WSO
2-½" HOLES/FT @ 10,172 - 10,322', 9997 - 10,147'
4-½" HOLES @ 10,778' WSO

EST. TOC (7" CSG) @ 9050'

BAKER MODEL "N" CIBP @ 10,777'

LINER PERF'D W/ 192 - ¼" RD. HOLES/FT @ 10,800 - 10,892', 10,968 - 11,194'

LINER COLLAPSED @ 10,996 - 11,072'




**DATA ON THIS COMPLETION**

KB - 13.3' AGL
2⅞", 6.5# TBG

#1 VALVE @ 2491'
#2 VALVE @ 4488'
#3 VALVE @ 6306'
#4 VALVE @ 7868'
#5 VALVE @ 9244'
#6 VALVE @ 9839'

BAKER LOK-SET PKR @ 9884'
SEATING NIPPLE @ 9919'

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

8

037-12891

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. February 20 1956

DIVISION OF OIL AND GAS

Los Angeles Calif.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A 6L | Ry | [illegible] | | [illegible] | [illegible] |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 138-7, Sec. 27, T. 4N 6L R. [illegible], S.B. B. & M., Mayhall-Potrero Field, Los Angeles County.

Lease consists of

The well is 2439.79 feet N. or S., and 4856.59 feet E. or W. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing / ground or conc. mat above sea level is 1135.22 / 1121.92 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 10,855 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 400' | Cemented |
| 7" | 23#, 26#, 29# | J-55, N-80, and P-110 Smls | 10,855' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 11,265' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171 8-5171

SUNRAY MID-CONTINENT OIL COMPANY
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111

D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS

No. 256-364

Mr. O A Graybeal
714 West Olympic Blvd
LOS ANGELES 15
Agent for SUNRAY MID-CONTINENT OIL CO

Los Angeles 15 Calif.
March 12, 1956

DEAR SIR:

Your proposal to drill Well No. "Rancho San Francisco" 138-7,

Section 27, T.4 N, R.17 W, S B B. & M., Newhall-Potrero Field, Los Angeles County,

dated Feb. 20, 1956, received March 7, 1956, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"The well is 2439.79 feet S. and 4856.59 feet E. from Corner "J"

The elevation of the kelly bushing / ground above sea level is 1135.22 / 1121.92 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 10,855 feet."

PROPOSAL

"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing | Weight | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls | 400' | Cemented |
| 7" | 23#, 26#, 29# | J-55, N-80 and P-110 Smls | 10,855' | Cemented |
| 5-1/2" | 17# | J-55 Smls | 11,265' | Landed |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
   (a) To inspect the installed blowout prevention equipment before drilling below 2000'.
   (b) To witness a test of the effectiveness of the 7" shut-off.

FEK:OH

cc Company

E. H. MUSSER, State Oil and Gas Supervisor

By R. N. Nelling, Deputy

Blanket bond.

25469 10-55 60M SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Special Report on Operations Witnessed

No. T156-836

Mr. O A Graybeal
712 West Olympic Blvd
LOS ANGELES 15
[redacted] for SUNRAY MID-CONTINENT OIL CO

Los Angeles 15 Calif.
May 28 19 56

DEAR SIR:

Operations at your well No. "Rancho San Francisco" 138-7 Sec. 27, T. 4 N, R. 17 W, S B B. & M., Newhall-Potrero Field, in Los Angeles County, were witnessed on May 21, 19 56. Mr. R. Ybarra, Engineer, representative of the supervisor was present from 8:10 to 8:40 a.m. There were also present H. Burdg, Drilling Foreman, J. Brinley, Driller.

Present condition of well: 13-3/8" cem. 592'. T.D. 5290'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Burdg reported:

1. A 17½" rotary hole was drilled from the surface to 592'.
2. On May 5, 1956, 13-3/8", 54 lb. casing was cemented at 592' with 425 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 592' to 5290'.

THE ENGINEER NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4½" drill pipe.
2. A G. K. Hydril Blowout Preventer for closing around the 4½" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.
5. A high pressure stopcock on the kelly.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

RY:OH

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By R. W. Walling Deputy

5440 9-54 17,850 ② SPO

FORM 109-A

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Report on Test of Water Shut-off
(FORMATION TESTER)

No. T 156-1064

Mr. O A Graybeal
714 West Olympic Boulevard
LOS ANGELES 15
Agent for SUNRAY MID-CONTINENT OIL CO

Los Angeles 15 Calif.
July 18 1956

DEAR SIR:

Your well No. "Rancho San Francisco" 138-7, Sec. 27, T. 4 N, R 17 W, S B B & M. Newhall-Potrero Field, in Los Angeles County, was tested for water shut-off on July 10, 1956. Mr. V. F. Gaede, Engineer, designated by the supervisor was present from 6:00 to 6:45 p.m. as prescribed by law; there were also present R. D. Cypher, Engineer, W. W. Miller, Driller.

Shut-off data: 7 in. 23, 26 & 29 lb. casing was xx cemented xxxxx at 10,805 ft. on July 7, 1956 in 11 in. hole with 600 xxxxxx sacks of cement xxxxx calculated to fill behind casing to 9025 ft. below surface.

Casing record of well: 13-3/8" cem. 592'; 7" cem. 10,805', four ½" holes 10,778', W.S.O.

Present depth 10,848 ft. cmt. bridge 10,805 ft. to 10,795 ft. Cleaned out cmt. 10,708 ft. to 10,795 ft. for test. A pressure of 1000 lb. was applied to the inside of casing for 15 min. without loss after cleaning out to 10,708 ft. A Johnston tester was run into the hole on 3-1/2 in. drill pipe xxxxxx with 1500 ft. of water xxxx cushion, and packer xx set at 10,753 ft. with tailpiece to 10,770 ft. Tester valve, with 1/2 in. bean, was opened at 2:15 p.m. and remained open for 1 hr. and xxx min. During this interval there was a puff blow for 1 min., then no bl thereafter.

Mr. Cypher reported:

1. An 11" rotary hole was drilled from 592' to 10,848'.
2. The 7" casing was cemented as noted above.
3. The 7" casing was shot-perforated with four ½" holes at 10,778'.
4. A Johnston tester was run as noted above.

THE ENGINEER NOTED:

1. When the drill pipe was removed, a net recovery of 15' of drilling fluid was found in the drill pipe above the tester, equivalent to 0.1 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hr.

THE 7" SHUT-OFF AT 10,778' IS APPROVED.

VFG:OH

cc Company

E. H. MUSSER
State Oil and Gas Supervisor

By R. W. Walling Deputy

FORM 107

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED
NOV 25 1966
INGLEWOOD, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. November 23 1966

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. "Rancho San Francisco" #138-7, Sec. 27, T. 4N, R. 17W, SB B. & M.
(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth.

   11,232 ft.

2. Complete casing record, including plugs:

   13 3/8" - 54.5#, J-55 Smls. csg. cmt'd. at 592' with 423 sacks.
   7" - 23#, 26#, and 29#, J-55, N-80, and P-110 Smls. csg. cmt'd. at 10,805' with 600 sacks.
   4-1/2" Holes at 10,778'-WSO.
   7" - 26# Baker Model "D" Perm. Prod. Packer at 10,766'.
   5 1/2" - 17#, J-55 Smls. Liner Hung at 10,779' with shoe at 11,230
   Perforated with 192-1/4" Rd. Holes/Ft.:
   (10,800'-10,892')
   (10,968'-11,194')

3. Last produced. October, 1966 (Date) | 24 (Oil, B/D) | 1 (Water, B/D) | 363 MCF/D (Gas)

The proposed work is as follows:

1. Mill out 7"-26# Model "D" Packer at 10,766'.
2. Stimulate productivity.
3. Run production string with retrievable production packer.
4. Place well on production.

alter casing

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | blanket | m | m |

23928 Lyons Avenue
Newhall, California 91321
805 259-2440
(Address) (Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle
J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## REPORT ON PROPOSED OPERATIONS No. P 166-1339

Mr. John R. Hinkle
23928 Lyons Avenue
Newhall, California
Agent for SUNRAY DX OIL COMPANY

Inglewood, Calif.
November 29, 1966

DEAR SIR:

Your proposal to alter casing in Well No. "Rancho San Francisco" 138 Section 27, T. 4 N., R. 17 W., S.B.B. & M., Newhall-Potrero Field, Los Angeles County, dated Nov. 23,1966, received Nov. 25,1966, has been examined in conjunction with records filed in this office. Present conditions as shown by the records and the proposal are as follows:

**THE NOTICE STATES**

"The present condition of the well is as follows:

1. Total depth. 11,232 ft.
2. Complete casing record, including plugs:
   13-3/8" - 54.5#, J-55 Smls. csg. cmt'd. at 592' with 423 sacks.
   7" - 23#, 26#, and 29#, J-55, N-80, and P-110 Smls. csg.
   cmt'd. at 10,805' with 600 sacks.
   4-1/2" Holes at 10,778'-WSO.
   7" - 26# Baker Model "D" Perm. Prod. Packer at 10,766'.
   5-1/2" - 17#, J-55 Smls. Liner Hung at 10,779' with shoe at 11,230'.
   Perforated with 192-1/4" Rd. Holes/Ft.:
   (10,800'-10,892')
   (10,968'-11,194')
3. Last produced.

| October, 1966 | 24 | 1 | 363 MCF/D |
|---|---|---|---|
| (Date) | (Oil,B/D) | (Water,B/D) | (Gas) " |

**PROPOSAL**

"The proposed work is as follows:

1. Mill out 7"-26# Model "D" Packer at 10,766'.
2. Stimulate productivity.
3. Run production string with retrievable production packer.
4. Place well on production."

**DECISION**

**THE PROPOSAL IS APPROVED.**

JLZ:nw

Blanket Bond

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By Wm. C. Bailey, Deputy

OT OSP

FORM 107

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

RECEIVED
AUG 8 1968
LOS ANGELES, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. August 6, 1968

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San Francisco #138-7 (037-12891)
(Cross out unnecessary words)

, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 11,232'

2. Complete casing record, including plugs:

| | |
|---|---|
| 13 3/8" | 54.5#, J-55 Smls csg. cmt'd at 592' w/423 sx. |
| 7" | 23, 26, & 29#, J-55, N-80, & P-110 Smls csg. cmt'd at 10,805' w/600 sx. |
| | 4-1/2" Bullet Holes at 10,778' - WSO |
| 5 1/2" | 17#, J-55 Smls Liner hung at 10,779' w/shoe at 11,230'. |
| | Perf w/192-1/4" RHPF: (10,800'-10,892') (10,968'-11,194') |
| | Collapsed fr/(10,996'-11,072') |
| 17 1/2" | Hole to 592' |
| 11" | Hole to 10,848' |
| 6" | Hole to 11,232' - T.D. |

3. Last produced. 7/68 (Date) 21 (Oil, B/D) 5 (Water, B/D) 2444 (Gas Mcf/D)

The proposed work is as follows:

1. Run CBL fr/(9000'-10,750')
2. Set Bridge Plug at 10,600' w/wireline.
3. Perforate 6th zone fr/(10,000'-10,150") and (10,175'-10,325') w/2-1/2" JHPF.
4. Shoot and test for WSO above 6th zone. Notify D.O.G. to witness.
5. Run production string and place well on production.

Plug and alter casing

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | B | ARG | ARG |

23928 Lyons Avenue
Newhall, California 91321
(Address)

805-259-2440
(Telephone No.)

SUNRAY DX OIL COMPANY
(Name of Operator)

By J. R. Hinkle by JRD
J. R. Hinkle, District Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

31

FORM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

Operator Sunray Mid-Continent Oil Company Field Newhall-Potrero

Well No. "Rancho San Francisco" 138-7 Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Location 2439.79' South and 4856.59' East from Corner "J" Elevation of kelly bushing 1135.22 ground ~~or~~ ~~conc. mat~~ above sea level 1121.92 feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date November 19, 1956 Signed O. A. Graybeal

J. O. McDonald (Engineer or Geologist) A. G. Chancey (Superintendent) Title O. A. Graybeal Agent (President, Secretary or Agent)

Commenced drilling April 3, 1956 Completed drilling July 23, 1956 Drilling tools Rotary

Total depth 11,232' Plugged depth - Packer 10716

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Commenced producing July 23, 1956 (date) Flowing/~~gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | 729 | 34.0° | 0.1% | 2,120 | 1170# | 1490# |
| Production after 30 days | 237 | 34.8° | 1.6% | 1,526 | 780# | 980# |

### Casing Record (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perforat |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8" | 592' | Surface | 54.5# | New | Smls. | J-55 | 17-1/2" | 423 | - |
| 7" | 10,805' | Surface | 23#, 26# & 29# | New | Smls. | J-55, N80 & P-110 | 11" | 600 | - |
| 5-1/2" | 11,230' | 10,779' | 17# | New | Smls. | J-55 | 6" | - | - |
| | | | | | | | | | |
| | | | | | | | | | |

### Perforations

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 5-1/2" | 11,194 ft. | 10,968 ft. | 192 - 1/4" Rd. holes/ft. | 16 | 1" | Shop |
| 5-1/2" | 10,892 ft. | 10,800 ft. | " " " " | 16 | 1" | " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 10,848';11,232' (Attach Copy of Log)

DII

FORM 103, 62964 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero

Well No. "Rancho San Francisco" 138-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Signed O. A. Graybeal

Date November 19, 1956 Title O. A. Graybeal Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1956 | |
|---|---|
| 5-3 | Spudded in at 2:00 P.M. with 11" Bit and drilled to 592'. |
| 5-5 | Opened 11" hole to 17-1/2" to 592'. Ran 13-3/8" 54.5# J-55 ST&C casing. Cemented shoe at 592' with 425 sacks of Victor Construction Cement containing 2-1/2% Gel. Had cement returns to mouse hole. |
| 5-6 | Found top of cement at 544'; shoe at 592'. Drilled ahead with 11" bits to 10,848'. |
| 7-6 | First Run Schlumberger Electric Log to 10,848'. Also ran Schlumberger Directional Survey from 10,800' to 4000'. |
| 7-7 | Ran 7" 23#, 26#, 29#, J-55, N-80 Extreme Line and LT&C casing. Cemented shoe at 10,805'; float collar at 10,714' - with 600 sacks Victor Hi-Temp cement. |
| 7-10 | Drilled out cement with 6" bit, found top of cement at 10,708'; float collar at 10,714'. Drilled out to 10,795'. Shot four 1/2" holes at 10,778' with Lane-Wells A-2 Bullet Gun. |
| | Ran Johnston Formation Tester on 3-1/2" drill pipe. Set packer at 10,753'; tail piece to 10,770'. Used 1500' fresh water cushion and 1/2" bottom bean. Tester opened at 2:15 P.M. for one hour. Had puff blow one minute and dead 59 minutes. Recovered 15' of 65.5# drilling fluid. W.S.O. approved by Mr. Gaede of the Division of Oil and Gas. |
| 7-11 | Drilled out shoe at 10,805' with 6" bit; drilled to 10,852'. Changed over from mud to Black Magic oil base mud. |
| | Cored ahead with 6" Diamond Core head to 11,232' - Total Depth. |
| 7-22 | Ran Schlumberger Induction Log from 11,232' to 10,805'. Ran 5-1/2" 17# J-55 Flush Joint Liner to 11,230'; hanger at 10,779'. Perforated with 192 - 1/4" straight round holes per foot from 11,194' to 10,968' and from 10,892' to 10,800'. |
| 7-23 | Set Baker Model "D" Retainer Production Packer with top at 10,766'. Ran 353 joints of 2-7/8" E.U. and F.J. tubing to 11,175.77' |
| | Changed over from Black Magic oil base mude to crude oil and completed well. |

DLW

FORM 103

SUBMIT IN DUPLICATE

26535-705 7-64 25M △ OSP

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR SUNRAY DX OIL COMPANY FIELD Newhall - Potrero

Well No. Rancho San Francisco #138-7, Sec. 27, T. 4N, R. 17W, SB B. & M.

Date December 16, 1966 Signed J. R. Hinkle

23928 Lyons Avenue, Newhall, Calif. 805-259-2440 Title District Engineer
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

| Date 1966 | |
|---|---|
| 11/18 | Pulled dummy valve at 10,736' and killed well with lease crude. Installed BOE and pulled tubing. Pipe dragged for first 100'. Bottom 102' Hydril Type "A" tubing egg-shaped indicating collapsed liner at 11,072'. Made up Baker packer Milling tool, junk basket, collars and tested tubing into hole to 4500 psi. Preparing to Mill up Baker Model "D" packer at 10,770'. |
| 11/19 | Milled out and retrieved Baker Model "D" packer at 10,766'. Ran 4 21/32" ring gauge on Baker junk basket. Stopped at 10,996'. Stuck at this point. Found bull-nose off bottom of junk basket lost in hole. Basket crushed on one side. |
| 11/20 | Made up 5 1/2" M & T pushout washer and ran to 10,983'. Attempted to set and tubing collapsed leaving 98' 2 3/8" above tools. Ran 4 1/2" socket and spiral grabble and worked over fish. |
| 11/21 | Pulled fish and laid down tools. Made up 5 1/2" M & T washer and scratcher and ran to 6000'. Tools plugged. Found sand in tools. Ran new M & T washer to 10,975' and spotted 60 barrels KD mixed with 440 Solvent "A". Scratched perforatio from 10,892' to 10,800'. Washer slips would not hold. Pulled up and circulation washed perforations with rig pump with 22 barrels KD and 3 - 55 gallon drums Solvent "A" and 55 gallons Acetic acid. |
| 11/22 | Pull wash tools and made up bridge plug and shock tools. Set bridge plugs at 10,915' and packer at 10,792' with tail to 10,828'. Opened tool, had lite blow on tubing and vacuum on casing. Pulled tools and ran 7" packer and shock tool and set at 10,691' with tail to 10,849'. Opened tool and had medium to strong blow for 1 1/2 Min. Intermittent medium to weak blow for 58 1/2 Min. Had weak blow for 30 Min. Had intermittent weak to dead for 30 Min. Total time tool open - 2 hours. |
| 11/23 | Pulled packer and shock tool. Made up and ran M & T circulation washer and perforation scratcher. Scratched perforations 10,892' to 10,800'. Washed perforations with 30 barrels crude oil with 1% OW. Pulled tools. Ran bridge plug retrieving tool and circulated sand fill 10,912' to 10,915'. Latched bridge plug and lowered to 10,975' to check for fill below bridge plug. Hole clean. |

9/9 GL 24 hrs., 5 BO, 138 BW, 96.5% Water, 27.5 Gravity, 48/64 Choke Size, 130# Tbg. Press., 590# Csg. Press., 1214 Input Gas MCF/D, Salinity 658 G/G. Well owes 352 bbls of load oil.

9/10 GL 24 hrs., 7 BO, 115 BW, 94.3% Water, 26.8 Gravity, 48/64 Choke Size, 130# Tbg. Press., 640# Csg. Press., 1108 Input Gas MCF/D, Salinity 646 G/G. Well owes 345 bbls of load oil.

9/11 GL 24 hrs., 3 BO, 118 BW, 97.5% Water, 26.5 Gravity, 48/64 Choke Size, 150# Tbg. Press., 640# Csg. Press., 986 Input Gas MCF/D, Salinity 623 G/G. Well owes 342 bbls of load oil.

9/12 GL 24 hrs., 2 BO, 106 BW, 98.1% Water, 26.5 Gravity, 48/64 Choke Size, 130# Tbg. Press., 675# Csg. Press., 901 Input Gas MCF/D, Salinity 623 G/G. Well owes 340 bbls of load oil.

9/13 GL 24 hrs., 1 BO, 114 BW, 99.1% Water, 26.5 Gravity, 48/64 Choke Size, 130# Tbg. Press., 600# Csg. Press., 815 Input Gas MCF/D. Well owes 339 bbls of load oil.

9/14 GL 24 hrs., 2 BO, 117 BW, 98.3% Water, 26.5 Gravity, 48/64 Choke Size, 150# Tbg. Press., 580# Csg. Press., 888 Input Gas MCF/D. Well owes 337 bbls of load oil.

9/15 GL 24 hrs., 0 BO, 116 BW, 100.0% Water, 48/64 Choke Size, 80# Tbg. Press., 530# Csg. Press., 751 Input Gas MCF/D. Well owes 337 bbls of load oil.

9/16 GL 24 hrs., 11 BO, 103 BW, 90.5% Water, 26.5 Gravity, 48/64 Choke Size, 120# Tbg. Press., 600# Csg. Press., 10 Form. Gas MCF/D, 909 GOR, 734 Input Gas MCF/D. Well owes 326 bls of load oil.

9/17 GL 24 hrs., 2 BO, 101 BW, 98.1% Water, 26.0 Gravity, 48/64 Choke Size, 120# Tbg. Press., 600# Csg. Press., 7 Form. Gas MCF/D, 3000 GOR, 727 Input Gas MCF/D. Well owes 324 bbls of load oil.

DIVISION OF OIL AND GAS
RECEIVED
DEC 11 1968
INGLEWOOD, CALIFORNIA

Form 5-

# CORE RECORD

"Rancho San Fr[illegible]"

COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY Sunray Mid-Continent Oil Co. WELL ( RSF [illegible]38-7

LOCATION 2439.79' S. & 4856.58' E from Corner "J" Page 1 SECT. 27 T. 4N R. 17W K.B. ELEV. 1135.22

| DATE 1956 | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | RECOVERY SHALE | RECOVERY SAND | RECOVERY SHELL | RECOVERY OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/12 | Mercury | 6" | | | | | | | | | | |
| | Core No. | 1 | 10852 | 10867 | 15 | 100 | | | | 1.0 | Oil conglomerate, light brown, medium hard, medium to coarse grained with pebbles to 1/4". Good stain and odor. | F |
| | | | | | | | 0.5 | | | | Shale, sandy, dark gray, medium hard. | |
| | | | | | | | x | | | 4.5 | Oil conglomerate, light brown, medium hard, medium to coarse grained with pebbles to 1/4". Good stain and odor. Light gray, light brown, very hard conglomerate streak at 10857½' and dark gray, medium hard shale streak at 10858'. | |
| | | | | | | | x | | | 9.0 | Oil sand, light brown, hard, fine grained. Good stain and odor. Dark gray shale streaks at 10861', 10863' and 10866' and light gray sand, fine to medium grained, streak at 10864' medium hard. | |
| 7/12 | Core No. | 2 | 10867 | 10883 | 16 | 100 | | | | 3.5 | Oil sand, light brown, medium hard, fine grained. Good stain and odor. | F |
| | | | | | | | 0.5 | | | | Shale, dark gray, hard. Vertical fractures. Poor poker chip parting. Dips 37°. | |
| | | | | | | | | | | 1.5 | Oil sand, light brown to light gray, hard, fine to medium grained. Poor stain and good odor. | |
| | | | | | | | 5.5 | | | x | Shale, dark gray, hard. Vertical fractures. Dips 37°. Occasional streaks light brown oil sand. | |
| | | | | | | | x | | | 2.0 | Oil sand, light brown to light gray, hard Occasional streaks of dark gray shale. | |
| | | | | | | | 0.5 | | | | Shale, dark gray, hard. | |
| | | | | | | | | | 2.5 | | Sandstone shell, light gray, very hard. | |
| 7/13 | Core No. | 3 | 10883 | 10899 | 16 | 100 | | | | 0.5 | Oil sand, light brown, medium hard, medium grained well sorted. Good stain and odor. | F |
| | | | | | | | 14.5 | | | | Shale, dark gray, hard. Dips 36°. Occasional vertical fractures and occasional streaks of light gray, hard siltstone. | |
| | | | | | | | | | | 1.0 | Oil sand as 0.5' above. | |

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followed by date described if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

January 21. 1981

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Your report of abandonment of well "Rancho San Francisco" 140 (Name and number), A.P.I. No. 037-12893, Section 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero field, Los Angeles County, dated 1/13/81, received 1/15/81, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 253 | 1-24-81 | | | ESP ✓ | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By
Deputy Supervisor
John L. Hardoin

OG159 (11-78-DSR1-SM)

**WELL COMPLETION SKETCHES** SU[illegible]036-4-A

| WELL | FIELD | DATE |
|---|---|---|
| "RSF" 140 | NEWHALL - POTRERO | 10-27-95 |

☒ PRESENT COMPLETION ☐ SUGGESTED COMPLETION

**PERMANENT WELL BORE DATA**

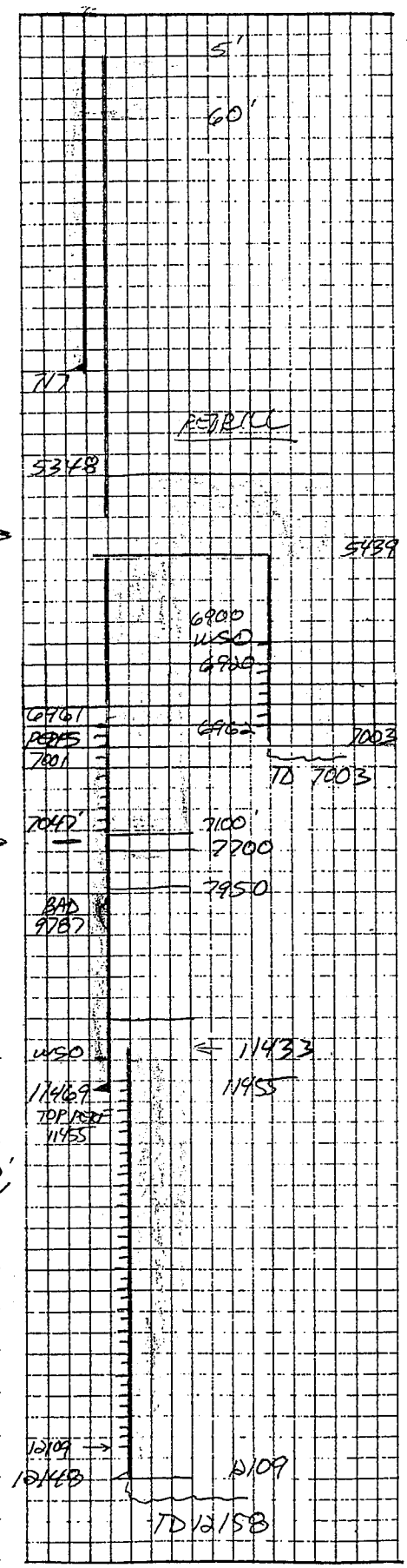
11" cem 717

MILLED 5705' - 5735' →

TOP 3RD ZONE 7274' →

7" cem 11469'
perfs 6989' WSO
cp 6990', 7058, 7060', 7710',
perfs 7001 - 7047
BAD 9787 - 9789 (CEM OFF)
MILLED 5705' - 5735

5½ ld 11433 - 12148
perf 11455 - 12109




**DATA ON THIS COMPLETION**

TOP 3RD 7274'

REDRILL COMPLETION:

5" ld 5439' - 7003
perfs 6920 - 6962
p 6900' WSO

OPERATOR _____
LSE & NO RSF 140
MAP 253

| | (1) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | ABD | | | | | |
| NOTICE DATED | 10-23-80 | | | | | |
| P-REPORT NUMBER | 280-365 | | | | | |
| CHECKED BY/DATE | FT 1-22-81 | | | | | |
| MAP LETTER DATED | 1-4-81 | | | | | |
| SYMBOL | ~~D~~ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 10-22-80 | | | | | | | | | | | |
| HISTORY | 1-15-81 | | | | | | | | | | | |
| SUMMARY | 1-15-81 | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER | | | | | | | | | | | | |
| RECORDS COMPLETE | OK | | | | | | | | | | | |

ENGINEERING CHECK

T-REPORTS ✓
OPERATOR'S NAME ✓
WELL DESIGNATION ✓
LOC & ELEV ✓
SIGNATURE ✓
SURFACE INSPECTION ✓
FINAL LETTER OK ✓

CLERICAL CHECK

POSTED TO 121 _____
170 MAILED _____
FINAL LETTER MAILED _____
RELEASED BOND _____

REMARKS: Final surface inspection 12-4-80. Site graded, no seepage.
EPH

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

RECEIVED
JAN 13 1981
DIVISION OF OIL & GAS
BAKERSFIELD

API No. 037-12893

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator: SUN OIL COMPANY (DELAWARE) | Well: RANCHO SAN FRANCISCO #140 |
| Field: NEWHALL-POTRERO | County: LOS ANGELES; Sec. 27; T. 4N; R. 17W; B.&M. SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates): 3070'S along section line, 2226'E at right angles from Corner "J". | Elevation of ground above sea level: GL.1221' |

Commenced drilling (date): N/A

Completed drilling (date): N/A

Commenced producing (date): N/A

☐ Flowing ☐ Pumping
☐ Gas lift P/A

Name of producing zone(s): N/A

Total depth: (1st hole) 12,158; (2nd); (3rd)

Present effective depth: 7005'

Junk: NONE

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing
Which is ±10 feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| Top O Zone | 6516 |
| Top 1A Zone | 6608 |
| Top T Zone | 7237 |
| Top 3rd Zone | 7274 |
| Top 4th Zone | 8116 |
| Top 5th Zone | 9104 |
| Top 6th Zone | 9482 |
| Top 7th Zone | 11205 |

Formation and age at total depth: MODELLO (UPPER MIOCENE)

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | | | | | | |
| Production After 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementi (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 11-3/4" | Surface | 717' | 47# | J-55,ST&C | New | 16" | 425SX | ---- |
| 7" | Surface | 11,469' | 23,26,29# | J-55, N-80 | New | 9-7/8" | 650SX | |
| 5-1/2" | 11,433' | 12,148' | 17# | J-55,F.J.Liner | New | 6" | Hung | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
Shop perfs w/192 - 1/4" round holes/ft w/1" spacing. 11,455'-11,698', 11,772'-11,959', 12,033'-12,109'.

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

DIVISION OF OIL AND GAS
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Electrical log depths: N/A

Other surveys: N/A

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | |
|---|---|
| Name: L. B. CARROLL, JR. | Title: District Engineer |
| Address: 23928 Lyons Avenue | City: Newhall, California; Zip Code: 91321 |
| Telephone Number: 805/259-2440 | Signature: L B Carroll Jr. |
| | Date: 1/13/81 |

DG100 (12-76-GSRI-12M)

SUBMIT IN DUPLICATE

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
JAN 13 1981
DIVISION OF OIL & GAS
BAKERSFIELD

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County Newhall-Potrero
Well Rancho San Francisco #140 Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12893 Name L. B. CARROLL, JR. (Person submitting report) Title Agent (President, Secretary or Agent)
Date 1/8/81, 19

Signature L.B. Carroll, Jr. by [illegible]

23928 Lyons Avenue, Newhall, California 91321 (Address) (805) 259-2440 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1980 | |
| 10/23 | TD 12,158/PBTD 7003' /11-3/4" 47# CSG CMTD w 425 SX/7" 23#, 26#, 29#, J-55, N-80, P-110 LT-C,X-LINE CSG, CMTD w 650 SX @ 5½ 17# J-55 FJ LNR, 11433-12148, PERFD w 192 ¼" HOLES FT 11455-11698', 11772-11959, 12033-12109/P&A ORIGINAL HOLE 5715-12158/MILLED WINDOW IN 7" CSG 5705-5735/DRLD NEW HOLE TO 7005/RAN 5" 15# N-80 LNR, 5439-7003 CMTD w 140 SX/PERFD w 4-½" JHPF, 6962, 6942, 6942, 6920/MIRU/INST BOP/PU 54 JTS 2-3/8" TBG & 169 JTS 2-7/8" TBG/TST IN TO 5000#-FND 3 HOLES/ RIH TO 6961/CHNG OVR TO FRSH WTR/HOWCO MXD & PMPD 87 CF CL "G" NEAT CMT/DISP w 190 CF WTR/PU TO 5700/REV TBG CLN/RIH TO 6150/HOWCO MXD & PMPD 97 CF CL "G" NEAT CMT/DISP w 165 CF WTR/PU TO 5000/REV TBG CLN/SDFN/ |
| 10/24 | TAGGED CMT @ 5348/WITNESSED BY D.O.G./CHG OVR TO 72# MUD/PULLED & LD TBG/RUN IN 2 JTS & RU HALIB/MIXD & CIRC TO SURF/RDMO HALIB/RDMO RIG/DROP FRM REPORT UNTIL CSG CUT OFF, & LOCATION RESTOREMENT IS COMPLETE/ |
| 12/5 | 10-24 thru 12-4/REMOVD & DISPOSED OF ALL CMT FRM CELR, PULLNG UNIT PAD & DEAD MEN/CUT OFF CSG HD & CSG 10' BELOW GRND LEVEL, WELD PLATE & MARKER ON CSG STUB/BK FILLED & RESTORD LOCATION TO ITS ORIGINAL STATE/ALL WITNESSED & APPROVD BY REP FRM D.O.G., ED HICKEY, 12-4-80/ABANDONMENT COMPLETE/ |

DIVISION OF OIL AND GAS
RECEIVED
JAN 15 1981
SANTA PAULA, CALIFORNIA

OG103 (4-77-GSR1-10M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 280-280

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Santa Paula, Calif.
Nov. 6, 1980

Your operations at well "Rancho San Francisco" 140, API No. 037-12893, Sec. 27 T. 4N R. 17W S.B. B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 10/23/80. Ed Hickey, representative of the supervisor, was present from 1100 to 1200. There were also present Mr. Jay Toops, Foreman

Present condition of well: additions to the casing record since proposal dated 10/22/80: plugged with cement 7003-5384', 60-5'.
5348

The operations were performed for the purpose of abandoning the well.

DECISION:

THE PLUGGING/CEMENTING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

b

M. G. MEFFERD
State Oil and Gas Supervisor

By John L. Hardoin
Deputy Supervisor

John L. Hardoin

OG109 (6-77-GSRI-15M)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS 114 | FORMS 121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. RANCHO SAN FRANCISCO #140, API No. 037-12893, Sec. 27, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on October 24, 19 80.

The present condition of the well is:

1. Total depth: 12,158'
2. Complete casing record, including plugs and perforations:

-See Attachment I-

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands: _____

The proposed work is as follows:

-See Attachment II-

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 23928 Lyons Avenue (Street)
Newhall, California 91321 (City) (State) (Zip)
Telephone Number (805) 259-2440

SUN OIL COMPANY (DELAWARE) (Name of Operator)
By L. B. Carroll (by MGM) 10/22/80 (Date)
L. B. CARROLL, JR.
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (12-73-GSR1-15M)

WELL ☐ COMPLETION SUMMARY
☐ WORKOVER SUMMARY

S-114 A

DATE May 22, 1962

| LEASE | WELL NO. | SEC. | TWP. | RGE. | COUNTY OR PARISH | STATE |
|---|---|---|---|---|---|---|
| Rancho San Francisco | 110-1D | [illegible] | 4N | 17W | Los Angeles | California |

| FIELD | SURVEY | LOCATION |
|---|---|---|
| Newhall-Potrero | [illegible] | 3070.11 South & 2226.23' [illegible] of Corner "J" |

| DATUM POINT | ELEVATION | TD / PBTD | TOP OF CASINGHEAD FLANGE | CONTRACTOR | |
|---|---|---|---|---|---|
| ☐ GD ☐ DF ☐ KB | 1236.35' | TD 12358' / PBTD | 14.00 FT. ☐ ABOVE ☐ BELOW D-P | Lofland Brothers | $ /D / $ /F |

## HOLE AND CASING RECORD

| HOLE DRILLED SIZE | HOLE DRILLED DEPTH | CSG. | SET AT | DESCRIPTION (WT. — THREADS — MAKE — TYPE — GRADE — COND.) |
|---|---|---|---|---|
| 6" | 7005 | 7" / 9" | 5705 / 7003 | Previous Summary Well History dated February 4, [illegible] Milled [illegible] in [illegible] 1735' 15#, N-80 [illegible] casing in [illegible] hole. [illegible] |

## CEMENTING RECORD

| SACKS USED | SACKS TOP PLUG | REMARKS |
|---|---|---|
| [illegible] | [illegible] | Plug [illegible] |
| [illegible] | [illegible] | Plug [illegible] |
| [illegible] | [illegible] | Plug [illegible] |
| [illegible] | [illegible] | Squeeze [illegible] |
| [illegible] | [illegible] | Plug [illegible] |

## FORMATION RECORD

| NAME | TOP | BOTTOM | CONTENT OIL - GAS WATER |
|---|---|---|---|
| None | | | |

## DRILL STEM TESTS

| DATE | INTERVAL FROM | INTERVAL TO | TIME OPEN | RECOVERY |
|---|---|---|---|---|
| | | | | |

Division of Oil and Gas
RECEIVED
MAY 31 1962
INGLEWOOD, CALIFOR

## COMPLETION ZONE

| DATE | INTERVAL FROM | INTERVAL TO | ZONE |
|---|---|---|---|
| | | | |

## PRODUCTION PERFORATIONS

| NO. OF HOLES | INTERVAL FROM | INTERVAL TO | PURPOSE & RESULTS |
|---|---|---|---|
| 4 | 6586 | | Sq. [illegible] ft (172 sx.) |
| 4 | 6650 | | Sq. [illegible] ft (191 sx.) |
| 4 | 6900 | | W.S.O. |
| 168 | 6920 | 6962 | Production 1D Zone |

## TREATMENT RECORD

| DATE | PRODUCTION BEFORE | PRODUCTION AFTER | TREATMENT SIZE AND KIND | INTERVAL FROM | INTERVAL TO | REMARKS |
|---|---|---|---|---|---|---|
| None | | | | | | |

## PRODUCTION RECORD (GIVE ALL PRODUCTION DATA FOR FIRST FEW DAYS AFTER COMPLETION OR WORKOVER)

| DATE | OIL BARRELS | GAS MCF | WATER BARRELS | HRS | METHOD | PRESSURES CASING | PRESSURES TUBING | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4/2/61 | 105 | - | 3 | [illegible] | [illegible] | 200 | 700 | [illegible] |
| 4/5/61 | 61 | 62 | 0 | 24 | [illegible] | 150 | 620 | Pot Production Only. |
| 5/13/61 | 32 | 67 | 0 | 24 | [illegible] | - | - | |

ENGINEER [illegible]

SUPERINTENDENT

*SEE DETAILED REPORT.

Form 5-OD

# CORE RECORD



COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero COMPANY Sunray Mid-Continent Oil Co. WELL RSF #140-7

LOCATION 3070.11' South and 2226.23' East from Corner "J" SECT. 27 T. 4N R. 17W K.B. ELEV. 1236.38

| DATE 1956 | CORE BARREL MAKE | CORE BARREL SIZE | FROM | TO | RECOVERY FEET | RECOVERY % | BHALE | SAND | SHELL | OIL SAND | DESCRIPTION NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES | F/D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/4 | Mercury | 6" | | | | | | | | | | |
| | Core No. | 1 | 11580 | 11601 | 21 | 100 | | | 1.0 | | Light gray sandstone shell, hard, finely grained. Good sorting. No stain or odor. | F |
| | | | | | | | | | | 4.0 | Oil sand, light brown on top graduating to dark gray on bottom. Medium hard, finely grained. Silty, micaceous. Fair stain, poor odor. | |
| | | | | | | | | | | 2.0 | Oil sand, light brown, medium hard, finely grained. Good sorting. Poker chip parting. Good stain, poor odor. | |
| | | | | | | | 2.0 | | | | Siltstone, light to dark gray, very hard. Laminated with thin streaks of siltstone and shale. Dips 80°. | |
| | | | | | | | | | | 11.5 | Oil sand, dark gray, medium hard, finely grained. Tight. Good sorting on top to poor on bottom. Bottom 2' laminated with gray sand at near vertical angle. | |
| | | | | | | | 0.5 | | | | Siltstone as 2.0' above. Dips 80°. | |
| 11/5 | Core No. | 2 | 11601 | 11627 | 26 | 100 | | | | 7.0 | Dark gray oil sand, medium hard, finely grained. Tight. Poor permeability and porosity. Good sorting. Poor stain, cut and odor. | F |
| | | | | | | | | 1.0 | | | Gray sand, medium hard, finely grained. Poor permeability and porosity. Good sorting. No stain, cut or odor. | |
| | | | | | | | 1.0 | | | x | Shale, dark gray, hard, interbedded with thin streaks of oil sand as above. | |
| | | | | | | | | 1.0 | | | Dark gray, sandy, pebbly conglomerate. Medium hard, finely grained. Pebbles to 1/8". Poor permeability and porosity. No stain. | |
| | | | | | | | | | | 11.0 | Oil sand as 7.0' above. | |
| | | | | | | | 5.0 | | | | Shale, dark gray, medium hard to hard, laminated with siltstone. Dips 75° to 79°. Slickensides, fractures. Broken. | |
| 11/22 | Core No. | 3 | 11699 | 11706 | 7 | 100 | 7.0 | | | | Siltstone and shale, dark gray, laminated, hard to | F |

DIVISION OF OIL AND GAS RECEIVED APR 11 1957 LOS ANGELES, CALIFORNIA

INSTRUCTIONS. Show amounts in ft. and tenths of ft. to nearest 0.5 ft.; use lesser divisions only for formations of particular significance, such as "0.2 ft. oil sand" or "0.3 ft. Bentonite." Show silt and siltstone under shale. Siltstone means definitely impervious shale-like material but silty and/or sdy. in texture. "s" in oil sand column means streaks or spots of oil. Make note of any apparent reason for poor condition or recovery. Tests cores for gas and record results. Record dips of beds, fractures, joints, slickensides, etc. Indicate by "F" or "D" in column at right if core was fresh or dry when described. Indicate author by initials, followe by date des if other than date of core.

ABBREVIATIONS. COLOR: Bf Buff, Blk Black, Blu Blue, Br Brown, Gy Gray, Gn Green, Choc Chocolate, Dk Dark, Lt Light, Ol Olive, Pur Purple, R Red, T Tan, Wh White.

HARDNESS: Frm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.

TEXTURE: C or Cse Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shly Shaley, V Very.

SORTING: E Even, G Good, P Poor, F Fair.

MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Con nglomerate, Fos Fossils/Fossiliferous, Mic Micaceous, S S Sandstone.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

THIS NOTICE MUST BE GIVEN BEFORE WORK BEGINS; ONE COPY ONLY

Newhall Calif. March 4, 1961

DIVISION OF OIL AND GAS

Inglewood Calif.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening~~, redrilling, plugging or altering casing at Well No. Rancho San Francisco #140-1D, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

(CROSS OUT UNNECESSARY WORDS)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. ~~Total depth.~~ 12,158'

2. Complete casing record.
See attached sheet.

3. Last produced. Sept. 1959 (DATE) 19 ~~XXXXXX~~ Water - (GRAVITY) 100% (CUT)

The proposed work is as follows:

1. Fill hole with clay base mud.
2. Lay 200' cement plug with drill pipe hung at 7100'.
3. Lay 175' cement plug with drill pipe hung at 5875'.
4. Mill window in 7" casing 5705' to 5735'.
5. Lay sand-cement plug 5705' to 5740'. Drill out cement to 5720'.
6. Directionally drill 5720' to 7050'.
7. Hang 5" 15# N-80 liner at 7050' with top of hanger at 5500'.
8. Cement liner from 5500' to 7050'.
9. Test liner lap for shut off.

SUNRAY MID CONTINENT OIL COMPANY
(NAME OF OPERATOR)

By J. McDonald Agent

(Continued)

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

JNRAY MID-CONTINENT OIL COMI .NY
California District

DIVISION OF OIL AND GAS
RECEIVED
FEB 1 9 1960
INGLEWOOD, CALIFORNIA

# WELL SUMMARY REPORT

RECOMPLETION

Field Newhall - Potrero

*Well No. Rancho San Francisco #140-1D, Sec 27, T 4, R 17W, S.B. B. & M.

Location 3070.11' South and 2226.23 East From Corner "J"

Elevation of K.B. above sea level 1236.38' .

K.B. above ~~Ground~~ Concrete Mat ~~15.00~~ .

Date February 4, 1960

Signed J O McDonald

Contractor California Production Service, Inc.
Type Rig "D" 96' Hopper Mast
Commenced ~~Recompletion~~ ~~9-1-59~~ (Date)

Completed ~~Recompletion~~ ~~9-3-59~~ (Date)

## WELL CONDITIONS PRIOR TO WORK

Total Depth 12158' Plugged Depth 7700'

See Attached Sheet

## WELL CONDITIONS AFTER WORK

Total Depth 12158' Plugged Depth 7700'

See Attached Sheet

DIVISION OF OIL AND GAS
RECEIVED
FEB 29 1960
INGLEWOOD, CALIFORNIA

Commenced Producing ~~September 4, 1959~~ (Date) Flowing/gas lift/pumping

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casin Press |
|---|---|---|---|---|---|---|
| Initial production | | | | | | |
| Production after _____ days | | | | | | |

Electrical Log Depths *Note: Wash oil not paid back. (Attach copy of Log)

WELL SUMMARY REPORT

DIVISION OF OIL AND GAS
RECEIVED
FEB 29 1960
INGLEWOOD, CALIFORNIA



## WELL CONDITIONS PRIOR TO WORK

11 3/4" 47# J-55 ST&C Csg. Cmtd. @ 717' w/425 Sx.
7" 23#, 26#, 29#, J-55, N-80, P-110, LT&C, X-Line Csg. Cmtd. @ 11469' w/650 Sx.
5 1/2" 17# J-55 Flush Joint Liner Hung @ 12148', w/top of hanger @ 11433' Liner perforated w/192 - 1/4" round holes per foot: 11455' - 11698'; 11772' - 11959'; 12033' - 12109'.
4 - 1/2" bullet holes @ 6989' - W.S.O.
4 - 1/2" bullet holes @ 6990' - Squeezed w/105 Sx.
4 - 1/2" bullet holes per foot from 7001' - 7047'.
4 - 1/2" bullet holes @ 7058' - Squeezed w/130 Sx.
4 - 1/2" bullet holes @ 7059' - W.S.O.
4 - 1/2" bullet holes @ 7060' - Squeezed w/108 Sx.
8 - 1/2" bullet holes from 7710½ to 7712' - Squeezed w/279 Sx.
Bad casing 9787½ - 9788½' - Squeezed w/325 Sx.
4 - 3/8" holes @ 11432' - W.S.O.
Cast Iron Retainer @ 7700'
Cement Plug 7700' - 7712'.
Cement Plug 7750' - 7950'
Cement Plug 11328' - 12115'.

16" hole to 717'
10 5/8" hole to 730'
9 7/8" hole to 11574'
6" hole to 12158

## WELL CONDITIONS AFTER WORK

11 3/4" 47# J-55 ST&C Csg. cmt'd @ 717' w/4[illegible] Sx.
7" 23#, 26#, 29#, J-55, N-80, P-110, LT&C, X-Line Csg. Cmt'd @ 11469' w/650 Sx.
5 1/2" 17#, J-55 Flush Joint Liner Hung @ 12148' w/top of hanger @ 11433', Liner perforated w/192 - 1/4" round holes per foot: 11455' - 11698'; 11772' - 11959'; 12033' - 12109'.
4 - 1/2" bullet holes @ 6989' - W.S.O.
4 - 1/2" bullet holes @ 6990' - Squeeze[illegible] w/105 Sx.
4 - 1/2" bullet holes per foot from 700[illegible] to 7047'.
6 - 1" bullet holes @ 7005', 7012', 70[illegible] 7023', 702[illegible]', and 7037'.
4 - 1/2" bullet holes @ 7058' - Squeeze[illegible] w/130 Sx.
4 - 1/2" bullet holes @ 7059' - W.S.[illegible]
4 - 1/2" bullet holes @ 7060' - Squeezed w/108 Sx.
8 - 1/2" bullet holes from 7710½' to 7712' - Squeezed w/ 279 Sx.
Bad casing 9787½' - 9788½' - Squeezed w/325 Sx.
4 - 3/8" holes @ 11432' - W.S.O.
Cast Iron Retainer @ 7700'
Cement Plug 7700' - 7712'
Cement Plug 7750' - 7950'
Cement Plug 11328' - 12115'

16" hole to 717'
10 5/8" hole to 730'
9 7/8" hole to 11574'
6" hole to 12158'

FORM 107. 50672 9-51 15M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
AUG 1 1959
INGLEWOOD, CALIFORNIA

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles Calif. August 18 19 59

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. Rancho San Francisco "140-1D"
(Cross out unnecessary words)

_____, Sec. 27, T. 4 N, R. 17 W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 12,158'

2. Complete casing record.

See attached sheet

3. Last produced. 7-16-59 (Date) - (Net Oil) - (Gravity) 100% (Cut)

The proposed work is as follows:

1. Spot 50 CF salt water with Surfactant across 1D Sand.

2. Run Welex Formation Fracturing Tool.
   a. Shoot 1½" bullet holes at 7037', 7028', 7023', 7018', 7012', 7005'

| MAP | BOOK | CARDS | BOND | FORMS 114 | 121 |
|---|---|---|---|---|---|
| | | | | | |

Sunray Mid-Continent Oil Company
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL AND GAS
RECEIVED
JUN 12 1959
INGLEWOOD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles, Calif. June 9, 1959

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling,~~ plugging or altering casing at Well No. "Rancho San Francisco" 140-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 12,158'

2. Complete casing record.

11 3/4" 47# J-55 casing cemented at 717' with 425 sacks.
7" 23#, 26#, 29#, J-55, N-80, P-110 casing cemented at 11,469' with 650 sacks.
5 1/2" 17# J-55 liner hung at 12,148' with top of hanger at 11,433'. Liner perforated with 192 - 1/4" round holes per foot from 11,455' to 11,698'; 11,772' to 11,959'; 12,033' to 12,109'. Bad casing from 9787 1/2' to 9788 1/2' - squeezed with 325 sacks. Four 3/8" holes at 11,432' - W.S.O.

3. Last produced. JULY 1958 (Date) 0 (Net Oil) - (Gravity) 100% (Cut)

The proposed work is as follows:

SEE ATTACHED SHEET.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED
AUG 20 1956
LOS ANGELES, CALIFORNIA

037-12893

# DIVISION OF OIL AND GAS
## Notice of Intention to Drill New Well

6

This notice and surety bond must be filed before drilling begins

Los Angeles, Calif. July 14, 1956

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 140-7 Sec. 27, T. 4 N, R. 17 W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of -- acres, is as follows: (Attach map or plat to scale)

MAP ALREADY FURNISHED

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 3070.11 feet South (Direction) along ~~section~~ property line and 2226.23 feet East (Direction) at right angles to said line from ~~the~~ Corner "J" ~~corner~~ of ~~section~~ property Rancho San Francisco.

Elevation of ground above sea level 1221.38 feet ____ datum.

All depth measurements taken from top of kelly bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 15.0 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 11-3/4" | 47# | J-55 | Surface | 700' | 700' |
| 7" | 23#-26# 29# | J-55, N-80 P-110 | Surface | 11,375' | 11,375' |
| 5-1/2" | 17# | J-55 | 11,365' | 12,255 | Hung |

Intended zone or zones of completion: 7th Zone (Name) Top - 11,375'; Bottom - 12,225' (Depth, top and bottom)

Estimated total depth 12,255'

| MAP | MAP BOOK | CARDS | COND | FORMS 114 | FORMS [illegible] |
|---|---|---|---|---|---|
| 18A ah | ah | | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard
Los Angeles 15, California
Telephone Number RIchmond 8-5171

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)
By O. A. Graybeal
O. A. Graybeal, Agent

Type of Organization (Corporation, Partnership, Individual, etc.)

LEE & NO [illegible] 142
MAP [illegible]

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| ATTENTION | Permit W/F | Abandon | | | | |
| NOTICE DATED | 1-15-79 | 11-22-95 | | | | |
| P-REPORT NUMBER | 279-35 | P295-264 | | | | |
| CHECKED BY/DATE | | SPM 1-4-96 | | | | |
| MAP LETTER DATED | 9-22-79 | 1-6-96 | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 1-17-79 | | 11-29-95 | | | | | | | | | |
| HISTORY | 9-13-79 | | 3-11-96 | | | | | | | | | |
| SUMMARY | 9-18-79 | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| OTHER R/A Survey | 2/13/79 | | | | | | | | | | | |
| RECORDS COMPLETE | | | 3-11-96 | SPM | | | | | | | | |

ENGINEERING CHECK

T-REPORTS
OPERATOR'S NAME
WELL DESIGNATION
LOC & ELEV
SIGNATURE
SURFACE INSPECTION ✓
FINAL LETTER OK

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: R/A Survey chart rec'd 6/19/79

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

November 6, 2002

Bradford A. DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Hwy.
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 142,

A.P.I. No. 03712895, Section 27, T. 4N, R. 17W, SB B. & M.,

Newhall Potrero field, Los Angeles Cou

dated March 8, 1996, received March 11, 1996, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 10, 1996.

2. Site inspection made and approved February 5, 1996.

**Issuance was this report was delayed because of a Division oversight**

Kenneth P. Henderson
*Acting State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

**OG159** (4/98)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator Medallion California Properties Co. Field Newhall Potrero County Los Angeles
Well "Rancho San Francisco" #142, Sec 27, T 4N, R 17W, B. B.& M.
A.P.I. No 037-12895 Name Claude D. Fiddler (Person submitting report) Title Engineer/Agent (President, Secretary or Agent)
Date March 8, 1996

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial produCTion data.

| Date | |
|---|---|
| 11-9-95 | MIRU service unit. N/D tree. R/U pulling equipment - pulled and laid down 10 joints 2-7/8" tubing. R/D BOPE, R/U tree SIW. |
| 12-4-95 | MIRU coil tubing unit with equivalent Class II BOPE. RIH w/CT tagged down at 12,438', mixed and pumped 68 sxs Class "G" cement. Laid plug 12,438' to 11,800'. Pulled CT up to 10,000'. SIWFN. |
| 12-5-95 | Lowered coil tubing to 11,825' and tagged cement. Tag witnessed by F. Neese DOGGR. Mixed and pumped 420 bbls 9.6 ppg mud. Top of mud 800'. POOH. R/D CT unit. SIW. |
| 12-6-95 | Rig up KFE perforators RIH to 800' made cavity shot. POOH. RIH to 100' shot eight ½" holes. POOH, R/D perforators. MIRU CT unit RIH to 800' mixed and pumped 38 sxs of Class "G" cement, laid plug 800' to 600'. POOH. SIWFN. |
| 12-7-95 | RIH w/CT tagged plug at 668'. Tag witnessed by F. Neese DOGGR. Spotted 22 bbl 9.6 ppg mud from 668' to 100'. POOH, RDMO CT unit. SIW. |
| 12-11-95 | MIRU cement unit, established circulation down 7" casing and up 7" x 13-3/8" annulus, pumped 51 sx cmt. Got retuirns to surface in 7" x 13-3/8"annulus. Operation witnessed by F. Neese DOGGR. |
| 1-10-96 | F. Neese, DOGGR. made inspection of surface plug. |
| 2-5-96 | Mark Davis, DOGGR, inspected location and final abandonment of well. |

RECEIVED
MAR 1 1 1996
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T295-204

# Report on Operations

James R. Weddle, Agent
Medallion CA Properties
1400 Easton Dr., #133
Bakersfield, CA 93309

Ventura, California
December 13, 1995

Your operations at well "Rancho San Francisco" 142, API No. 037-12895, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 12-11-95. Fariba Neese, representative of the supervisor, was present from 1000 to 1230. There were also present Von Fortenbury, Medallion CA Properties, Rep.

Present condition of well: 13 3/8" cem 597'; 7" cem 12,177', perf 100', cavity shot @ 800'; WSO @ 12,155'. 5 1/2" ld 12,148'-12,526', perfs 12,169'-12,525'. TD 12,647'. Plugged w/cem 12,647'-12,528', 12,438'-11,825', 800'-668', 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

svl

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

500/ED
7th-WE

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS OGD114 | FORMS OGD121 |
| ✓ | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well RANCHO SAN FRANCISCO #142, API No. 03712895, Sec. 27, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County. commencing work on DECEMBER 1, 1995.

The present condition of the well is:

1. Total depth 12,647'
2. Complete casing record, including plugs and perforations (present hole) 13 3/8" CMTD AT 597'
   7" 23#-26#-29# CMTD AT 12,177'
   5 1/2" 17# LINER HUNG 12,148' TO 12,528'
   PERFORATED 12,169'—12,525' 192 1/4" HPF
3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   or

4. Last injected UNKNOWN — PRE 1991 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of fresh water sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

SEE ATTACHED ABANDONMENT PROGRAM.

RECEIVED
NOV 29 1995
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1400 EASTON DR. #133 (Street)
BAKERSFIELD (City) CA (State) 93309 (Zip)
Telephone Number (805) 395-3029 (Area Code) (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By CLAUDE D. FIDDLER (Print Name)
Claude D. Fiddler (Signature) 11-22-95 (Date)

OG108 (10/85/DWRR/5M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 18 1979
SANTA PAULA, CALIFORNIA

API No. 037-128

# WELL SUMMARY REPORT

| | |
|---|---|
| Operator | SUN OIL COMPANY (DELAWARE) |
| Well | RANCHO SAN FRANCISCO #142 |
| Field | NEWHALL-POTRERO |
| County | LOS ANGELES |
| Sec. | 27 |
| T. | 4N |
| R. | 17W |
| B.& | SB |
| Location (Give surface location from property or section corner, street center line and/or California coordinates) | 1037.79' South & 4046.27' East from cor. 'J'. |
| Elevation of ground above sea l | 1003.31' |
| Commenced drilling (date) | 3-25-79 |
| Completed drilling (date) | |
| Total depth (1st hole) | 12647' |
| Total depth (2nd) | |
| Total depth (3rd) | |
| Present effective depth | 12526 PBTD |
| Junk | NONE |
| Depth measurements taken from top of: | ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing Which is 15' feet above ground |
| Commenced producing (date) | N/A ☐ Flowing ☐ Pumping ☐ Gas lift Injector |
| Name of producing zone(s) | SEVENTH ZONE |
| Formation and age at total depth | MODELO, MIOCENE @ 12,526 PBTD |

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| TOP 7A | 12100 (-1101 |
| TOP 7B | 12229 (-1114 |

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressu |
|---|---|---|---|---|---|---|
| Initial Production | Inj. Well | --- | --- | --- | --- | --- |
| Production After 30 days | Inj. Well | --- | --- | --- | --- | -- |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cemen (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 13-3/8" | Surface | 597' | 54.5# | J-55 | New | 17½" | 425 Sks | |
| 7" | Surface | 12177' | 23, 26, 29# | N-80 & P 110 | New | 12¼" | 600 Sks | |
| 5½" | 12,148 | 12526' | 17# | J-55 F. J. Lnr. | New | 11" | G. Pkd. | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

5½" csg perfed with ¼" HPF 12,169-12,525'

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

Electrical log depths
597'-12,647' (Prior Records)

Other surveys
N/A

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of present condition of the well and all work done thereon, so far as can be determined from all available records.

| | |
|---|---|
| Name | JACK ANDREWS |
| Title | DISTRICT ENGINEER |
| Address | 23928 LYONS AVENUE |
| City | NEWHALL, CALIFORNIA |
| Zip Code | 91321 |
| Telephone Number | (805) 259-2440 |
| Signature | Jack Andrews/by RC |
| Date | 9/17/79 SEP 17 197 |

100 (12-76-GSRI-12M)

SUBMIT IN DUPLICA

JNRAY MID-CONTINENT OIL CON NY
California District

DIVISION OF OIL AND GAS
RECEIVED
OCT 14 1957
LOS ANGELES, CALIFORNIA

# WELL SUMMARY REPORT

NEW WELL

Field Newhall-Potrero, Los Angeles County

*Well No. "Rancho San Francisco" 142-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M.

Location 1037.79' South and 4046.27' East from Corner "J"

Elevation of K.B. above sea level 1003.31'.

K.B. above ~~Concrete Mat~~ Ground 15.00'.

Date September 30, 1957

Signed O. A. Graybeal
O. A. Graybeal, Agent

Contractor Loffland Bros. Co.
Type Rig Unit Rig U30
Commenced drilling : December 20, 1956 (Date)

Completed drilling : May 2, 1957 (Date)

## WELL CONDITIONS PRIOR TO WORK

Total Depth - Plugged Depth -

NEW WELL

## WELL CONDITIONS AFTER WORK

Total Depth 12,647' Plugged Depth 12,528'

13 3/8" 54.5# J-55 csg. C. @ 597' w/425 sx.
7" 23#, 26#, 29#, N-80 & P-110 csg. C. @ 12,177' w/600 sx.
Four 3/8" holes @ 12,155' - W.S.O.
5 1/2" 17# J-55 F.J. Liner H. @ 12,526'; top 12,148'.
Perf. w/192 - 1/4" rd. holes/ft. from 12,169'-12,525'.

Cement plug from 12,528'-12,647'.
Permanent production packer @ 12,119'.

17 1/2" hole to 595'.
12 1/4" hole to 3850'.
11" hole to 11,357'.
10 5/8" hole to 12,202'.
6" hole to 12,647' total depth.

Commenced Producing May 3, 1957 (Date) ~~Flowing~~/gas lift/~~pumping~~

| | Clean Oil Bbls. per day | Gravity Clean Oil | Per Cent Water Incl. Emulsion | Gas Mcf. per day | Tubing Pressure | Casin Pressu |
|---|---|---|---|---|---|---|
| Initial production 5/6/57 | 47 | 25.6° | 49.5% | 111 | 220 | 680 |
| Production after 21 days | 27 | 25.0° | 50.0% | 58 | 150 | 680 |

Electrical Log Depths 597' to 12,647' (Attach copy of Log)

WELL SUMMARY REPORT

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED
DEC 6 1956
LOS ANGELES, CALIFORNIA

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

037-12895

Los Angeles, Calif. December 3, 1956

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 142-7, Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of _____ acres, is as follows: _____ (Attach map or plat to scale)

MAP ALREADY FURNISHED.

Do mineral and surface leases coincide? Yes X No _____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1037.79 feet South (Direction) along ~~property~~ section line and 4046.27 feet East (Direction)

at right angles to said line from ~~the~~ Corner "J" ~~corner~~ of ~~section~~ property

Elevation of ground above sea level 988.31 feet _____ datum.

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 15.00 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13-3/8" | 54.5# | J-55 Smls. | Surface | 600' | 600' |
| 7" | 23#, 26# 29# | J-55, N-80 P-110 | Surface | 12,180' | 12,180' |
| 5-1/2" | 18# | J-55 | 12,170' | 12,700' | None |

Intended zone or zones of completion: Seventh (Name) 12,180' - 12,670' (Depth, top and bottom)

Estimated total depth 12,700'

| MAP | [illegible] | | | FORMS 114 | 121 |
|---|---|---|---|---|---|
| 18A. A.H. 12-7-56 | A.H. 12-7-56 | EB | [illegible] | EB | EB |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard
Los Angeles 15, California

Telephone Number RIchmond 8-5171

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Graybeal
O. A. Graybeal, Agent

Type of Organization (Corporation, Partnership, Individual, etc.)

DWJ

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

April 30, 1996

James R. Weddle, Agent
Medallion CA Properties Co.
1400 Easton Dr., # 133
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 145, A.P.I. No. 037-12898, Section 27, T. 4N, R. 17W, S.B. B.& M., Newhall Potrero field, Los Angeles County, dated 3-8-96, received 3-11-96, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

svl

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

Modified OG159 (1/94)

OPERATOR Sun Explor & Prod Co.
WELL NO. Rancho San Francisco 145
MAP

| | | | | | | |
|---|---|---|---|---|---|---|
| ATTENTION | Drill | Conv to WF | Abandon | | | |
| OFFICE DATED | 7-12-57 | 1-25-84 | 11-22-95 | | | |
| REPORT NUMBER | | | P 295-266 | | | |
| CHECKED BY/DATE | | | SPM 1-4-96 | | | |
| LETTER DATED | | pmc 8/17/85 | 1-6-96 | | | |
| [illegible] | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 7-12-57 | | 2-3-84 | | 11-29-95 | | | | | | |
| [illegible] | | | 5-1-84 | | 3-11-96 | | | | | | |
| SUMMARY | | | 5-1-84 | | | | | | | | |
| [illegible] | | | | | | | | | | | |
| [illegible] LOG | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | |
| Neutron Log 11,740-12305 | | ✓ | | | | | | | | | |
| Step Cal | | | 44-85 | | | | | | | | |
| R/A Survey | | | 8-13-84 | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | ✓ | | | |
| OPERATOR'S NAME | | | ✓ | | | |
| WELL NO. | | | ✓ | | | |
| LOC & ELEV | | | ✓ | | | |
| SIGNATURE | | | ✓ | | | |
| SURFACE INSP. | | MO 5/2/96 | MO 5/2/96 | | | |
| DRILL CARD | | | | | | |
| RECORD'S COMPLETE | | pmc 8/17/85 | SPM 4-26-96 | | | |

FINAL LETTER CK
MAILED

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

RELEASED BOND

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator Medallion California Properties Co. Field Newhall Potrero County Los Angeles
Well "Rancho San Francisco" #145, Sec 27, T 4N, R 17W, S.B. B.& M.
A.P.I. No 037-12898 Name Claude D. Fiddler (Person submitting report) Title Engineer/Agent (President, Secretary or Agent)
Date March 8, 1996

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 11-9-95 | MIRU well servicing rig. N/D production tree, R/U tubing pulling equipment. Pulled and laid down 10 joints of 2-7/8" tubing. R/D well servicing unit, R/U production tree. SIW. |
| 12-4-95 | MIRU coil tubing unit with Class II BOPE. RIH w /1-1/4" CT tagged down at 12,226' (TD = 12,305'). Steve Mulqueen, DOGGR, approved plug from 12,226'. Mixed and pumped 136 $ft^3$ of Class "G" cement w/40% silica flour laid plug 12,226' to 11,415'. POOH, R/D CT unit SIW. |
| 12-5-95 | MIRU CT unit, RIH w/1-1/4" tubing tagged plug at 11,433' (in 7" casing). Tag witnessed by F. Neese, DOGGR. SIWFN. |
| 12-6-95 | Spotted 405 BBLS 9.6 PPG mud from 11,433' to 800'. POOH. Rig perforators, made cavity shot at 800', shot 8½" holes at 100'. R/D perforators. RIH w/CT to 800' pumped 43 $ft^3$ of Class "G" cement, balanced plug from 800' to 600'. POOH, RDMO CT unit. SIW. |
| 12-7-95 | MIRU CT unit, RIH tagged cement at 625'. Tag witnessed by F. Neese, DOGGR. Spotted 20 BBLS 9.6 PPG mud from 625' to 100'. RDMO. SIW. |
| 12-11-95 | MIRU cement unit. Establish circulation w/7"x11-3/4" annulus, pumped total 39 sxs cement down 7" casing with returns to surface in 7' x 11-3/4" annulus after 4.4 BBLS pumped. Closed in annulus, pumped 13 sxs down 7". Closed in 7" and squeezed 24 sxs cement down 7" x 11-3/4" annulus. F. Neese, DOGGR, witnessed operation. RDMO. |
| 1-10-96 | F. Neese, DOGGR, made inspection of surface plug. |
| 2-5-96 | M. Davis, DOGGR, made inspection of location cleanup and final abandonment of well. |

RECEIVED
MAR 1 1 1996
DIVISION OF OIL, GAS AND
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T295-202

# Report on Operations

James R. Weddle, Agent
Medallion CA Properties
1400 Easton Dr., #133
Bakersfield, CA 93309

Ventura, California
December 13, 1995

Your operations at well "Rancho San Francisco" 145, API No. 037-12898, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 12-11-95. Fariba Neese, representative of the supervisor, was present from 1300 to 1600. There were also present Von Fortenbury, Medallion CA Properties, Rep.

Present condition of well: 11 3/4" cem 626'; 7" cem 11,778', perfs 100', cavity shot @ 800'; WSO @ 11,744'. 5 1/2" ld 11,746'-12,303', perfs 11,700'-11,869', 11,910'-12,137', 12,215'-12,302'. TD 12,305'. Plugged w/cem 12,226'-11,433', 800'-625', 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

svl

William F. Guerard, Jr.
State Oil and Gas Supervisor

By

Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

500/00
7th-ED

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS OGD114 | FORMS OGD121 |
| ✓ | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well RANCHO SAN FRANCISCO #145, API No. 03712898, Sec. 27, T. 4N, R. 17W, SB B. & M., NEWHALL-POTRERO Field, LOS ANGELES County. commencing work on DECEMBER 1, 1995.

The present condition of the well is:

1. Total depth 12,303'
2. Complete casing record, including plugs and perforations (present hole) 11 3/4" CMTD AT 625'
   7" 23#-26#-29#-32# CMTD AT 11,778'
   5 1/2" LINER HUNG 11,746' TO 12,303'
   WSO AT 11,744'
3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   or

4. Last injected UNKNOWN — PRE 1991 (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of fresh water sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

5 1/2" LINER SHOP PERFORATED
WITH 192 1/4" RD HOLES/FT
11,770' TO 12,303'

RECEIVED
NOV 29 1995
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURC
VENTURA, CALIFORNIA

SEE ATTACHED ABANDONMENT PROGRAM.

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1400 EASTON DR #133 (Street)
BAKERSFIELD (City) CA (State) 93309 (Zip)
Telephone Number (805) 395-3029 (Area Code) (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By CLAUDE D. FIDDLER (Print Name)
Claude D. Fiddler (Signature) (Date)

OG108 (10/85/DWRR/5M)

Proposed Abandonment Program
Rancho San Francisco Well #145
Newhall-Potrero Field, Los Angeles County

1. RU Coil Tubing Unit (CTU), install BOPE, RIH and lay a Class "G" cement plug from 12,303 FT to 11,644 FT. Tag cement plug, DOGGR may witness tag. Fill 7" casing with 72# clay base mud from 11,644 FT to 800 FT.

2. RU perforators, RIH with cavity shot gear to 800 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing and set Class "G" cement plug from 800 FT to 700 FT. Tag top of plug. DOGGR may witness tag.

3. Fill 7" casing with 72# clay base mud from 700 FT to 100 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 100 FT. RD perforators. Circulate surface plug into 7" X 11 3/4" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate.

RECEIVED
NOV 29 1995
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURC
VENTURA, CALIFORNIA

11-22-95

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 284-131

# DIVISION OF OIL AND GAS

## Report on Operations

Mr. Stanley W. Blossom, Agent
Sun Exploration & Production Co.
Box 55060
Valencia, CA 91355

Santa Paula, Calif.
Aug. 14, 1984

Your operations at well "Rancho San Francisco" 145, API No. 037-12898, Sec. 27, T. 4N, R. 17W, SB B.& M. Newhall-Potrero Field, in Los Angeles County, were witnessed on 8/13/84. M. Kratovil, representative of the supervisor, was present from 1115 to 1200. There were also present Rick Orens, Sun Production Engineer

Present condition of well: 11 3/4" cem 626'; 7" cem 11778', perf 11745', WSO; 5 1/2" ld 11746-12303', perf 11800-11869', 11910-12137', and 12215-12302'. TD 12305'.

The operations were performed for the purpose of demonstrating that the injected fluid is confined to strata below 11721'.

DECISION:

THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 11721' AT THIS TIME.

b

M. G. MEFFERD

Murray W. Bosch

Murray W. Bosch

OG109 (9/83/GSR1/15M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY - 1 1984
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION Field or County Newhall-Potrero
Well Rancho San Francisco #145, Sec. 27, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-12898 Name STAN W. BLOSSOM (Person submitting report) Title Agent (President, Secretary or Agent)
Date 4-27, 1984

Signature Stanley W. Blossom

Box 55060, Valencia, California 91355-0560 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date 1984 | |
|---|---|
| 4/16 | 7" CSG @ 11,778/5½" LNR 11,746-12,303/PERFS 192 - ¼" RD HOLES/FT 11,700-11,869, 11,910-12,137 & 12,215-12,302/7TH ZONE/ MIRU CPS/BLEED WELL DN/REMOV TREE/INSTL BOE/POOH w GL STG/SIFN/ |
| 4/17 | MAKE FEELER RUN w SL & TAG FILL @ 12,294'/MU SEAL ASSY w LATCH/RU HYDRO TST/ TST TBG IN @ 5000 PSI/LAND TBG & SPACE WELL OUT/SIFN/ |
| 4/18 | UNSTAB FR PKR/CHG OVER TO FRESH WTR w/5 GAL EA OF XC-370 & K700/100 BBL/STAB INTO PKR w/20,000# TENSION/PRESS CSG TO 500 PSI - OK/INSTALL TREE/RDMO/FINAL REPORT/ |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

RECEIVED FEB 3 SANTA PAULA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

| FOR DIVISION USE ONLY | | |
|---|---|---|
| BOND | OGD114 | OGD121 |
| BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. RANCHO SAN FRANCISCO #145, API No. 037-12898, Sec. ~~26~~ 27, T. 4N, R. 17W, S.B.B. & M., NEWHALL-POTRERO Field, LOS ANGELES County.

The present condition of the well is as follows: PRODUCING

1. Total depth. TD 12305'

2. Complete casing record, including plugs and perforations:

SEE ATTACHMENT "A"

(Convert to waterflood)

3. Present producing zone name 7th Zone Zone in which well is to be recompleted SAME

4. Present zone pressure 2600# New zone pressure SAME

5. Last produced 9/83 (Date) 1 (Oil, B/D) 1 (Water, B/D) 17 (Gas, Mcf/D)

or

6. Last injected N/A (Date) ____ (Water, B/D) ____ (Gas, Mcf) ____ (Surface pressure, psig.)

The proposed work is as follows:

SEE ATTACHMENT "B"

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 W. RYE CANYON RD. (Street)
VALENCIA, CALIFORNIA 91355-0560 (City) (State) (Zip)
Telephone Number (805) 257-6200

SUN EXPLORATION & PRODUCTION CO. (Name of Operator)
By Stanley W. Bloomy (Name) 1-25-84 (Date)
Type of Organization CORPORATION (Corporation, Partnership, Individual, etc.)

(1-78-GSR1-15M)

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

DIVISION OF OIL AND GAS
RECEIVED
JUL 12 1957
LOS ANGELES, CALIFORNIA

037-12898

Los Angeles, Calif. July 12, 1957

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 145-7 Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County. W&P

Legal description of mineral right lease, consisting of ____ acres, is as follows: ____ (Attach map or plat to scale)

MAP ALREADY FURNISHED

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1149.80 feet South (Direction) along ~~section~~ property line and 4154.44 feet East (Direction) at right angles to said line from ~~the~~ Corner "J" ~~corner~~ of ~~section~~ property

Elevation of ground above sea level 988.46 feet ____ datum.
1338
1001.76

All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 13.30 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 11-3/4" | 47# | J-55 Smls. | Surface | 600' | 600' |
| 7" | 23#, 26# 29# | J-55, N-80, P-110, Smls. | Surface | 12,010' | 12,010' |
| 5-1/2" | 17# | J-55 | 12,000' | 12,315' | None |

Intended zone or zones of completion: Seventh Zone (Name) Top 12,010'; Bottom 12,285' (Depth, top and bottom)

Estimated total depth 12,315'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18 PW #1 | W&P | | | | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard
Los Angeles 15, California
Telephone Number RIchmond 8-5171
Type of Organization (Corporation, Partnership, Individual, etc.)

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)
By O. A. Graybeal
O. A. Graybeal, Agent

DIVISION OF OIL AND GAS
RECEIVED
DEC 3 1957
LOS ANGELES, CALIFORNIA



Date
1957
11/10 Cont. operated and seven retrievable fluid operated gas lift valves.

Changed over from black magic oil base mud to RSF lease crude oil inside out before landing tubing in packer.

11/11 Released rig at 3:00 am.

## PRODUCTION DATA

| Date 1957 | Gross | Cut | Net | Gravity | Bean | PRESSURE Tubing | PRESSURE Casing | GAS Gross | GAS Circ. | GAS Net | GOR | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | - | - | Used 523 bbls wash oil. |
| 11/10 | 341 | 2.0 | 334 | 33.2 | 48 | - | - | - | 256 | - | -- | Wash oil. |
| 11/11 | 800 | 10.1 | 719 | 27.0 | 48 | 230 | 1020 | 885 | 596 | 289 | 545 | 530 bbls. formation oi |
| 11/12 | 712 | 9.0 | 648 | 28.6 | 48 | 230 | 990 | 892 | 595 | 297 | 458 | |
| 11/13 | 643 | 6.0 | 604 | 28.8 | 48 | 240 | 950 | 925 | 635 | 290 | 480 | |
| 11/14 | 564 | 2.5 | 550 | 31.4 | 48 | 250 | 1020 | 732 | 458 | 274 | 498 | |
| 11/15 | 495 | 4.7 | 472 | 28.8 | 48 | 180 | 780 | 729 | 450 | 279 | 591 | |
| 11/16 | 614 | 8.0 | 565 | 28.6 | 48 | 250 | 930 | 900 | 660 | 240 | 424 | |
| 11/17 | 609 | 7.0 | 566 | 28.6 | 48 | 240 | 940 | 918 | 678 | 240 | 424 | |
| 11/18 | 557 | 7.5 | 515 | 28.0 | 48 | 280 | 1020 | 892 | 642 | 250 | 485 | |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

June 16, 2000

Bradford DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES CO.
5400 Rosedale Highway
Bakersfield, CA 93308

Your report of the plugging and abandonment of well "Rancho San Francisco" 146,

A.P.I. No. 037-12899, Section 27, T. 4N, R. 17W, SBB. & M.,

Newhhall Potrero field, Los Angeles County,

dated January 31, 2000, received February 23, 2000, has been

examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

**NOTES:** 1. Surface plugging completed on January 14, 2000.

2. Site inspection made and approved June 13, 2000.

tkc

William F. Guerard, Jr.
*State Oil and Gas Supervisor*

By
*(Signature of Deputy Supervisor)*

Patrick J. Kinnear
*(Typed Name of Deputy Supervisor)*

OG159 (4/98)

SCHLUMBERGER WELL SURVEYING CORPORATION

# Electrical Log

COUNTY LOS ANGELES
FIELD or LOCATION NEWHALL POTRERO 27 - 4N - 17W
WELL R S F NO. 146-7
COMPANY SUNRAY MID-CONTINENT OIL CO

MEDALLION CALIFORNIA PROPERTIES CO.

[redacted]

WELL R S F NO. 146-7
FIELD NEWHALL POTRERO
LOCATION 27 - 4N - 17W
037-12899 3
COUNTY LOS ANGELES
STATE CALIFORNIA

Other Surveys
DR

Location of Well
1716' S ALG SEC. LINE and 2177' E at R/A from COR. J

Elevation: D.F.:
K.B.: 1250
or G.L.:

FILING No.

DIVISION OF OIL AND GAS
RECEIVED
APR 4 1958
LOS ANGELES, CALIFORNIA

| RUN No. | 1 (ES) | 2 (IND) | | | |
|---|---|---|---|---|---|
| Date | 2-13-58 | 3-4-58 | | | |
| First Reading | 11137 | 11593 | | | |
| Last Reading | 602 | 11137 | | | |
| Feet Measured | 10535 | 456 | | | |
| Csg. Schlum. | 602 | 11092 | | | |
| Csg. Driller | 602 | 11090 | | | |
| Depth Reached | 11139 | 11598 | | | |
| Bottom Driller | 11140 | 11598 | | | |
| Depth Datum | KB | KB | | | |
| Mud Nat. | OIL EMUL | OIL BASE | | | |
| Dens. \| Visc. | 80 \| 57 | 485 \| 70 | | | |
| Mud Resist. | 1.4 @ 84 °F | - @ - °F | @ °F | @ °F | @ °F |
| " Res. BHT | .64 @ 182 °F | - @ 205 °F | @ °F | @ °F | @ °F |
| Rmf C | .4 @ 182 °F | - @ - °F | @ °F | @ °F | @ °F |
| Rmc C | .8 @ 182 °F | - @ - °F | @ °F | @ °F | @ °F |
| " pH | 10.2 @ 84 °F | - @ - °F | @ °F | @ °F | @ °F |
| " Wtr. Loss | 8.1 CC 30 min. | - CC 30 min. | CC 30 min. | CC 30 min. | CC 30 min. |
| Bit Size | 9 7/8 | 6 | | | |
| Spcgs.—AM | 16" | IND. | | | |
| AM | 64" | 40" | | | |

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

## History of Oil or Gas Well

Operator: Medallion California Properties Co. Field: Newhall-Potrero County: Los Angeles

Well: "Rancho San Francisco" 146 . Sec. 27 . T 4N . R 17W , S.B. B. & M.

A.P.I. No. 037-12899 Name: Bradford DeWitt (Person submitting report) Title: Agent (President, Secretary or Agent)

Date: January 31 , 20 00

Signature

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) (661) 635-0465 (Telephone Number)

History must be completed in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 12/11/99 | Move in, rig up, guy out. Open well and install B.O.P.E.. Remove donut and rig up equipment. Make up saw tooth collar and ally tubing. Run in hole with 240 joints tubing to 7,357.45′. Close in well. |
| 12/13/99 | Open well. Continue to run in hole with tubing to 10,965′, stack out. Pull out of hole, lay down 1 joint. Close in well. |
| 12/14/99 | Open well. Rig up pump, fill hole. Set tubing tail at 10,975′, well flow back oil filled vacuum truck. Haul oil to tank setting. Rig up vacuum truck, let well flow into vacuum truck, flow slowed down to 75 psi. Close in well. |
| 12/15/99 | Bleed off well. Mix and pump 132 ft³ 50/50 Poz with 4% gel, tubing at 10,960′. Pull 30 stands, pump 20 barrels of water for squeeze, unable to fill. Paul Crommiller, D.O.G.G.R. witnessed placement of squeeze cement and 20 barrels to fill, no squeeze pressure. Pull out of hole with 10 stands. Close in well. |
| 12/16/99 | Open well. Run in hole with tubing, tagged cement at 9,955′. Stephen Malqueen, D.O.G.G.R. witnessed. Make up kelly, pulled up to 9,932′. Clear tubing with water, fill hole. Rig up pump 110 barrels of mud from 9,955′ to 7,250′, displace with 35 barrels of water. Pull out of hole laying down tubing. Close in well. |
| 12/17/99 | Open well. Run in hole 14 stands. Pull out of hole laying down 150 joints total, 3 stands back. Set tubing tail at 7,060′, rig up wireline. Run in hole, shot holes at 7,250′. Pull out of hole with wireline. Run in hole with 3 stands, 1 joint tail at 7,250′. Rig up pump, pump 92 ft³ cement , displace of 39 barrels of water. Pulled 18 stands, pump 4½ barrels of water, down squeeze 1,800 psi. Close in well. |
| 12/18/99 | Open well. Run in hole with tubing, tagged cement at 7,081′. Paul Crommiller, D.O.G.G.R. witnessed bottom hole zone plug at 7,081′. Clear tubing with 5 barrels water. Pump 227 barrels mud, displace from 7,081′ to 1,100′, clear tubing with 5 barrels water. Pull out of hole, laying down tubing. Close in well. |
| 12/19/99 | Open well. Continue to pull out of hole, laying down pipe. Remove B.O.P.E. and land donut. Close in well. Rig down, move off. |
| 01/10/00 | Rig up wireline. Run in hole, shot holes from 1,100′ to 1,095′. Pull out of hole with wireline. |
| 01/11/00 | Move in, rig up coiled tubing unit and equipment. Run in hole to 1,100′, mix and pump 60 ft³ 50/50 Poz. Pull out of hole, down squeeze 4.75 barrels of water at 200 psi. Close in well. Rig down, move off. |

OG103

| | |
|---|---|
| 01/12/00 | Rig up wireline. Run in hole, shot casing perforations at 160'. Pull out of hole with wireline. |
| 01/14/00 | Move in, rig up coiled tubing unit and equipment. Run in hole, tag cement plug at 973', pump 31 barrels mud to 160'. Mix and pump 148 $ft^3$ 50/50 Poz from 160' to surface. Rig down, move off. Paul Crommiller, D.O.G.G.R. witnessed. |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. **T200-18**

# Report on Operations

Bradford A. DeWitt, Agent
MEDALLION CALIFORNIA PROPERTIES COMPANY
5400 Rosedale Hwy.
Bakersfield, CA. 93308

Ventura, California
January 28, 2000

Your operations at well **"Rancho San Francisco" 146,** API No. **037-12899,** Sec. **27,** T. **4N,** R.**17W,** S.B.B.&M. **Newhall Potrero** Field, in **Los Angeles** County, were witnessed on **1-14-2000. Paul Cronmiller,** representative of the supervisor, was present from **0900** to **1500.** There were also present **Richie McGowan & Alex Iwasiw.**

Present condition of well: **11 ¾" cem 602'; 7" cem 11,090' wso perf @ 10,978', perf @ 160', 1100' & 7250'; 5 ½" 11057'-11,596', perf 11,217'-11,429 & 11,488'-11,595'. TD 11,598'. Junk: packer @ 10,965. Plugged w/ 132 cf below 10,965', w/ cem 10,965'-9955', 7253'-7081', 1100'-973' & 160'-5'.**

The operations were performed for the purpose of abandonment.

DECISION:

**The plugging operations as witnessed and reported are approved.**

CBT

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 2000)

# PETROtech
Resources Company

Professional Technical Services
for the Petroleum Industry

Engineering, Operations, Property Valuations, Environmental, Geology

## FACSIMILE TRANSMITTAL SHEET

NOV 09 1999

Date: November 8, 1999

To: **Mr. Patrick Kinnear**
**Division of Oil, Gas and Geothermal Resources**

Fax: 805-654-4765

Pages: 1

27-4N-17W

CONFIDENTIALITY NOTICE: Unless otherwise indicated or obvious from the nature of the transmittal, the information contained in this facsimile message is privileged and confidential information intended for the use of the individual entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to PETROtech Resources Company at the address below via the U.S. Postal Service at our expense. Thank you.

## MESSAGE:

RSF

Per our telephone conversation today, Medallion plans to add a squeeze cement job at about 7,250 feet in Well #146 abandonment program. After Step 1 we propose the following:

(a) Fill 7" casing with 72# clay base mud to 7250 ft.
(b) RU perforators and perforate 7" casing with sufficient holes to effectively squeeze cement 7" casing x 9-7/8" hole annulus with 50/50 POZ mix w/35% silica flour and 4% gel to plug 7" casing x 9-7/8" hole annulus to 7150 ft. DOGGR to witness placement of cement, location, and hardness of 7" casing plug.
(c) Fill casing with 72# clay base mud from top of plug to 1100 ft.

Return to Step #2 of Proposed Abandonment Program dated 10/14/99.

Claude Fiddler

*Celebrating 10 Years of Excellence 1989 - 1999*
5400 Rosedale Highway • Bakersfield, CA 93308 • Tel 661.635.0465 Fax 661.635.0468

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P299-167

# PERMIT TO CONDUCT WELL OPERATIONS

500 (field code)
00 (area code)
— (new pool code)
40 (old pool code)

Bradford DeWitt, Agent
Medallion California Properties Co.
5400 Rosedale Highway
Bakersfield, California 93308

Ventura, California
October 20, 1999

Your _____ proposal to abandon well "Rancho San Francisco" 146, A.P.I. No. 037-12899 Sec. 27, T. 4N, R. 17W, SB B.&M., Newhall-Potrero field, ——— area, 7th pool Los Angeles County, dated 10/14/99 Receive 10/15/99 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 11,596'.
4. All portions of the well not plugged with cement are filled with an inert mud fluid having a minium density of 72 lbs./cu. ft. and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. Well site restoration is completed within 60 days following the plugging and abandonment of the well.
6. This office shall be consulted before deviating from the proposed abandonment program.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plug at 10,957'.
   b. To witness the mudding of the well.
   c. To witness the location and hardness of the cement plug at 1000'.
   d. To witness the placing of the surface plug in the 13-3/8" and in the 7" x 11-3/4" annuli.
   e. To inspect and approve the cleanup of the well site before approval of the abandonment will be issued.

DAVE KNOBB / S. MULQUEEN UNABLE TO GO PAST PACKER @ 10965! OK TO SQZ. CEM BELOW PACKER IF CIRCUL. EST. DOGGR TO WITNESS.
(MM (661) 589-9366)

3rd zone plug 2.

Blanket Bond
SAF:saf

Engineer Steven A. Fields

Phone (805) 654-4761

WILLIAM F. GUERARD, JR., State Oil and Gas Supervisor

By _____ Deputy Supervisor

**A copy of this permit and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

OG111 (6/96/GSR/5M) Printed on recycled paper.

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☐
BOND BB
OGD114 ☑
OGD121 ☑

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** "RANCHO SAN FRANCISCO" #146 **API No.** 03712899 **Sec.** 27 **T.** 4N **R.** 17W SB **B.&M.**

NEWHALL - POTRERO **Field** LOS ANGELES **County, starting work on** 10-25-99

***The present condition of the well is***

**1. Total depth:** 11,598 FT

**2. Complete casing record, with plugs and perforations (present hole):**

11 3/4" 47# J-55 CASING CMT'D @ 602 FT W/420 SX CMT - CMT TO SURFACE.
7" 23#, 26#, 29# & 32# J-55, N-80 & P-110 LT&C X LINE CMT'D @ 11,090 FT W/600 SX TOC EST @ 8483 FT. WELL FILE TOC = 8414 FT BAKER MODEL "D" PKR @ 10965 FT.

**3. Date last produced or injected:** MAY 1995

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

THIS WELL WAS A 7TH ZONE PRODUCTION WELL.

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**

☐ Yes ☒ No

**The proposed work is as follows:**

5 1/2" 17# J-55 FJ LINER HUNG @ 11,596 FT. TOL @ 11,057 FT. PERFORATED W/ 192 1/4" RD HPF 11,217 FT TO 11,429 FT AND 11,488 FT TO 11,595 FT.

RECEIVED
OCT 15 1999
DIV... GEO... ...CES
VENTURA CALIFORNIA

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 5400 RUSEDALE HIGHWAY (Street)
BAKERSFIELD (City) CA (State) 93308 (Zip)
Telephone Number (661) (Area Code) 635-0465 (Number)

MEDALLION CALIFORNIA PROPERTIES CO. (Name of Operator)
By C. D. FIDDLER (Print Name)
C. D. Fiddler (Signature) 10-14-99 (Date)

OG108 (8/97)

Proposed Abandonment Program
Rancho San Francisco Well # 146
Newhall-Potrero Field, Los Angeles County

1. RU Coil Tubing Unit (CTU), install Class II BOPE. RIH and lay a Class "G" cement plug in the 5 1/2" liner and 7" casing from 11,596 ft. to 10,957 ft. Tag cement plug. DOGGR to witness location and hardness of plug. Fill 7" casing with 72# clay based mud from 10,957 ft. to 1100 ft.

2 RU perforators, RIH with cavity shot gear to 1100 ft., make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1100 ft. to 1000 ft. Tag top of plug. DOGGR to witness location and hardness of plug.

3. Fill 7" casing with 72 # mud from 1000 ft. to 100 ft.

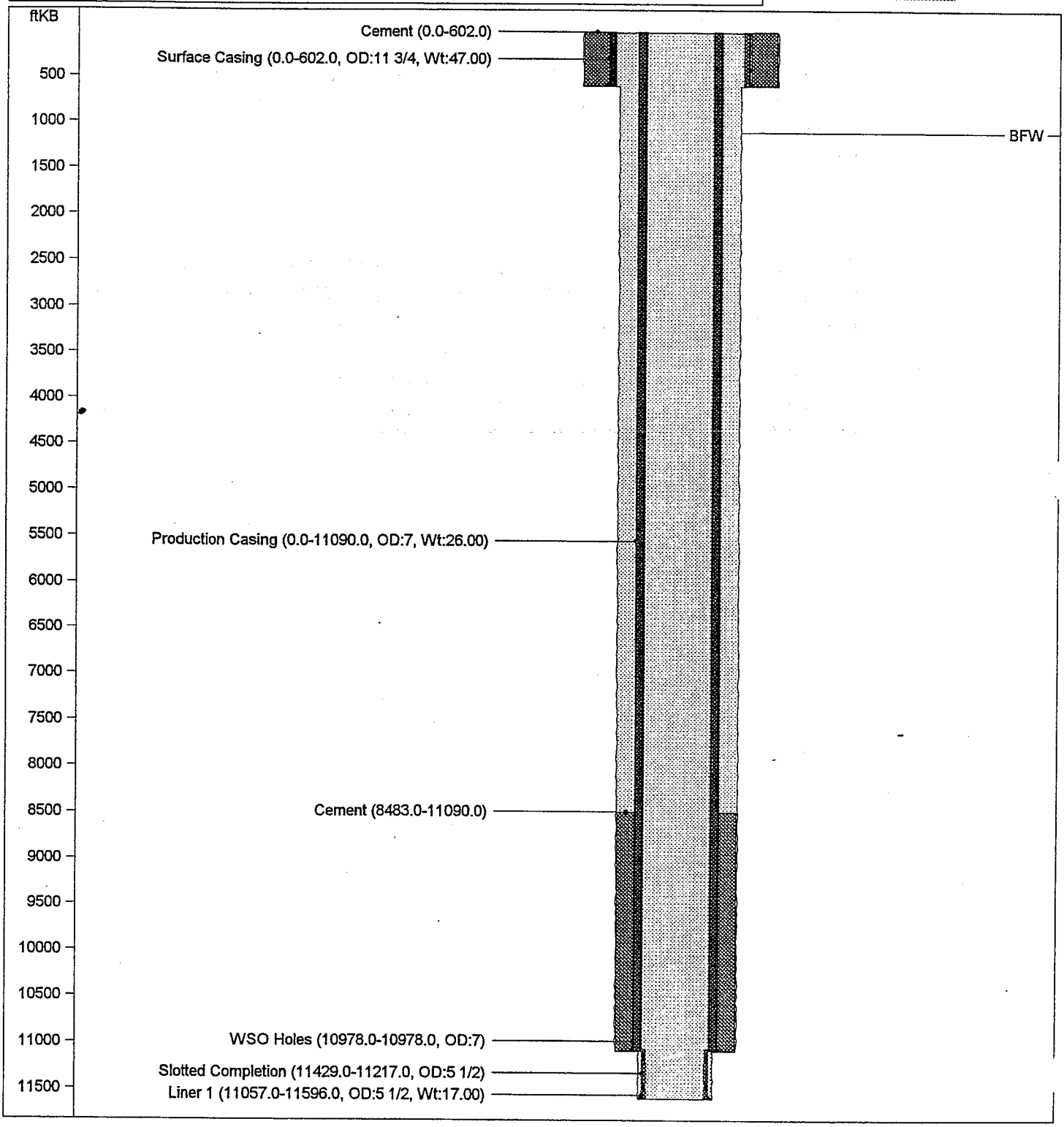
4. RU perforators and shoot eight (8) 1/2" holes @ 110 ft. RD perforators. RIH with coil tubing and circulate surface plug into 7" X 11 3/4" casing annulus and 7" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear surface location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make inspection of location after restoration.

CDF 10/14/99

| 04037128990000 | |
|---|---|
| Well Name | Rancho San Francisco 146 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 11598.0 ftKB |
| PBTD | 11598.0 ftKB |
| Approval Date | 04-Dec-57 |
| Spud Date | 20-Dec-57 |
| TD Date | 06-Mar-58 |
| Production Date | 06-Mar-58 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**10/20/99**

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

037-12899

3

NOV 22 1957

LOS ANGELES, CALIFORNIA

Los Angeles, Calif. November 22, 1957

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 146-7, Sec. 27, T. 4N, R. 17W, S. B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of ____ acres, is as follows: ____ (Attach map or plat to scale)

MAP ALREADY FURNISHED

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1716.16 feet South (Direction) along ~~property~~ section line and 2176.60 feet East (Direction) at right angles to said line from ~~the~~ Corner "J" corner of ~~section~~ property

Elevation of ground above sea level 1236.84 feet ____ datum.

All depth measurements taken from top of kelly bushing (Derrick Floor, Rotary Table or Kelly Bushing) which is 12.50 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 11 3/4" | 47# | J-55 Smls. | Surface | 600' | 600' |
| 7" | 26#,29# 32# | J-55, N-80 P-110 Smls. | Surface | 11,090' | 11,090 |
| 5 1/2" | 17# | J-55 | 11,080' | 11,690' | None |

Intended zone or zones of completion: Seventh Zone (Name) 11,090' - 11,660' (Depth, top and bottom)

Estimated total depth 11,690'

| MAP | MAP BOOK | CARDS | | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A | 18A | | | | |
| BI | BI | | | | |
| 12-2 | 12-2 | | | | |

153.4 from 107-6

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 714 West Olympic Boulevard
Los Angeles 15, California
Telephone Number RIchmond 8-5171

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Grayseal
O. A. Grayseal, Agent

Type of Organization (Corporation, Partnership, Individual, etc.)

RECEIVED
APR 4 1958
LOS ANGELES, CALIFORNIA



DATE
1958

2/5 Had 22' of fill at 10,415'.

2/6 Had 20' of fill at 10,596'.

2/7 Had 13' of fill at 10,679'.

2/9 Had 13' of fill at 10,802', and 12' of fill at 10,854'.

2/10 Had 10' of fill at 10,922'.

Added 30 barrels of diesel oil to mud.

2/11 Had 8' of fill at 10,975'.

Added 10 barrels of diesel oil to mud.

2/12 Had 9' of fill at 11,083'.

2/13 LOG RUN #1 TO 11,140' (EL#1). Ran Schlumberger electric log from 602' to 11,140'. Found solid bottom at 11,140'.

2/14 CEMENTED 11,094.41' of 7" 23#, 26#, 29#, 32#, J-55, N-80, P-110, LT&C, X-Line casing with shoe at 11,090.00' and float collar at 10,997.32' with 600 sacks of Colton Hi-Temp (class "E") cement. Pumped ahead 100 cu.ft. of water with 50# Pyro followed by 100 sacks at 105# slurry and 500 sacks at 116# slurry. Displaced with 2363 cu.ft. of mud, then stopped to check if rubber plug left cementing head (because of apparent cementing pressures). Found plug gone. Continued displacing with 106 cu.ft. more mud (4.5% excess). Bled back 2 cu.ft. Last pumping pressure 250 psi. Final pumping pressure 250 psi. Plugs did not bump. Weight before cementing 190,000# net. Weight after cementing 244,000# net.

Landed casing with 230,000# net. Made Hansen test to 3500 psi.

2/15 Found top of firm cement at 10,400'.

2/16 Drilled out cement to 11,075'. Found float collar at 10,997'.

SHOT 4 - 1/2"HOLES AT 10,978' with Cook Hydraulic "Shoot and Test".

TEST #1 ON HOLES AT 10,978'. Ran Cook Hydraulic Tester on 3 1/2" 13.30# R.I.F. drill pipe. Packer set at 10,919' and tailpiece to 10,945'. 3/4" bottom bean and 1500' water cushion. Open for one hour. Recovered 20' net rise of 556 psi/1000'drilling fluid. Charts showed tester open throughout. From Huber Chart, initial hydrostatic pressure was 7200 psi, initial and final flow pressures were 1200 psi with no build-up observed. Final hydrostatic pressure was 7200 psi. Both bombs (Huber and Miller) outside reading. Division of Oil and Gas decision - W.S.O.

Drilled out cement from 11,075' to 11,090'. Found shoe at 11,090'. Cleaned out to bottom and drilled ahead three feet to 11,143'.

Changed over from Gyp-Q-Broxin oil emulsion mud to 468 psi/1000' oil base mud at 11,143'

DIVISION OF OIL AND GAS
RECEIVED
APR 4 1958
LOS ANGELES, CALIFORNIA



DATE
1958
2/17 Coring ahead with Mercury core barrel and 6" diamond core head from 11,143' to 11,598'.

2/20 Had gas show in ditch at 11,195' (core #4). Mud weight dropped from 67# to 53#/cu.ft.

3/4 LOG RUN #2 TO 11,598' (IL #1). Ran Schlumberger induction log from 11,090' to 11,598'. Found bottom at 11,598'.

3/5 HUNG 5 1/2" 17# J-55, F.J. liner with shoe at 11,596' and top at 11,057'. Shop perforated with 192 - 1/4" round holes per foot from ~~12,217'~~ 11,217 to 11,429' and from 11,488' to 11,595'.

RAN BAKER MODEL "D" C.I. PRODUCTION PACKER with flapper. Top at 10,965'; bottom at 10,969'.

3/6 Ran 2 7/8" J-55, N-80 T&C, and Hydril Type "A" tubing with 8 Camco gas lift valves.

Changed over from oil base to lease crude with tubing hanging at 11,576'. Landed tubing on packer at 10,965'.

RELEASED RIG AT 3:00 P.M.

PRODUCTION DATA

| DATE 1958 | Gross | Cut | Net | Gravity | Bean | PRESSURE Tubing | PRESSURE Casing | Gross Gas MCF | Circ. Gas MCF | Net Gas MCF | G.O.R. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/6 | Started gas lifting well at 3:00 p.m. - on production 15 hours. | | | | | | | | | | |
| | 190 | 0.0 | 190 (wash oil) | | | 250 | 1280 | 224 | 224 | | |
| 3/7 | 1141 | 0.7 | 1133* | 34.0 | 48/64" | 240 | 1160 | 880 | 114 | 766 | 676 |
| | *(includes 390 bbls of wash oil & 743 bbls formation oil) | | | | | | | | | | |
| 3/8 | 946 | 0.2 | 944 | 33.8 | 48/64" | 240 | 1090 | Flowing | | 663 | 702 |
| 3/9 | 865 | 0.3 | 864 | 33.9 | 48/64" | 200 | 1000 | " | | 620 | 717 |
| 3/10 | 450 | 0.1 | 450 | 34.0 | 25/64" | 260 | 1020 | " | | 278 | 617 |
| 3/11 | 242 | 0.1 | 242 | 35.2 | 25/64" | 540 | 1000 | " | | 168 | 694 |
| 3/12 | 242 | 0.2 | 242 | 34.6 | 11/64" | 530 | 1000 | " | | 157 | 648 |
| 3/13 | 262 | 0.5 | 261 | 32.4 | 11/64" | 560 | 1000 | " | | 165 | 632 |
| 3/14 | 240 | 0.5 | 239 | 36.5 | 11/64" | - | - | " | | 162 | 677 |
| ,15 | 266 | 0.3 | 265 | 34.5 | 12/64" | 560 | 1000 | " | | 162 | 611 |

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

March 16, 1998

Bradford A. Dewitt, Agent
MEDALLION CALIFORNIA PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Your report of the plugging and abandonment of well "Rancho San Francisco" 154, A.P.I. No. 037-12656, Section 27, T. 4N, R. 17W, SBB.& M., Newhall Potrero field, Los Angeles County, dated January 12, 1998, received January 23, 1998, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By
Patrick J. Kinnear
*Deputy Supervisor*

tkc

cc: Update

Modified OG159 (4/94)

OPERATOR Medallion CA Properties Co. A.P.I. [illegible]
WELL NO. "Rancho San Francisco" 155 SECTION 27, T. [illegible] N, R. [illegible] W
MAP 253

| | | | | | | |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 8-11-97 | | | | | |
| P-REPORT NUMBER | 327-280 | | | | | |
| CHECKED BY/DATE | | | | | | |
| MAP LETTER DATED | 2-7-98 | | | | | |
| SYMBOL | ✦ | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 8-14-97 | | | | | | | | | | | |
| HISTORY | 1-23-98 | | | | | | | | | | | |
| SUMMARY | | | | | | | | | | | | |
| E-LOG | | | | | | | | | | | | |
| MUD LOG | | | | | | | | | | | | |
| DIPMETER | | | | | | | | | | | | |
| DIRECTIONAL | | | | | | | | | | | | |
| CORE/SWS | | | | | | | | | | | | |
| CBL | | | | | | | | | | | | |

ENGINEERING CHECK

| | | | | | | |
|---|---|---|---|---|---|---|
| T-REPORTS | | | | | | |
| OPERATOR'S NAME | | | | | | |
| WELL NO. | | | | | | |
| LOC & ELEV | | | | | | |
| SIGNATURE | | | | | | |
| SURFACE INSP. | 2-4-98 PC | | | | | |
| DRILL CARD | | | | | | |

RECORD'S COMPLETE BJH 3-18-98

FINAL LETTER OK
MAILED
RELEASED BOND

INJECTION BOOK
IDLE WELL LIST
SURFACE INSP. CARD

REMARKS:

OK TO RELEASE FROM CONFIDENTIAL
ABANDONED-REMOVED FROM E.D.P.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

# HISTORY OF OIL OR GAS WELL

Operator Medallion California Properties Co. Field Newhall-Potrero County Los Angeles

Well "Rancho San Francisco" 154 Sec. 27, T 4N, R 17W, S. B. B. & M.

A.P.I. No. 037-12656 Name Claude D. Fiddler (Person submitting report) Title Engineer (President, Secretary, Agent)

Date January 12, 1998

Signature Claude D. Fiddler

5400 Rosedale Highway, Bakersfield, CA 93308 (Address) 805/635-0465 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date | |
|---|---|
| 1997 | |
| 8/19 | MIRU service rig. RD production tree, RU Class II BOPE. Pull and lay down 31 jts 2-7/8" EUE J-55 tubing. RD service unit and BOPE. RU production tree. |
| 9/12 | MIRU coil tubing unit (CTU) w/BOPE. RIH w/CT, tagged down at 11,510 ft. Pat Kinnear, DOGGR, approved plugging from this depth rather than 12,231 ft. Pumped 125 $ft^3$ of Class "G" cmt w/40% silica flour, 0.75% halad 9, 0.5% HR-12 and 0.5% CFR-3 to plug from 11,510 ft to 11,010 ft. PUH. SIWFN. |
| .5 | RIH w/CT, tagged cmt at 10,920 ft. Spotted 448 bbls 9.6 lb/gal mud 10,920 ft to 1150 ft. Tag and mudding witnessed by Steve Mulqueen, DOGGR. POOH w/CT. RDMO. SIWFN. |
| 9/16 | RU perforating unit, made cavity shot at 1150 ft. Well started to flow. MIRU CTU, RIH, circulated holes, held 60 psi back pressure, pumped 90 $ft^3$ Class "G" cmt and plugged 1150 ft to 800 ft. POOH. SIWFN. |
| 9/17 | RIH w/CT, tagged cmt at 961 ft. Spotted 39 bbls 9.6 lb/gal mud from 961 ft to 100 ft. RDMO CTU. RU perforating unit, shot eight 1/2" holes at 100 ft. MIRU cmt unit, pumped 79 $ft^3$ Class "G" cmt down 7-5/8" casing, through holes at 100 ft, and up 7-5/8"x13-5/8" annulus. Had cmt returns to surface. Tag at 961 ft and surface cmt job witnessed by Paul Cronmiller, DOGGR. |
| 11/14 | Completed abandonment, welded cap and marker, cleaned and cleared location. |

RECEIVED
JAN 23 1998
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

OG103 (10/95/GSR1/5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. T297-255

# Report on Operations

Bradford A. Dewitt, Agent
MEDALLION CALIF. PROPERTIES
1100 Mohawk St., Ste. 154
Bakersfield, CA 93309-7416

Ventura, California
September 22, 1997

Your operations at well "Rancho San Francisco" 154, API No. 037-12656, Sec. 27, T. 4N, R. 17W, S.B. B.&M. Newhall Potrero Field, in Los Angeles County, were witnessed on 9-17-97. Paul Cronmiller, representative of the supervisor, was present from 1230 to 1300. There were also present Von Fortenberry

Present condition of well: 13 3/8" cem 618'; 7 5/8" cem 12,585', WSO perf @ 11,510', perf @ 100' & @ int 11,675'-12,110', cavity shot @ 1150'. TD 15,490'. ED 12,375'. Plugged w/ cem 11,510'-10,290', 1150'-961' & 100'-5'.

The operations were performed for the purpose of abandonment.

DECISION:

The plugging operations as witnessed and reported are approved.

tkc

William F. Guerard, Jr.
State Oil and Gas Supervisor
By
Patrick J. Kinnear
Deputy Supervisor

OG109 (Modified 1993)

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND
GEOTHERMAL RESOURCES

No. P297-280

# PERMIT TO CONDUCT WELL OPERATIONS

500
(field code)
00
(area code)
--
(new pool code
40
(old pool code)

Bradford A. DeWitt, Agent
Medallion Calif. Properties
1100 Mohawk St. Suite 154
Bakersfield, CA 93309-7416

Ventura, California
August 25, 1997

Your _____ proposal to abandon _____ well "Rancho San Francisco 154, A.P.I. No. 037-12656, Section 27, T. 4N, R. 17W, S.B. B.&M., Newhall-Potrero field, ---------- area, 7th pool, Los Angeles County, dated 8/11/97, received 8/14/97, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. A diligent effort shall be made to clean out the well to at least 12,231'.
4. All portions of the well not plugged with cement are filled with inert mud fluid having a minimum density of 72 lbs./cu. ft and a minimum gel-shear strength of 25 lbs./100 sq. ft.
5. This office shall be consulted before deviating from the proposed abandonment program.
6. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness the location and hardness of the cement plug at 11,410'.
   b. To witness the mudding of the well.
   c. To witness the location and hardness of the cement plug at 1050'.
   d. To witness the placing of the surface plug and the 7-5/8" x 13-3/8" annulus and to verify its location.
   e. To inspect and approve the cleanup of the well site with 60 days after well has been plugged and abandoned.

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By _____

Patrick J. Kinnear
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111 (Modified 1993)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# Notice of Intention to Abandon Well

File in Duplicate

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| N | — | ✓ | ✓ |

**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well "Rancho San Francisco" #154, API No. 037-12656,

Sec. 27 T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County,

OG commencing work on September 1, 19 97.

The present condition of the well is:

1. Total depth PBDT = 12,375 FT
2. Complete casing record, including plugs and perforations (present hole)

Please see below.

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

(or)

4. Last injected _____ (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows
6. Stratigraphic markers
7. Formation and age at total depth
8. Base of freshwater sands _____

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

RECEIVED AUG 14 1997 DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES VENTURA, CALIFORNIA

The proposed work is as follows:

Please see attached **Proposed Abandonment Program.**

**Complete Casing Record** (see No. 2 above):
13-3/8" 54.5# J-55 cmtd @ 618 FT.
7-5/8" 26.4#, 29.7# & 33.7# N-80 & P-110 cmtd @ 12,585 FT; plug back to 12,375 FT; perf'd WSO @ 11,510 FT, 11,675 FT - 11,700 FT, 11,730 FT - 11,770 FT, 11,810 FT - 12,110 FT and 12,180 FT - 12,230 FT.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address 1100 Mohawk Street, Suite 154 (Street)
Bakersfield, CA 93309 (City) (State) (Zip)
Telephone Number ( ) 805/635-0465 (Area Code) (Number)

Medallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
Claude D. Fiddler (Signature) 8-11-97 (Date)

OG108 (1/95/GSR1/5M) Printed on recycled paper.

**PROPOSED ABANDONMENT PROGRAM**
**RANCHO SAN FRANCISCO WELL #154**
**NEWHALL POTRERO FIELD, LOS ANGELES COUNTY**

1. RU Coil Tubing Unit (CTU), install Class II BOPE. RIH and lay a Class "G" cement plug in 7-5/8" casing from top of junk (junk drilled-up bridge plug) at 12,231 FT to 11,410 FT. Tag cement plug, DOGGR to witness location and hardness of plug. Fill 7-5/8" casing with 72# clay base mud from 11,410 FT to 1,150 FT.

2. RU perforators, RIH with cavity shot gear to 1,150 FT, make cavity shot. POOH with perforating gear. RIH with coil tubing, clean out to bottom of cavity if necessary and set Class "G" cement plug from 1,150 FT to 1,050 FT. Tag top of plug. DOGGR to witness location and hardness of plug.

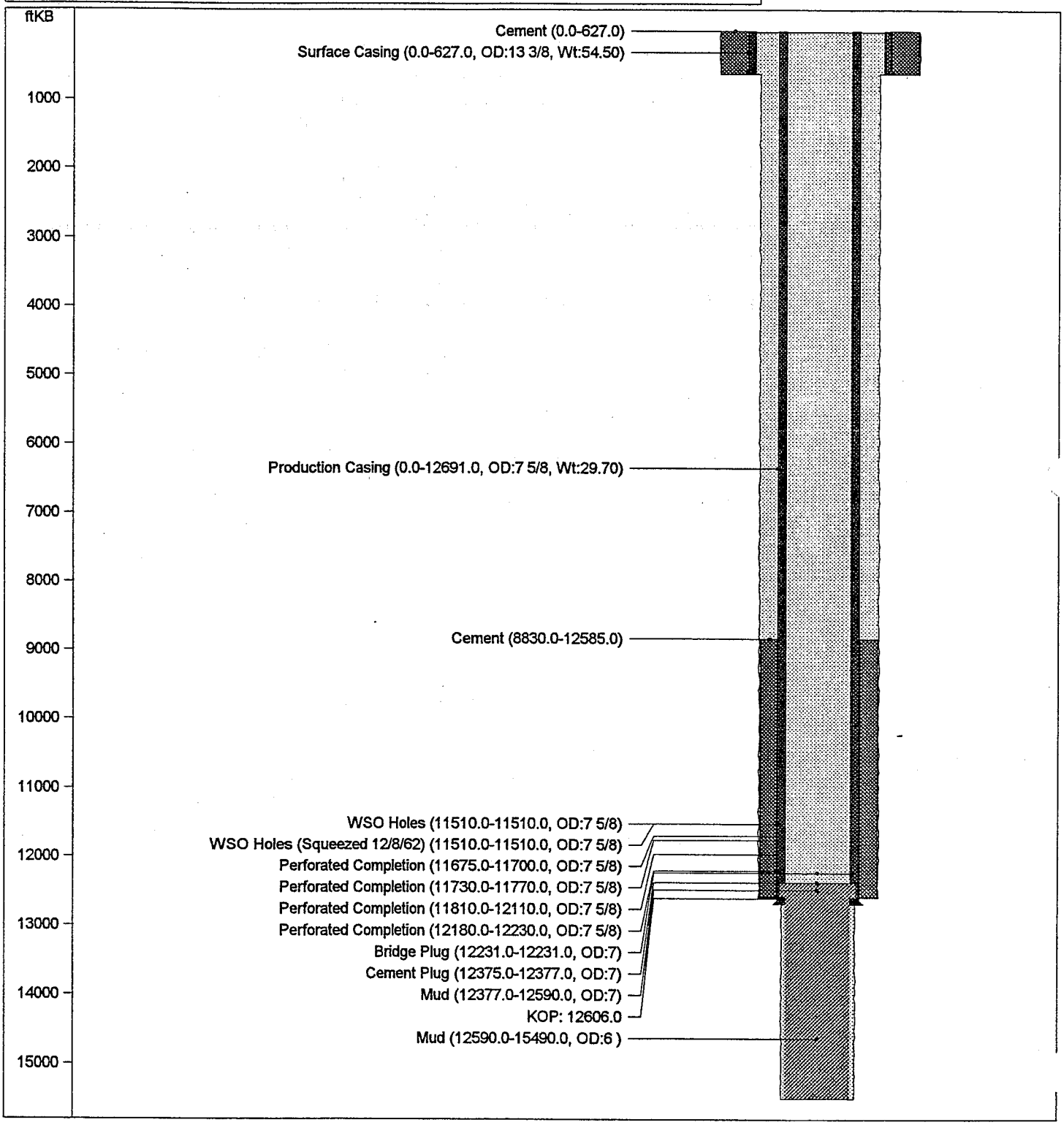
3. Fill 7-5/8" casing with 72# clay base mud from 1,050 FT to 100 FT.

4. RU perforators and shoot eight (8) 1/2" holes at 100 FT. RD perforators. RIH with coil tubing and circulate surface plug into 7-5/8" x 13-3/8" casing annulus and 7-5/8" casing. DOGGR to witness surface plugging. RD coil tubing unit.

5. Clear well location, cut off casing five feet below ground level and weld on required well identification marker. DOGGR to witness plug prior to welding ID plate. DOGGR to make final inspection of location after restoration.

| 04037126560100 | |
|---|---|
| Well Name | RANCHO SAN FRANCISCO 154 |
| Operator | MEDALLION CALIF PRPTS CO |
| Field Name | NEWHALL-POTRERO |
| TD | 15490.0 ftKB |
| PBTD | 12231.0 ftKB |
| Approval Date | 11-Oct-61 |
| Spud Date | 15-Feb-62 |
| TD Date | 22-May-62 |
| Production Date | 29-May-62 |
| Injection Date | |
| P/A Date | |

Division of Oil & Gas Conservation




**8/18/97**

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

DIVISION OF OIL AND GAS
RECEIVED
OCT 6 1961
INGLEWOOD, CALIFORNIA

037-12656

Newhall Calif. September 19 1961

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "R. S. N." #154, Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County.

Legal description of mineral right lease, consisting of 1370 acres, is as follows: (Attach map or plat to scale)

See attached description and plat

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1475.09 feet South (Direction) along ~~section~~ property line and 4857.43 feet East (Direction)

at right angles to said line from the Corner "J" ~~corner of section~~ property

Elevation of ground above sea level 1042.29 feet ____ datum.

All depth measurements taken from top of K.B. (Derrick Floor, Rotary Table or Kelly Bushing) which is ~~15.5~~ 16.2 feet above ground.

## PROPOSED CASING PROGRAM

| SIZE OF CASING INCHES A.P.I. | WEIGHT | GRADE AND TYPE | TOP | BOTTOM | CEMENTING DEPTHS |
|---|---|---|---|---|---|
| 13 3/8" | 54.5 | J55 Smls | Surface | 600' | 600' |
| 7 5/8" | 26.4 33.7 & 29.7 | N80, P110 Smls | Surface | 12,500' | 12,500' |

Intended zone or zones of completion: 7th Zone 11,675'-12,350' (Name) or exploratory below 12,500' (Depth, top and bottom)

Estimated total depth 15,000'

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 150 S.C. 10-9-61 | S.C. 10-9-61 | [illegible] | | [illegible] | |

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address Route #1, Box 128, Newhall, Calif.

Sunray Mid-Continent Oil Company (Name of Operator)

Telephone Number 259-2440

By [signature] Agent

Type of Organization (Corporation, Partnership, Individual, etc.)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL PLUGGING AND ABANDONMENT

Ventura, California

January 9, 1995

James R. Weddle, Agent
Medallion CA Properties Co.
1400 Easton Dr., Suite 133
Bakersfield, CA 93309

Your report of the plugging and abandonment of well "Rancho San Francisco" 156, A.P.I. No. 037-12874, Section 27, T. 4N, R. 17W, S.B. B.& M., Newhall Potrero field, Los Angeles County, dated December 22, 1994, received December 27, 1994, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and the filing of well records.

William F. Guerard, Jr
*State Oil and Gas Supervisor*

By Patrick J. Kinnear
*Deputy Supervisor*

svl

cc: Conservation Committee
Update

Modified OG159 (4/94)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## History of Oil and Gas Well

Operator Medallion California Properties Field or County Newhall Potrero - Los Angeles
Well "Rancho San Francisco" #156 (AKA #62A), Sec 27, T 4N, R 17W, S. B. B.& M.
A.P.I. No 037-12874 Name Claude D. Fiddler (Person submitting report) Title Agent (President, Secretary or Agent)
Date December 22, 19 94

Signature Claude D. Fiddler

1400 Easton Drive, Suite 133, Bakersfield, CA 93309 (Address) (805) 395-3029 (Telephone Number)

**History must be completed in all detail. Use this form to report all operations during drilling and testing for the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom plugs, perforation details, sidetracked junk, bailing tests and initial production data.**

| Date | |
|---|---|
| 11/18/94 | RU coiled tubing unit. RIH w/CT to 94 ft. Hit solid plug in hole. Set surface plug w/class "G" cement 94 ft to surface (used 44 SX, theoretical fill casing and annulus is 32 SX). Called Steve Mulqueen with DOGGR. OK on surface plug. RD coil tubing unit. Welded cap and marker. Cleaned up location. |

RECEIVED
DEC 27 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS OGD114 | FORMS OGD121 |
| ✓ | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon well Rancho San Francisco 156 (AKA 62A), API No. 037-12874, Sec. 27, T. 4N, R. 17W, S.B. B. & M., Newhall-Potrero Field, Los Angeles County. commencing work on Later in 1994, 19____.

The present condition of the well is:

1. Total depth 2,921 ft. PBTD 1,050 ft.
2. Complete casing record, including plugs and perforations (present hole)

   9 5/8" J-55 36# CMT 649 ft. to surface.
   7" N-80 23# CMT 1,081 ft. to surface
   CMT plug 1,081 ft. to 1,050 ft. *
3. Last produced never produced (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

   or
4. Last injected -- (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths):

5. Oil or gas shows

   Gas shows 561 ft., 649 ft., 968 ft. to 1,080 ft. Some gas of formation tests. 2,921-2,840ft., 2,712-2,612ft., 1,685-1,565ft., 1,467-1,390ft., 1,362-1,081ft.
6. Stratigraphic markers

   Unknown
7. Formation and age at total depth Probably Pico - lower pliocene.
8. Base of fresh water sands 300 ft.

9. Is this a critical well according to the definition on the reverse side of this form? ☐ Yes ☒ No

The proposed work is as follows:

It is not known if this well has cement to surface.

1. Under controlled conditions, remove cap on well.
2. If cement if found to surface, notify DOGGR to inspect well. If cement is not found to surface, fill well with cement to surface and notify DOGGR to inspect well.
3. Weld on steel cap, bead weld number on cap, erect well identification, clean up and grade location. Notify DOGGR to make final inspection.

RECEIVED
SEP 12 1994
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

* Open hole plugs 2,921 ft. - 1,081 ft.

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1400 Easton Dr., Suite 133 (Street)
Bakersfield (City) CA (State) 93309 (Zip)
Telephone Number (805) 395-3029 (Area Code) (Number)

Medallion California Properties Co. (Name of Operator)
By Claude D. Fiddler (Print Name)
Claude D. Fiddler (Signature) 9-7-94 (Date)

OG108 (10/85/DWRR/5M)

DEPARTMENT OF CONSERVATION
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**
1000 SOUTH HILL ROAD, SUITE 116
VENTURA, CALIFORNIA 93003-4458
(805) 654-4761
TELEFAX (805) 654-4765

August 3, 1994

James R. Weddle, Agent
DKM OFFSHORE ENERGY, INC.
1400 EASTON DRIVE, SUITE 133
BAKERSFIELD, CA 93309

RE: Surface Inspections
Newhall Potrero Field

Dear Mr. Weddle:

On July 29, 1994, surface inspections were conducted on the wells listed below:

| | |
|---|---|
| "Rancho San Francisco" | 50 |
| " | 55 |
| " | 20 |
| " | 22 |
| " | 41 |
| " | 27 |
| " | 31 |
| " | 33 |
| " | 36 |
| " | 38 |
| " | 42 |

The surface inspections for these wells are not approved. The cellars, flow lines, wellheads and scrap metal must be removed and the well sites return to grade. Any contaminated soils must be removed and disposed of properly.

Please notify this office when the surface work has been completed so that a re-inspection can be scheduled. A "Final Letter", which documents approval of the abandonment work will be issued for each of these wells after the surface work has been approved.

Sincerely,

Patrick J. Kinnear
Deputy Supervisor

PJK:SPM

RM 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL TI ANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PA NLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

RECEIVED
JAN 26 1950
LOS ANGELES, CAL

## WELL SUMMARY REPORT

Operator BARNSDALL OIL COMPANY Field NEWHALL-POTRERO

Well No. Rancho San Francisco 62-A Sec. 27, T. 4 N., R. 17 W., S.B. B. & M.

Location 1376.74' S. & 337.61' E. from Cor. "J" Elevation of kelly bushing 897.66' ground or ~~xxxxxxxx~~ above sea level 888.31' feet.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date Jan. 25, 1950 Signed R. E. Foss

H M. Stanier (Engineer or Geologist) T. J. Prehoda (Superintendent) Title R. E. FOSS Agent (President, Secretary or Agent)

Commenced drilling 11-9-49 WELL IDLE ~~Completed drilling~~ 12-14-49 Drilling tools Rotary

Total depth 2921' Plugged depth 1050'

| Junk | GEOLOGICAL MARKERS | DEPTH |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

Commenced producing Well idle (date) Flowing/gas lift/pumping (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | | | | | | |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cemen if through perfor |
|---|---|---|---|---|---|---|---|---|---|
| 9 5/8" | 649' | Surface | 36# | New | Smls. | J-55 | 12¼" | 275 w/5 sx. on top | |
| 7" | 1081' | Surface | 23# | New | Smls. | N-80 | 8 1/2" | 160 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 2921' (Attach Copy of Log)

FR-JSH

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

RECEIVED
JAN 28 1950
LOS ANGELES, CALIFORNIA

OPERATOR BARNSDALL OIL COMPANY FIELD NEWHALL-POTRERO

Well No. Rancho San Francisco 62-A, Sec. 27, T. 4 N., R. 17 W., S.B. B. & M.

Signed R. E. Foss
R. E. FOSS

Date Jan. 25, 1950 Title Agent
(President, Secretary or Agent)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

| Date 1949 | | |
|---|---|---|
| 11-9 | Depth 363'. | Spudded in w/12¼" bit. Gas cut & blew 73#/cf mud thru table while making hole to 561'. Weighted mud to 82#/cf. |
| 11-12 | Depth 632'. | First Run Schlumberger Electric Log & Temperature Survey to 632'. Weighted mud to 93#. Drilled ahead w/12¼" bit. |
| 11-13 | Depth 649'. | Ran 9 5/8" - 36# T&C Smls. J-55 csg. Cemented shoe at 649' w/275 sx. const. cmt. Gas broke thru cmt. at surface 1 hr. 5 min. after being in place. Cmt'd. around surface w/10 sx. Cal Seal & 4 to 5 sx. cmt. |
| 11-14 | Depth 649'. | Found top of cement @ 590'. Tested casing & gates w/1000# on drill pipe w/gates closed. Drilled out w/8½" bit. |
| 11-15 | Depth 909'. | Gas started cutting 73# mud @ 824'. Built up mud wt. to 80#/cf. Ran Johnston Tester on 4½" d.p. & 2" d.c. w/pkr. set @ 635' & tailpc. to 655'. Opened valve thru a 1/2" btm. bean for 56 min. Medium steady blow 3 min., dead 2 min., light, steady blow 14 min. Very weak heading 11 min., dead 26 min. BHP charts showed tester open thru-out test. No recovery since main valve on tester let all fluid leak out. No BHP build-up on charts. |
| | | - Drilled ahead w/7 5/8" bit. - |
| 11-16 | Depth 968'. | Well blew mud (81#/cf) out of hole. Built mud wt. up to 101½#/cf. No gas cut. |
| 11-17 | Depth 1000'. | Well continued to gas cut mud. Built mud wt. up to 104.5#/cf. |
| 11-18 | Depth 1045'. | Well continued to gas cut mud. Built mud wt. up to 107#/cf. |
| 11-19 | Depth 1080'. | Circulated & lost 30 bbls. mud in 24 hrs. |
| 11-20 | Depth 1080'. | Second Run Schlumberger Electric Log to 1080' in 7 5/8" hole. |
| 11-21 | Depth 1080'. | Opened 7 5/8" hole to 8½" from 909' to 1081'. Cemented 7" - 23# N80 T&C Smls. csg. @ 1081' w/160 sx. cmt. Well blew out approx. 7 bbls. cmt. from annulus at surface approx. 3 hrs. after cmt. was in place. |
| 11-23 | Depth 1273'. | Found cmt. @ 1068'. Closed rams on d.p. & built press. to 1000#, held O.K. Drilled out cmt. w/6 1/8" bit. Checked shoe @ 1081'. |
| 11-26 | Depth 2084'. | Third Run Schlumberger Electric Log to 1950' in 6 1/8" hole. Drilled ahead w/6 1/8" bit. |
| 11-27 | Depth 2271'. | Fourth Run Schlumberger Electric Log to 2175' in 6 1/8" hole. Drilled ahead w/6 1/8" bit. |
| 11-29 | Depth 2625'. | Fifth Run Schlumberger Electric Log to 2525' in 6 1/8" hole. |

(Cont'd.)

1
11-29 Under-reamed 6 1/8" hole to 7" from 1083' to 1300'. Drilled ahead w/6 1/8" bit.

12-1 Depth 2921'. Sixth Run Schlumberger Electric Log to 2850'. Drilled ahead w/6 1/8" bit.

Seventh Run Schlumberger Electric Log to 2921'.

12-3 Depth 2921'. Ran Johnston Tester on 3½" - 15.50# d.p. Set pkr. @ 2840' w/tailpc. to 2921'. Used 122' mud cushion. Tester open 50 min. thru a 3/8" btm. bean. Very light steady blow 15 min. Weak stdy. blow 22 min., dead 13 min. Net rise 75' gas-cut mud. BHP charts showed tester open thruout test.

Laid cmt. plug thru 3½" d.P. & 2½" E.U. tbg. hung @ 2921'. Used 30 sx. Victor const. cmt. mixed to 118# slurry.

12-4 Depth 2827'. Solid Cement.

Ran Johnston Tester w/pkr. set @ 2744' & tailpc. to 2827'. Pkr. failed. Laid cmt. plug thru 3½" d.p. & 2½" E.U. tbg. hung @ 2827'. Used 35 sx. Victor const. cmt. mixed to 115# slurry.

12-5 Depth 2712'. Solid Cement.

Ran Johnston Tester w/pkr. set @ 2585' & tailpc. to 2712'. Pkr. failed.

12-6 Ran Johnston Tester w/pkr. set @ 2612' & tailpc. to 2712' w/30' mud cushion. Opened valve thru a 3/8" btm. bean for 2 hrs. 40 min. Cushion to surface in 7 min. Flowed salt water & gas (est. 300 to 400 bbls/day rate) - 1400 G/G - 200# T.P. on 51/64" bean.

Laid cmt. plug thru 3½" d.p. & 2½" E.U. tbg. hung @ 2706'. Used 50 sx. Victor const. cmt. mixed to 115# slurry.

12-7 Depth 2492'. (Top cmt.) Laid cmt. plug thru 3½" d.p. & 2½" E.U. tbg. hung @ 2491'. Used 40 sx. Victor Const. cmt. mixed to 115# slurry.

Depth 2335' Solid Cement.

12-8 Ran Johnston Tester w/pkr. set @ 2267' & tailpc. to 2335' w/30' mud cushion. Opened valve thru a 3/8" btm. bean for 2 hrs. 4 min. Medium strong, steady blow 4 min., heading for 28 min. Muddy salt water (1403 G/G) to surface in 32 min. Flowed by heads gas & muddy fluid (odorless gas) for 1 hr. Light heading blow w/no fluid for last 32 min. of test.

Laid cmt. plug thru 3½" d.p. & 2½" E.U. tbg. hung @ 2335'. Used 80 sx. Victor const. cmt. mixed to 115# slurry.

12-9 Depth 1996'. Solid Cement.

Laid cmt. plug thru 3½" d.p. & 2½" E.U. tbg. hung @ 1995'. Used 80 sx. Victor const. cmt. mixed to 115# slurry.

Depth 1685'. Solid Cement.

12-10 Ran Johnston Tester w/pkr. set @ 1565' & tailpc. to 1685' w/30' mud cushion. Opened valve thru a 3/8" btm. bean for 2½ hrs. Strong blow w/cushion to surface in 6 min. Flowed muddy water & gas on heads at 40# tubing press. thru a 50/64" surface bean. Est. 75 to 100 bbls./day rate for water and 500 m.c.f./day rate for gas.

Laid cmt. plug thru 3½" d.p. & 2½" tbg. hung @ 1685'. Used 60 sx. of Victor const. cmt. mixed to 115# slurry.

1 Depth 1467'. Solid cement.

Ran Johnston Tester w/pkr. set @ 1390' & tailpc. to 1467'. Used 30' mud cushion. Opened valve thru a 3/8" btm. bean for 2 hrs. 10 min. Light to strong medium steady

(cont'd.)

1949

12-11 (cont'd.) blow 12 min., strong steady blow 17 min., light medium to light steady blow 1 hr. 41 min. Rec. 975' of muddy salty water (790 G/G).

Re-ran Johnston Tester w/pkr. set same as above. Opened valve thru a 1/2" btm. bean for 3 hrs. Same blow as before. Recovered 1098' of muddy salt water (1038 G/G).

Laid cmt. plug thru 3½" d.p. & 2½" E.U. csg. hung @ 1467'. Used 35 sx. Victor const. cmt. mixed to 115# slurry.

12-12 Depth 1326'. Solid cmt.

Ran Johnston Tester & set pkr. @ 1052' & tailpc. to 1071' (7" shoe 1081') (Used 30' mud cushion). Opened valve thru a 3/4" btm. bean. Gas to surface in 12 min., fluid in 35 min. Heading small amts. of mud. Swabbed 1/2 hr. w/mud & gas rcvd. Shut well in for 1/2 hr. & press. built to 100#

12-13 Had to swab well 3 times to get well to head after being shut in 1/2 hr. - 19 hr. test. Salinity 622 G/G to 662 G/G. Final flowing & swabbing rate est. 275 bbls./day clear water.

Laid cmt. plug thru 3½" d.p. & 2½" E.U. tbg. hung @ 1326'. Used 85 sx. Victor const. cmt. mixed to 115# slurry.

Depth 1050'. Solid cmt.

FR-JSH

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
NOV 9 1949
LOS ANGELES, CALIFORNIA

037-12874

4

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. November 8 1949

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Rancho San Francisco" 62-A, Sec. 27, T. 4 N. R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County. JLW

Lease consists of

The well is 1376.74 feet N. or S., and 337.61 feet E. or W. from Corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the kelly bushing 897.66 above sea level is feet.
conc.mat 888.31

We estimate that the first productive oil or gas sand should be encountered at a depth of about 950 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 9 5/8" | 36# | J-55 Smls. | 900' | Cemented |
| | | | | |
| Deeper casing to be determined by production tests. | | | | |
| | | | | |

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A JLW | JLW | EB | Blanket | | EB |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

BARNSDALL OIL COMPANY
(Name of Operator)

By R. E. Foss
R. E. FOSS Agent

FR-JSH

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
**DIVISION OF OIL AND GAS**

# REPORT OF PROPERTY AND WELL TRANSFER

| Field or county | District |
|---|---|
| NEWHALL-POTRERO | 2 |
| **Former owner** | **Date** |
| Sun Oil Company | Mar. 31, 1983 |

Name and location of well(s)

Sections 21, 22, 25, 26, 27, 28, 35, 36, T4N. R. 17W.

ALL WELLS

Description of the land upon which the well(s) is (are) located

| Date of transfer, sale, assignment, conveyance, or exchange | New owner | Type of organization |
|---|---|---|
| 1/1/82 | Sun Exploration & Production Co. | Company |
| | Address: P.O. Box 55060, Valencia, Ca. 91355 | Telephone No. (805) 257-6200 |

Reported by: Sun Oil Company

Confirmed by: Sun Exploration & Production Co.

| New operator new status (status abbreviation) | Request designation of agent |
|---|---|
| PA | on file |
| **Old operator new status (status abbreviation)** | **Remarks** |
| Ab | NAME CHANGE ONLY |

| Deputy Supervisor | Signature |
|---|---|
| Murray W. Dosch | [illegible] |

**OPERATOR STATUS ABBREVIATIONS**

PA – Producing Active
NPA – No Potential, Active
PI – Potential Inactive
NPI – No Potential, Inactive
Ab – Abandoned or No More Wells

**FORM AND RECORD CHECK LIST**

| Form or record | Initials | Date | Form or record | Initials | Date |
|---|---|---|---|---|---|
| Form OGD121 | | | Map and book | | |
| Form ODG148 | | | Notice to be cancelled | | |
| New well cards | | | Bond status | | |
| Well records | | | EDP files | | |
| Electric logs | | | | | |
| Production reports | | | | | |

OGD156 (12-77-GSR1-2M)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

# REPORT OF WELL ABANDONMENT

Santa Paula, California

July 14, 1981

Mr. L. B. Carroll, Jr., Agent
Sun Oil Company
23928 Lyons Avenue
Newhall, CA 91321

Your report of abandonment of well "Rancho San Francisco" 104 (Name and number),
A.P.I. No. 037-13283, Section 28, T. 4N, R. 17W, S. B. B. & M.,
Newhall-Potrero field, Los Angeles County,
dated 7/8/81, received 7/14/81, has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

| MAP | MAP BOOK | CARDS | BOND | FORMS | |
|---|---|---|---|---|---|
| | | | | ~~114~~ | 121 |
| 253 | M.S. 7/14/81 | | | EDP ✓ | ✓ |

M. G. MEFFERD
State Oil and Gas Supervisor

By [signature]
Deputy Supervisor
John L. Hardoin

OG159 (11-76-GSR1-8M)

OPERATOR [illegible]
LSE & NO [illegible] 104
MAP

| | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
|---|---|---|---|---|---|---|
| INTENTION | Abandon | | | | | |
| NOTICE DATED | 4-2-81 | | | | | |
| P-REPORT NUMBER | 281-114 | | | | | |
| CHECKED BY/DATE | [illegible] 7/15/81 | | | | | |
| MAP LETTER DATED | 7/15/81 | | | | | |
| SYMBOL | | | | | | |

| | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NEED | REC'D | NE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOTICE | 4-6-81 | | | | | | | | | | | |
| HISTORY | [illegible] | | | | | | | | | | | |
| SUMMARY | [illegible] | | | | | | | | | | | |
| IES/ELECTRIC LOG | | | | | | | | | | | | |
| DIRECTIONAL SURV | | | | | | | | | | | | |
| CORE/SWS DESCRIP | | | | | | | | | | | | |
| [illegible] | 5-4-81 | | | | | | | | | | | |
| OTHER (Sump plug [illegible]) | | | | | | | | | | | | |
| RECORDS COMPLETE | | | | | | | | | | | | |

ENGINEERING CHECK

| | |
|---|---|
| T-REPORTS | ✓ |
| OPERATOR'S NAME | ✓ |
| WELL DESIGNATION | ✓ |
| LOC & ELEV | ✓ |
| SIGNATURE | ✓ |
| SURFACE INSPECTION | ✓ |
| FINAL LETTER OK | ✓ |

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____ FINAL LETTER OK
MAILED _____
RELEASED BOND _____

REMARKS: Surface inspections done 5/4/81
Site has been graded and clean. There is no evidence of leakage.

R. Navia

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-13283

# WELL SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| Operator: SUN PRODUCTION COMPANY (DELAWARE) | Well: RANCHO SAN FRANCISCO 104 | | | | |
| Field: NEWHALL - POTRERO | County: LOS ANGELES | Sec. 28 | T. 4N | R. 17W | B.&M. SB |

Location (Give surface location from property or section corner, street center line and/or California coordinates): 1263' S and 360.4' W from RSF corner "J"

Elevation of ground above sea level: 895'

Commenced ~~drilling~~ (date) P&A: 4-6-81

Completed ~~drilling~~ (date) P&A: 5-4-81

Commenced producing (date): N/A

☐ Flowing ☐ Pumping ☐ Gas lift

Name of producing zone(s): 3rd & 3A

Total depth: (1st hole) 9924' (2nd) (3rd)

Present effective depth: N/A

Junk: None

Depth measurements taken from top of: ☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing

Which is ±13' feet above ground

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| "0" zone | 6465' |
| | 6495' |
| 1st zone | 6617' |
| | 7055' |
| 3rd zone | 7200' |
| | 7570' |
| 3A zone | 7652' |
| | 7956' |

Formation and age at total depth: Newhall - Potrero/Miocene

| | Clean Oil (bbl per day) | Gravity Clean Oil | Percent Water including emulsion | Gas (Mcf per day) | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial Production | N/A | | | | | |
| Production After 30 days | | | | | | |

CASING RECORD (Present Hole)

| Size of Casing (API) | Top of Casing | Depth of Shoe | Weight of Casing | Grade and Type of Casing | New or Second Hand | Size of Hole Drilled | Number of Sacks or Cubic Feet of Cement | Depth of Cementing (if through perforations) |
|---|---|---|---|---|---|---|---|---|
| 11-3/4" | surf. | 1145' | 54.5#&60# | J-55 | New | 16" | 725 SX | |
| 7" | 254' | 7639' | 23# & 26# | J-55, N-80 | New | 10-5/8" | 500 SX | |
| 5" | 7605' | 7995' | 18# | F.J N-80 | | 6" | | |
| | | | | | | | | |

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

7" Perfs: 4-3/8" holes @ 7180' WSO
2½" holes/ft: 7275'-7305; 7325-7380'; 7395-7480'
2-15/32" holes/ft: 7275-7305'; 7325-7350'; 7360-7380'; 7395-7480'; 7490-7530'.
4-3/8" holes @ 7615' WSO 5" Perfs: 168½" RMPF-7626-7994'

Was the well directionally drilled? If yes, show coordinates at total depth
☐ Yes ☒ No

DIVISION OF OIL AND GAS
RECEIVED
JUL 14 1981
SANTA PAULA, CALIFORNIA

Electrical log depths: none

Other surveys: none

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

| | | |
|---|---|---|
| Name: L. B. Carroll, Jr. | Title: District Engineer | |
| Address: P.O. Box 55060 | City: Valencia, Ca | Zip Code: 91355 |
| Telephone Number: (805) 257-6200 | Signature: L B Carroll Jr. | Date: 7-8-81 |

SUBMIT IN DUPLICATE

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

RECEIVED
JUL 1
SANTA PAULA, CALIFORNIA

## History of Oil or Gas Well

Operator SUN OIL COMPANY (DELAWARE) Field or County Newhall-Potrero
Well Rancho San Francisco #104, Sec 28, T 4N, R 17W, SB B. & M.
A.P.I. No. 037-13283 Name L. B. Carroll, Jr. (Person submitting report) Title Agent (President, Secretary or Agent)
Date 7/8/81, 19

Signature L B Carroll Jr.

P. O. Box 55060, Valencia, California 91355 (Address) (805) 257-6200 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

| Date 1981 | |
|---|---|
| 4/7 | TD 9899/PBTD 7997/11-3/4" 54.5 & 60# CSG, CMTD @ 1145 w 725 SX/7" 23#, 26#, J-55 N-80 CSG w SHOE @ 7639, CMTD w 500 SX/4 - 3/4" HOLES @ 7615 & 4 - 3/8" HOLES @ 7180 "WSO"/7" CSG PERFD w 2 - ½" HOLES/FT @ 7275-7305, 7325-7350, 7360-7380, 7395-7480, 2 - 5/32" HOLES/FT @ 7275-7305, 7325-7350, 7360-7380, 7395-7480, 7490-7530/5" 17# F.J. N-80 LNR 7605-7995, PERFD w 168 - ¼" RHPF FRM 7626-7994/WIS, FORMALLY A DISPOSAL WEL, NOT NEEDED IN WTR FLOOD PLANS/P&A WELL/ CPS MIRU/BLED WELL DN/REMOVD INJ TREE/INSTLD BOE/SPOTTED CIRC PMP & TRLR w WK STG TBG/SIFN/ |
| 4/8 | PULLED & LD DN 230 JTS 2-3/8" J-55 SHRT STG TBG, & GAS LIFT VALVES/ PULLED DUAL PKR LOOSE ON LONG STG, PULLED & MEAS OUT HOLE w 241 JTS 2-3/8" EUE 8RD TBG w TURNED DN CPLGS, DUAL PKR, GAS LIFT VALVES & BKR MOD "D" LOCATOR SEAL ASSY/MU RIH ON 241 JTS 2-3/8" TBG TO 7551/ SWI/RDMO/ |
| 4/14 | CPS MIRU/INSTLD BOE/RU HALIB, CHGD WELL OVR w 400 BBLS 72# MUD/STABD INTO MOD "D" PKR @ 7566, ESTABLISHD BRK DN OF 16 $FT^3$/MIN @ 2400 PSI/ UNSTABD FRM PKR/MXD & PMPD 59 $FT^3$ CL "G" CMT, DISPL w 10 $FT^3$ FRSH WTR & 70 $FT^3$ MUD, STABD INTO PKR, SQZD AWAY w 89 $FT^3$/MIN @ 2400 PSI/ UNSTABD, UNABL TO REV CIRC, HALIB PMP TRUCK BROKE DN, ATTMPTD w RIG PMP, TBG PLUGGED/UNPLUGD TBG w HALIB/MXD & PMPD 107 $FT^3$ CL "G" CMT, DISPL w 10 $FT^3$ WTR & 138 $FT^3$ MUD/PULLING TBG, FND 3RD JT SPLIT, TBG PLUGGED/RAN SPLIT JT TO 350, REV CIRC HOLE CLN/SIFN/ |
| 4/15 | POH w 2-3/8 TBG/LD DN 53 JTS 2-3/8" TBG PLUGGED w CMT/PU 53 JTS 2-3/8 REPLACEMENT TBG, RIH TO 7556/RU HALIB, FILLED HOLE w 72# MUD/ MXD & PMPD 107 $FT^3$ CL "G" CMT DISPL w 5 $FT^3$ WTR & 140 FT3 MUD/PULLED TBG UP TO 6860, REV CIRC HOLE CLN/PULLED TBG UP TO 6000/SIFN/ |
| 4/16 | TAGGED TOC @ 6932/DOG WITNESSED & APPROVD/PULLED & LD DN TBG/RU McCULL WIRELINE, SHOT 4 - ½" HOLES @ 150, REL McCULL/R.J. B.J, GOT BRK DN OF 16 $FT^3$ @ 800 PSI/MXD & PMPD 76 $FT^3$ CL "G" CMT w 2% $CaCl_2$, DISPL w 5 $FT^3$ WTR @ 16 $FT^3$ MIN @ 800 PSI, CMT TO SURF/REMOVD BOE/ LOADED OUT TOOLS & EQUIPT/RDMO/DROP FRM REPORT/CSG CUT OFF & SURF |

DIVISION OF OIL & GAS
History of Oil or Gas Well

RSF #104
Sec.28,T4N,R17W,SBB&M



1981

4/16 (CONT'D)
ABANDONMENT TO BE DONE AT LATER DATE/

5/12 4-16 thru 5-11/DUG OUT & REMOVD CMT CELLAR & MATS/CUT OFF WELL HD & CSG 5' BELOW SURF, WELDED ON PLATE & WELL MARKER/BK FILLED & LEVELD LOCATN/SURF PLUG & SURF LOCATN ABANDONMENT WITNESSED & APPROVED BY D.O.G. REP ON 5-4-81/WELL & SURF ABANDONMENT COMPLETE/ FINAL REPORT/

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
APR 0 1981
SANTA PAULA, CALIFORNIA

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

| FOR DIVISION USE ONLY | | | |
|---|---|---|---|
| CARDS | BOND | FORMS | |
| | | OGD114 | OGD121 |
| | BB | ✓ | ✓ |

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. Rancho San Francisco #104, API No. 037-13283, Sec. 28, T. 4N, R. 17W, SB B. & M., Newhall-Potrero Field, Los Angeles County, commencing work on April 6, 1981.

The present condition of the well is:

1. Total depth: 9924', 7997' PBTD
2. Complete casing record, including plugs and perforations:

See Attachment I

3. Last produced _____ (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

or

4. Last injected 1-81 97 BWPD N.A. (Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

5. Oil or gas shows
6. Stratigraphic markers:
7. Formation and age at total depth:
8. Base of fresh water sands: _____

The proposed work is as follows:

See Attachment II

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address Box 55060 (Street)
Valencia, California 91355 (City) (State) (Zip)
Telephone Number ( 805 ) 257-6200 (Area Code) (Number)

Sun Oil Company (Delaware) (Name of Operator)
By B. Carroll Jr. (Signature) 4/2/81 (Date)
Type of Organization Corporation (Corporation, Partnership, Individual, etc.)

OG108 (8-75—GSRI—15M)

WELL ☐ COMPLETION SUMMARY
☐ WORKOVER SUMMARY

S-114 A

Completed: June 23, 1962

DATE: June 29, 1962

| LEASE | WELL NO. | SEC. | TWP. | RGE. | COUNTY OR PARISH | STATE |
|---|---|---|---|---|---|---|
| Rancho San Francisco | 104-3,3A | 28 | 4N | 17W | Los Angeles | California |

| FIELD | SURVEY | LOCATION |
|---|---|---|
| Newhall - Potrero | - | 1263.00' S & 360.40' W fr Corner "J" |

| DATUM POINT | ELEVATION | | TOP OF CASINGHEAD FLANGE | CONTRACTOR |
|---|---|---|---|---|
| ☐ GD ☐ DF ☐ KB | | TD ____ PBTD | ____ FT. ☐ ABOVE ☐ BELOW D-P | $ /D $ /F |

## HOLE AND CASING RECORD

| HOLE DRILLED SIZE | HOLE DRILLED DEPTH | CSG. | SET AT | DESCRIPTION (WT. – THREADS – MAKE – TYPE – GRADE – COND.) | CEMENTING RECORD SACKS USED | CEMENTING RECORD SACKS TOP PLUG | REMARKS |
|---|---|---|---|---|---|---|---|
| See Previous Summary & Well Histories Dated:12-31-57 | | | | | | | |

## FORMATION RECORD

| NAME | TOP | BOTTOM | CONTENT OIL - GAS WATER |
|---|---|---|---|
| | | | |

## DRILL STEM TESTS

| DATE | INTERVAL FROM | INTERVAL TO | TIME OPEN | RECOVERY |
|---|---|---|---|---|
| | | | | |

## COMPLETION ZONE

| DATE | INTERVAL FROM | INTERVAL TO | ZONE |
|---|---|---|---|
| | | | |

## PRODUCTION PERFORATIONS

| NO. OF HOLES | INTERVAL FROM | INTERVAL TO | PURPOSE & RESULTS |
|---|---|---|---|
| | | | |

## TREATMENT RECORD

| DATE | PRODUCTION BEFORE | PRODUCTION AFTER | TREATMENT SIZE AND KIND | INTERVAL FROM | INTERVAL TO | REMARKS |
|---|---|---|---|---|---|---|
| | | | 100 Bbls wtr treated with 2 gallons Di-Chem K-423 bactericide | 3A Zone | | |
| | | | 80 Bbls Di-Chem H-LA solvent w/surfactant. | " " | | |
| | | | 20 Bbls untreated wtr. | | | |
| | | | 100 Bbls wtr treated w/K-423 bactericide | 3rd Zone | | |

## PRODUCTION RECORD (GIVE ALL PRODUCTION DATA FOR FIRST FEW DAYS AFTER COMPLETION OR WORKOVER)

| DATE | OIL BARRELS | GAS MCF | WATER BARRELS | HRS | METHOD | PRESSURES CASING | PRESSURES TUBING | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 6-30-62 | | | 509 | 18 | Injected | 20 | 420 | 3rd Zone |
| 7-30-62 | | | 541 | 24 | " | 20 | 650 | " " |
| 6-30-62 | | | 149 | 18 | Injected | 20 | 1000 | 3A Zone |
| 7-30-62 | | | 209 | 24 | " | 20 | 1900 | " " |

No notice required

ENGINEER: J. O. McDonald

SUPERINTENDENT:

*SEE DETAILED REPORT.

-114-1

THIS FORM TO BE SUBMITTED ALONG WITH FORM NO. 114 NOT LATER THAN 10 DAYS AFTER WELL COMPLETION OR ABANDONMENT IF A DRY HOLE. SHOW HISTORICAL DETAILS IN CHRONOLOGICAL ORDER, WITH DATE, CONDITION AND DEPTH OF HOLE. SHOW CHANGES IN TYPE OF MUD WITH REASONS. LOST CIRCULATION, BLOWOUTS, SURVEYS FOR DEVIATION FROM VERTICAL, DRILL STEM TESTS, CORING DEPTHS, ELECTRICAL SURVEYS, DESCRIPTION OF POSSIBLE PRODUCING ZONES CASED OFF, DESCRIPTION OF CASING JOBS SHOWING TYPES OF SHOES AND FLOAT EQUIPMENT, DETAILS OF CASING PULLED PRIOR TO COMPLETION, SIDETRACKED FISH, SHOT AND ACIDIZING RECORDS, PLUGS, ETC.

USE TYPEWRITER.

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE Rancho San Francisco WELL NO. 104-3,3A
SEC. 28 T. 4N R. 17W COUNTY Los Angeles
STATE California FIELD Newhall-Potrero
A.F.E. NO. 10-859-23

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

1962 All measurements are taken from original Kelley Bushing which is 13.30' above concrete mat.

6/15 California Production Service moved in and rigged up.

Commenced recompletion operation at 6-18-62.

Treatment Job #1 of 3rd & 3A Zones.

Treated 3A Zone w/100 Bbls water treated w/500 ppm. Di-Chem K-423 bactericide and 80 Bbls Di-Chem HL-A solvent w/surfactant. Maximum treating rate: 42 Bbls per hour at 2800 psi.

Treated 3rd Zone w/100 Bbls water treated with 1000 ppm Di-Chem K-620 bactericide.

Shut-In well to equalized.

6/20 Removed x-mas tree, installed dual head spool, and B.O.P. and tested same.

Pulled tubing.

Ran Baker "DR" packer plug, set plug in packer at 7566 ft. Dumped 2 sacks sand on top of plug.

Ran 7" 26# Baker scraper and full bore cementer, to top of sand at 7559'. Pulled up to 7540', back scuttled hole clean.

Pulled up to 7230' with full bore and tail to 7266'.

Pumped in 35 Bbls Di-Chem H-LA solvent, close tool and squeeze and displace 42 Bbls salt water.

6/21 Shock Job on 3A Zone.

Ran retrievamatic tool set at 7247' with tail to 7402'. Tool open at 6:25 AM. Had medium blow for 15 minutes, deminishing blow to dead in 25 minutes, tool closed at 7:25 AM. Pulled tools, Ran 3 11/16" Baash-Ross socket and bumper sub. Backscuttle sand from top of Model "D" (7559'-7566') Hook on to "DR" packer plug and release from Model "D". Test casing above W.S.O. holes to 2500 psi for 15 minutes. Held O.K.

Shock Job on 3rd Zone.

Ran 2 3/8" tubing with 251 tail, shock tool and seal nipple. Ran to 7817', open tool, for one hour test had medium blow for 15 minutes, decreased to medium light blow for remainder of test. Pulled shock tools, Ran in open ended and cleaned out fill from 7940 to 7990'. Backscuttle hole clean.

CORRECT J. McDonald ENGINEER APPROVED SUPERINTENDENT

6/22 Ran long string of 2 3/8" tubing, landed same in Model "D" packer at 7566 with tail to 7632' with 10,000# weight on packer.

6/23 Ran upper string, landed same in Model "K" snap type packer at 7247' with 10,000#. Removed B.O.P., installed and tested dual x-mas tree to 5000 psi. All tubing in both strings tested to 4500 psi.

See Attached Sheet Regarding Tubing Data.

Rig released at 10:30 PM (6-23-62)

6/24 Hook up flow lines.

6/25 Start water injection.

FORM 103. 62984 9-46 47,500
CALIFORNIA STATE PRINTING OFFICE

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 17 1958
LOS ANGELES, CALIFORNIA

## HISTORY OF OIL OR GAS WELL

OPERATOR Sunray Mid-Continent Oil Company FIELD Newhall-Potrero, Los Angeles County

WELL NO. "Rancho San Francisco" 104-3A, SEC. 28, T. 4N, R. 17W, S.B. B. & M.

SIGNED O. A. Graybeal

DATE December 31, 1957 TITLE O. A. Graybeal, AGENT
(PRESIDENT, SECRETARY OR AGENT)

**Use this form in reporting all important operations at the well, together with the dates thereof, in the order of their performance.** Such operations include drilling, redrilling, deepening, plugging, or altering casing as by perforating, shooting, or pulling. Include in your report size of hole drilled, redrilled, or deepened; size, weight and length of casing landed, cemented, or removed, amount and location of perforations; number of sacks of cement used in cementing or plugging operations, number of feet of cement drilled out of casing, location of top and bottom of cement plugs. If the well was dynamited, give date, dimensions and weight of all shots. If tests were made give interval tested and results of tests, such as, amount and nature of fluids recovered.

DATE
1957

All measurements are from original kelly bushing which is 13.30' above concrete mat.

11/22 Commenced workover at 8:00 am. Removed casing flange cap. Installed tubing head and B.O.P.E. Made up 6 1/8" bit, 7" casing scraper, and 2 7/8" drill pipe. Ran in hole. Hole full of crude oil.

11/23 Found bottom at 7528' (top of Lane-Wells fish). Bit plugged. Circulated bit clear.

Changed over from crude oil to 77#/cu.ft. of high pH oil emulsion mud with drill pipe hung at 7528'.

Pulled out of hole.

Set Baker Model "C" full-bore retrievable cementer at 570' on 2 7/8" drill pipe. Pressure tested between 2 7/8" drill pipe and 7" casing at 1000# for 5 minutes. Held O.K. Raised pressure to 2150# and held O.K. for 3 minutes. Released pressure and tool. Ran in hole.

Set Baker Model "C" full-bore retrievable cementer at 7100' on 2 7/8" drill pipe. Pressure tested between 2 7/8" drill pipe and 7" casing with 2500# for 10 minutes. Held O.K. Pulled out of hole.

Left packer assembly of retrievable cementer in hole (34 1/2").

Ran in with Bowen 3 1/2" tubing spear and Baash-Ross bumper sub to 7528'. Did not recover fish. Assembly thought to be shattered (assembly C.I. and rubber).

11/24 Ran in with 6 1/8" bit and drilled on junk from 7526' to 7527'. Pulled out of hole.

Ran in with 6 1/8" bit. Could not get through casing bowl at 171'.

Ran in with 6" bit and Baker scraper. Worked through casing bowl.

Ran in with 1 7/8" mill. Found top of fish at 7527'. Milled to 7531'. Pump pressure built up from 100 psi to 1200 psi. No circulation. Pulled up, regained circulation. Went back down. Stopped at 7519'. Could not circulate. Pulled out.

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Date
1957
11/25 Ran in with 2 3/8" Bowen spear. Attempted to take hold of fish at 7519'. No recovery.

Ran in with 5" K & G magnet. Made three runs. No recovery.

Ran in with 6 1/8" reamer with smooth rollers. Rolled out bad spot in casing from 171' to 172'.

Ran in with 1 7/8" inside mill on one 2 7/8" drill collar with Baash-Ross bumper sub and two 4" drill collars. Located top of packer at 7513'. Took hold of bottom fish through top fish at 7532'. Fish pulled loose with 13,000# pull at 7516'.

Ran in with Baash-Ross die tap. Found top of junk at 7513'; pushed down to 7528'.

11/26 Took hold of fish. Hung up at 172' while pulling out.

Made up 6 1/8" reamer with smooth rollers on string.

Tried to pull fish while rotating and circulating. Would not come through tight spot.

Could not release from fish.

Unbolted tubing head and picked up 7" casing and B.O.E. with fishing string (7" casing parted, probably at casing bowl). Pulled free. Relanded casing and B.O.E.

Made up Shaffer-Waggener bumper safety joint at 2901'. Could not trip bumper sub.

11/27 Pulled out and changed bumper safety joint.

Ran in to 7528' and released from bumper safety. Top of fish at 4628'.

Removed B.O.E. and tubing head.

Ran in spear on two joints of 2 7/8" drill pipe. Took hole of casing at 27'. Removed slips. Casing came free at 100,000#. Set casing down on stub; went down hole 10".

Installed 12" series 900 G.K. Hydril B.O.P.

PULLED CASING. Casing was parted 28" below original cut off (171'). Retrieved 161.31' of 7" 23#. Left top of stub at 174.61'.

CUT OFF CASING AT 254.91'. Removed casing with Baash-Ross spear.

Removed B.O.E. Faced off top of casing stub.

RAN 254.09' of 7" N-80, 26# LT&C casing with 8 1/2" OD x 4.01' OA casing bowl for 7" casing. Latched on to casing stub with casing bowl. Pulled 120,000# gross. Landed casing with 112,000# net.
Tubing head is Baash-Ross 6" series 900 with type K suspension.

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JAN 17 1958
LOS ANGELES, CALIFORNIA



e
1957
11/28 Made Hansen test to 3500 psi - O.K.

Ran top part of Shaffer-Waggener bumper safety joint. Took hold of lower part of safety joint at 4628'.

Recovered cast iron ring above packer rubbers.

Top of fish at 7529'.

Ran in with tapered tap. Screwed into remainder of Baker cementer. Recovered cementer and collar of Lane-Wells survey instrument.

Ran in with Baash-Ross close mouth socket with 2 3/8" x 2 1/8" slips on bumper sub, 4" drill collars and 2 7/8" drill pipe. Top of fish at 7530'.

11/29 Recovered 12' of 2 3/8" pipe from Lane-Wells instruments.

Ran in with 5 1/2" x 4 3/16" Baash-Ross socket. No recovery.

Ran 5 1/2" OD shop-made basket. No recovery.

Ran shop-made 6 1/8" Tungsten Wash Over shoe with five mild steel lugs 4" long. No recovery.

Top of fish at 7542'.

11/30 Worked over fish from 7542' to 7543' with 5 1/2" blank casing.

Ran 6" K & G magnet on wire line. No recovery.

12/1 Ran 5 13/16" OD Tungsten Carbide Wash Over shoe. Milled from 7542' to 7543 1/2'.

Made two runs with 6" K & G magnet. Recovered small pieces of cast iron.

Ran 6" OD Diamond Wash Over shoe. Washed over fish from 7543' to 7545'.

12/2 Ran Baash-Ross socket with lip guide and 3" slips. Recovered 6' x 3" Lane-Wells sinker bar.

Ran 6 1/8" bit and Baker junk sub. Drilled on junk and hard cement from 7548' to 7613'.

12/3 <u>RAN IN HOLE WITH BAKER FULL BORE CEMENT RETAINER</u> set at 946'. Tested casing and casing bowl to 2400 psi for 10 minutes - O.K.

Drilled out hard cement from 7613' to 7665' with 6" bit. Cleaned out 10 5/8" hole from 7665' to 7860' and 6" hole from 7860' to 8100' with 6" bit. Hole was open.

<u>CEMENT PLUG #1</u>. Laid a 30 sack Victor Hi-Temp cement plug at 115#/cu.ft. through 2 7/8" tubing hung at 8100'. Estimated top of plug at 7924'.

Ran 6 1/8" bit and 7" casing scraper to 7639'.

<u>Found top of cement plug at 7997' with 6" bit and 5000# weight.</u>

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JAN 17
LOS ANGELES, CALIFORNIA



Date
1957
12/5 HUNG 5" 18# N-80 F.J. Liner at 7995' with top of hanger at 7605'. Perforated with 168 1/4" round holes per foot from 7626' to 7994'.

Laid down 2 7/8" drill pipe. Picked up 2 7/8" tubing. Ran 5" scraper to 7980'. Changed over from mud to 500 G/G salt water. Had clear returns.

12/6 RAN YOWELL 5" PUSH OUT WASHER. Attempted to fill tubing with mud acid (28% HCl plus 5% ammonium bifluoride plus 6 gal. Rodene 203 inhibitor per 1000 gal. acid). Lost approximately 600 gallons due to reaction of acid with scale in tubing. Ran in with approximately 800 gallons of acid left in tubing and filled with salt water on top. Washed 5" liner from 7980' to 7830' with 5 gallons of acid per foot. Reran washer with 1100 gallons of acid. Washed 5" liner from 7830' to 7639'.

12/7 Dropped bar and rewashed perforations with well fluid from 7980' to 7639'.

RAN YOWELL 5" SUCTION WASHER. Washed perforations from 7980' to 7635' using 12" spacing and 5 strokes per foot. Hole took 90 barrels of water in 24 hours.

12/8 RAN YOWELL 7" PUSH OUT WASHER. Attempted to wash perforations with 800 gallons of acid from 7480' to 7395'; 7380' to 7328'; 7327' to 7325' with no success. Could not put any acid away. Backscuttled out acid when rubbers failed.

RAN YOWELL 7" SUCTION WASHER. Washed perforations from 7480' to 7377' and backscuttle Found packing gone in tool. Interval washed unknown.

12/9 RAN YOWELL 7" PUSH OUT WASHER. Attempted to wash perforations with 850 gallons of acid from 7480' to 7395' and from 7380' to 7325' with no success. Depths 7293', 7288', and 7287' in the interval from 7305' to 7275' took acid at 2500 psi. Backscuttled out acid.

SHOT 2 - 15/32" BULLET HOLES PER FOOT with Lane-Wells type "E" gun from 7275' to 7305'; 7325' to 7350'; 7360' to 7380'; 7395' to 7480'; and 7490' to 7530'. Fluid levels were 1100', 1160', 1200', 1230', 1270', 1290', and 1320'.

12/10 Ran Baker 7" casing scraper to 7400'.

RAN YOWELL 7" PUSH OUT WASHER. Washed from 7530' to 7510' before plunger rubbers failed. Continued washing perforations from 7510' to 7490' using rig pumps. Used 525 gallons of acid.

12/11 RERAN YOWELL PUSH OUT WASHER. Tried to wash perforations from 7530' to 7490' with 475 gallons of acid. Tool failed. Washed with rig pump from 7490' to 7510' and backscuttled out acid.

Ran Baker 410 retrievable full bore retainer with a Baker "C" retrievable bridge plug.

ACID SQUEEZE #1. Perforations from 7490' to 7530'. Packer at 7485' and bridge plug at 7555'. Used 80 gallons of acid at 14.3 cu ft per min with 2100 psi. Had no breakdown.

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LOS ANGELES, CALIFORNIA



Date
1957
12/11 Cont.

ACID SQUEEZE #2. Perforations from 7395' to 7480'. Packer at 7387' and bridge plug at 7485'. Used 225 gallons of acid at 16.2 cu ft per min with 2200 psi. Had no breakdown.

ACID SQUEEZE #3. Perforations from 7325' to 7380'. Packer at 7315' and bridge plug at 7387'. Used 110 gallons of acid at 13 cu ft per min with 2600 psi. Had no breakdown.

ACID SQUEEZE #4. Perforations from 7275' to 7305'. Packer at 7260' and bridge plug at 7315'. Used 60 gallons of acid at 15 cu ft per min with 2300 psi. Had no breakdown.

12/12 Stuck retainer in casing bowl at 254' while pulling out of hole. Knocked retainer down after two hours. Ran 6 1/8" feeler on 2 7/8" drill pipe through casing bowl - O.K. Worked retainer through bowl, found 6" piece of steel junk on bridge plug.

Ran in to 7595'. Found fill. Backscuttled to remove fill. Lowered tubing to 7987'. Found no fill. Pulled tubing up to 7619' and started swabbing at 6:00 pm with fluid level at 900'.

12/13 Swabbed until 4:00 pm. Recovered 447 barrels of salt water of 1260 G/G (contained HCl) with trace of oil. Fluid level remained at 3000'.

Lowered tubing to 7985'. Found no fill in liner.

Rigged up McCullough wire line and ran 5 15/16" feeler gauge to top of liner. Found top of liner at 7613' by collar measurements. Found fluid level at 2602'.

Ran and set Baker model 415D production packer at 7566'.

12/14 Ran 2 7/8" tubing with one retrievable valve mandrel to 7599'. Hydro-tested tubing to 3500 psi.

RELEASED RIG AT 10:30 AM.

M 100.
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
JUN 10 1952
LOS ANGELES

## WELL SUMMARY REPORT

Operator SUNRAY OIL CORPORATION XXXXXXXXXXXXXXXXXXXX Field NEWHALL-POTRERO

Well No. RANCHO SAN FRANCISCO #104-3 Sec. 28, T. 4 N., R. 17 W., S. B. B. & M.

Location 1263.0' S. & 360.4' W. from Corner J Elevation of ~~ground~~ kelly bushing above sea level 894.84 feet.
conc. mat 881.54

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 5, 1952 Signed R. E. Foss
R. E. Foss

F. B. Williams (Engineer or Geologist) A. G. Chancey (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling March 17, 1952 ~~Completed~~ Suspended drilling June 3, 1952 Drilling tools Rotary

Total depth 9924' Plugged depth 7548'

Junk None

| GEOLOGICAL MARKERS | DEPTH |
|---|---|
| | |

Well Suspended ~~Commenced producing~~ June 3, 1952 (date) ~~flowing/gas lift/pumping~~ (cross out unnecessary words)

| | Clean Oil bbl. per day | Gravity Clean Oil | Per Cent Water including emulsion | Gas Mcf. per day | Tubing Pressure | Casing Pressure |
|---|---|---|---|---|---|---|
| Initial production | None | | | | | |
| Production after 30 days | | | | | | |

### CASING RECORD (Present Hole)

| Size of Casing (A. P. I.) | Depth of Shoe | Top of Casing | Weight of Casing | New or Second Hand | Seamless or Lapweld | Grade of Casing | Size of Hole Casing landed in | Number of Sacks of Cement | Depth of Cement if through perforat |
|---|---|---|---|---|---|---|---|---|---|
| 11-3/4" | 1145' | 0 | 54.5 & 60 | New | Smls | J-55 | 16" | 725 | |
| 7" | 7639' | 0 | 23 & 26 | New | Smls | J-55,N-80 | 10-5/8" | 500 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### PERFORATIONS

| Size of Casing | From | To | Size of Perforations | Number of Rows | Distance Between Centers | Method of Perforations |
|---|---|---|---|---|---|---|
| 7" | 7275 ft. | 7305 ft. | Two 1/2" holes per foot | 2 | 6" | Jet Perforated |
| 7" | 7325 ft. | 7380 ft. | " | 2 | 6" | " " |
| 7" | 7395 ft. | 7480 ft. | " | 2 | 6" | " " |
| | ft. | ft. | | | | |
| | ft. | ft. | | | | |

Electrical Log Depths 1200', 7543', 7859', 7960', 8064', 8221', 8490', 8633', 8960', 9408', 9847', 9901', 9924' (Attach Copy of Log)

FORM 107. 50672 9-51 15M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
SEP 12 1957
LOS ANGELES, CALIFORNIA

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Los Angeles, Calif. September 7, 1957

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling~~, plugging and or altering casing at Well No. "Rancho San Francisco"
(Cross out unnecessary words)

104-3, Sec. 28, T. 4N, R. 17W, S.B. B. & M.

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 9924'.

2. Complete casing record.

11 3/4" 54.5# and 60#, J-55 Smls. csg. C. @ 1145' w/725 sks.
7" 23#, 26#, J-55, N-80 csg. C. @ 7639' w/500 sks.
9 1/2" x 4.40' Baash-Ross csg. bowl @ 171'.
4 - 3/8" holes at 7180' - W.S.O.
2 - 1/2" holes/ft.: 7275'-7305'; 7325'-7380'; 7395'-7480'
4 - 3/8" holes at 7615' - W.S.O.
Cement plug 7548'-7664'.
10 5/8" hole to 7860'.
Cement plug 9746'-9899'.
6" hole to 9924'.

3. Last produced. Non-producer (Date) _____ (Net Oil) _____ (Gravity) _____ (Cut)

The proposed work is as follows:

1. Drill out cement plug 7548'-7664'.
2. Clean out to 8100'.
3. Lay cement plug 7975'-8100'.
4. Hang 5" 18# perforated liner @ 7975' with top of hanger @ 7600'.
5. Complete well for water disposal.

Plug + Alter Csg.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY MID-CONTINENT OIL COMPANY
(Name of Operator)

By O. A. Grayheal Jr.
O. A. Grayheal, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 107. 50672 9-51 15M SPO

DIVISION OF OIL & G.
RECEIVED
MAY 28 1952
LOS ANGEL

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

## Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

Newhall Calif. May 26, 19 52

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling~~, plugging or ~~altering casing~~ at Well No. Rancho San Francisco #104-3, Sec. 28, T. 4 N., R. 17 W., S. B. B. & M.

(Cross out unnecessary words)

Newhall-Potrero Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 9,924 feet

2. Complete casing record.

11-3/4" 54.5# & 60# J-55 Smls Casing at 1,145 ft. with 725 sacks.
7" 23# & 26# J-55 & N-80 Smls Casing at 7,639 ft. with 500 sacks.
4 - 3/8" holes at 7,615 ft. W.S.O.
10-5/8" hole to 7,860 feet.
6" hole to 9,924 feet.

3. Last produced. Never produced. (Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

1. Plug with cement from 9,924 ft. to 9,790 ft.
2. Plug with cement from 7,659 ft. to 7,559 ft.
3. Shoot four 3/8" holes in 7" casing at 7,180 ft. and test for W.S.O.
4. Jet perforate in interval from 7,200 ft. - 7,570 ft. and test for production.

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| | | | | | |

SUNRAY OIL CORPORATION
(Name of Operator)

By R. E. Foss
R. E. Foss

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105.
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

# DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
JAN 11 1952
LOS ANGELES

037-13283

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Newhall Calif. January 8 1952

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Rancho San Francisco #104-3, Sec. 28, T. 4 N R. 17 W, SB B. & M., Newhall Potrero Field, Los Angeles County.

Lease consists of

The well is 1263.0 feet ~~N.~~ or S., and 360.4 feet ~~E.~~ or W. from corner "J"
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~ground~~ kelly bushing or conc. mat above sea level is 894.84 / 881.54 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 7700 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

| Size of Casing, Inches | Weight, Lb. Per Foot | Grade and Type | Depth | Landed or Cemented |
|---|---|---|---|---|
| 11 3/4" | 60# | J-55 Smls. | 1000' | Cemented |
| 7" | 23, 26# | J-55, N-80, Smls. | 7700' | " |
| 5 1/2" | 17# | J-55, Smls. | 8100' | Landed |
| | | | | |

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 714 W. Olympic Boulevard
Los Angeles 15, California

Telephone number RI 5171

Sunray Oil Corporation
~~BARNSDALL OIL COMPANY~~
(Name of Operator)

By R. E. Foss
R. E. Foss, Agent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

| MAP | MAP BOOK | CARDS | BOND | FORMS 114 | FORMS 121 |
|---|---|---|---|---|---|
| 18A 1-14-52 | 1-14-52 | | Blanket | | |

All wells in Newhall-Potrero transferred from SUNRAY OIL CORP. to SUNRAY MID-CONTINENT OIL CO. 5-16-55. Letter from EHM 6-2-55. Correspondence on well record of Sunray Mid-Continent Oil Co. well No. "Darling Community" 1, South Rosecrans field.

eb 6-22-55.

# TAB 8

# APPENDIX H:

# DOGGR Oil Well Abandonment Procedures

DEPARTMENT OF CONSERVATION'S

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

District 2-Ventura

# CONSTRUCTION PROJECT SITE REVIEW

AND

# WELL ABANDONMENT PROCEDURE

CALIFORNIA CONSERVATION

# OIL AND GAS WELL REVIEW PROCEDURE

| | |
|---|---|
| Applicant | Permitting Office |
| Address | |
| City Zip | Mailing Address |
| Date | City Zip |

Plan Check No. _____

Plan Checker _____
Print or Type Name Signature Phone Number

The proposed construction site is located at _____

_____

_____

There is/are _____ active, idle, or abandoned well(s) located on or adjacent to the site;
(number)
therefore, before a building/grading permit should be issued, The Division of Oil and Gas (Division) recommends that a site-plan review be obtained. The Division will determine if affected wells have been abandoned to current standards. Wells that are not abandoned to current standards may require abandonment/reabandonment. Cost of the required abandonment/reabandonment shall be the responsibility of the landowner or developer. (PRC Section 3208.1)

**THE DIVISION OF OIL AND GAS RECOMMENDS THAT A DILIGENT EFFORT BE MADE TO AVOID BUILDING NEAR ANY WELL.**

## SITE REVIEW PROCEDURE TO BE FOLLOWED BY PROJECT APPLICANT

1. Contact and make an appointment with the Division at:

   California Department of Conservation
   Division of Oil, Gas, and Geothermal Resources
   1000 S. Hill Road Suite 116
   Ventura, CA. 93003-4458

2. Provide the following information: (EXAMPLE)

   a. Area, location.....Section, Township, and Range
   b. Oil field/County.....Placerita Oil Field, L.A. County
   c. Company/Operator.....XYZ Oil Company
   d. Well Designation....."Gusher" 1
   e. Section-Township-Range: 35-T5N-R17W
   f. Major Cross streets..Main Street and X street
   (or other identifier)

3. The Division will provide you with the location or record for each well. Using this information, uncover the well(s) and have the well locations(s) surveyed by a licensed surveyor. If any well cannot be located using the original description on file, a diligent effort, including excavation, must be made to locate it.

4. The following procedures are to be used to locate wells on site plans and to verify that an adequate search was completed.

Step 1. The developer/landowner shall survey the well locations using the "location of record". If the well cannot be found then excavate at least 15 feet long, 15 feet wide, and 12 feet dig. If any indications of an oil well (i.e. cellar, oilfield debris, oil- saturated soil) are observed, or if any information available that original conditions have changed since "location of record" was determined, a larger hole may be required.

Step 2. If the well is not located using the procedures listed in step #1, a metal detector should be used to survey the area (inside and outside the excavation).

Step 3. The developer/landowner shall excavate all indicated metal detector locations by digging a hole that is at least 10 feet long, 10 feet wide, and 12 feet deep, if necessary. If any indications of an oil well are observed upon completion of the excavation, or if there is any information available that original conditions have changed since the well was drilled, a larger hole may be required.

Step 4. The developer/landowner shall notify the Division to witness all completed excavations before they are refilled. Pictures shall be taken of all excavations. The survey of the well shall be available to the Division engineer for review.

Step 5. If the well search efforts prove unsuccessful, the Division engineer and the developer shall prepare written report describing the search procedures and attach the excavation pictures.

5. **All accessible previously plugged and abandoned wells located on the project site shall be tested for gas leakage and inspected for fluid leakage.** The testing/inspection shall be done by Division personnel or the developer. If the developer performs the test, the Division shall be notified to witness the test.

   If there is any indication of fluid or gas leakage, the well condition shall be remedied, even if the well will not be located nearby a structure. The cost of the reabandonment shall be the responsibility of the landowner or developer. (PRC Section 3208.1)

6. The location of each well must be plotted on the site plan. The well survey description must reference a point on the site plan which in turn must reference a point on existing Division maps. (Section corner, Rancho corner, latitude/longitude, etc.) Identify each well with the name of the company/operator and well designation. Submit **THREE** copies of the site plan and three copies of each well-location survey to the Division.

   If a developer/landowner locates a well within a 4-foot radius of the wells "location of record", there is no need to survey the actual well location. However, the developer/landowner must verify that the well was found within 4 feet of the "location of record".

   The site plans should indicate the property boundaries, an area of at least 25 feet outward from the perimeter of the property, any proposed or existing structures, and any existing or proposed roads or streets that pass through or are immediately adjacent to the property. The site plan should also include a plot (to scale) of all existing and proposed oilfield facilities (tanks, processing equipment, pipelines, etc.) that will be operating on the site after completion of the proposed development and include a description of the existing type and height of all oilfield enclosures and list any facility modifications that are part of the development plans.

   If a structure is proposed within 10 feet of an abandoned/reabandoned well, the site plans should include an approved well-vent system designed to vent natural gases to the atmosphere. If a structure is within 25 feet of a structure and the permitting agency is Los Angeles County then an approval letter from Los Angeles County Environmental Programs Division must be submitted.

7. A Division engineer will review the submitted plans. The Division will prepare a "Plan Review" (Form OG190), which will indicate the wells on the project site and our recommendations with respect to the wells.

After the review is complete, the reviewing engineer will affix the Division certification stamp to the three copies of the site plans and three copies of the FORM OG190. One copy will be returned to the applicant and one copy will be forwarded to the permitting agency. The remaining copy will be retained by the Division.

## PLUGGING AND ABANDONMENT PERMIT PROCESS

1. Before any well operations are commenced, an application to plug and abandon or reabandon or extend casing for each well must be filed with the Division. (FORM OG108 or FORM OG123) This application must be outline the work proposed to upgrade the well to current requirements.

2. The Division will respond with a "Permit to Conduct Well Operations" that sets forth the conditions and requirements to be met.

3. When the well work is completed and all records received the Report of Well Plugging and Abandonment or Reabanonment will be issued.

**IF, DURING THE CONSTRUCTION/GRADING PROCESS, ANY PREVIOUSLY UNKNOWN WELL IS DISCOVERED, THE DIVISION MUST BE NOTIFIED IMMEDIATELY, SO PLUGGING AND ABANDONMENT REQUIREMENTS CAN BE DETERMINED.**

# ONSHORE ABANDONMENT/REABANDONMENT REQUIREMENTS
# DISTRICT 2

## General

Plugging is required to protect life, health, property, deposits of oil, gas, or fresh water from loss or damage. A written notice (OG108) stating in detail the proposed method of abandonment, must be filed. For reabandonments, a written notice (OG1123) stating in detail, the proposed method of reabandonment, must be filed. All required downhole cement plugs shall use cement that has a minimum compressive strength of 1000 psi and a maximum liquid permeability of .1 md. No more than a 4% gel mixture shall be allowed. The sand/cement ratio for downhole muds is limited to 2:1.

## Mudding

All portions of the hole not occupied by cement shall be filled with good quality, water-base mud fluid having proper weight and consistency to prevent movement of other fluids into the wellbore. Under "normal" conditions, proper weight and consistency is 72 lbs./cf with a minimum gel-shear strength (10 min.) 25 lbs./100 sq. ft.

## Surface Pour

No aggregate concrete (NO ROCKS) may be used for surface plugs. The maximum sand/cement ration that is acceptable is 4:1. When there is more than one string of casing at the surface, cement shall be placed between. The preferred alliterative is to cut and pull all inside strings before the surface plug is placed. A surface cement-pour is permitted only in an empty hole with a diameter of not less than 5 inches. Depth limitations shall be determined on an individual well basis.

## Bailers

Bailer placed cement plugs are limited to 3000' or less.

## Junk in Hole

Diligent effort shall be made to recover junk when such junk may prevent proper abandonment. In the event that the junk cannot be removed and fresh-water or oil and gas zones penetrated below cannot therefore be properly abandoned, cement shall be down-squeezed through or past the junk and a 100-foot cement plug shall be placed on top of the junk. In the event that a retainer is used, then 100 foot plug shall be placed on top of the retainer.

## Recovery of Casing

Approval to recover all casing possible will be given in the abandonment of wells where subsurface plugging can be done to the satisfaction of the Division.

## Extending Casing

The final grade of the well shall be no greater than 5 feet below ground. In the event that the casing is to be extended, it shall be extended with adequate casing of the same size of the casing that is found at the surface. In addition, the casing shall be filled with cement.

**Open Hole**

Oil and Gas Zones- Cement plug shall be place from total depth or at least 100 feet below the bottom of each oil and gas zone, whichever is less, to at least 100 feet above the top of each zone.

Freshwater Zones- A minimum 200 foot cement plug shall be placed across all fresh-saltwater interfaces. An interface plug may be placed wholly within a thick shale if such a shale separates the freshwater sands from the brackish or saltwater sands.

**Cased Hole**

Oil and Gas zones- All perforations shall be plugged with cement and the plug shall extend at least 100 feet above the top of a landed liner, the uppermost perforations, the casing cementing point or the water shut-off holes, whichever is highest. (See CCR for special requirements)

Bridge plugs- A bridge plug above the lowermost zone in a multiple-zone completion my be allowed in lieu of cement through the lowermost zone if such lowermost zone is isolated from the upper zone by cement behind casing.

Fresh water zones- a 100 feet cement plug across the fresh water interface opposite cemented casing; in un-cemented casing, squeeze cementing sufficient cement to fill 200 feet behind casing and plug 100 feet above the perforations; or cavity shot immediately below the fresh water and cemented to 100 feet above the shot.

**Surface Plugging**

The well and all annuli shall be plugged from 30 feet to 5 feet. All casing shall be cut off 5 feet below the surface or the ground. In urban areas, a steel plate shall be welded on top of all casings.

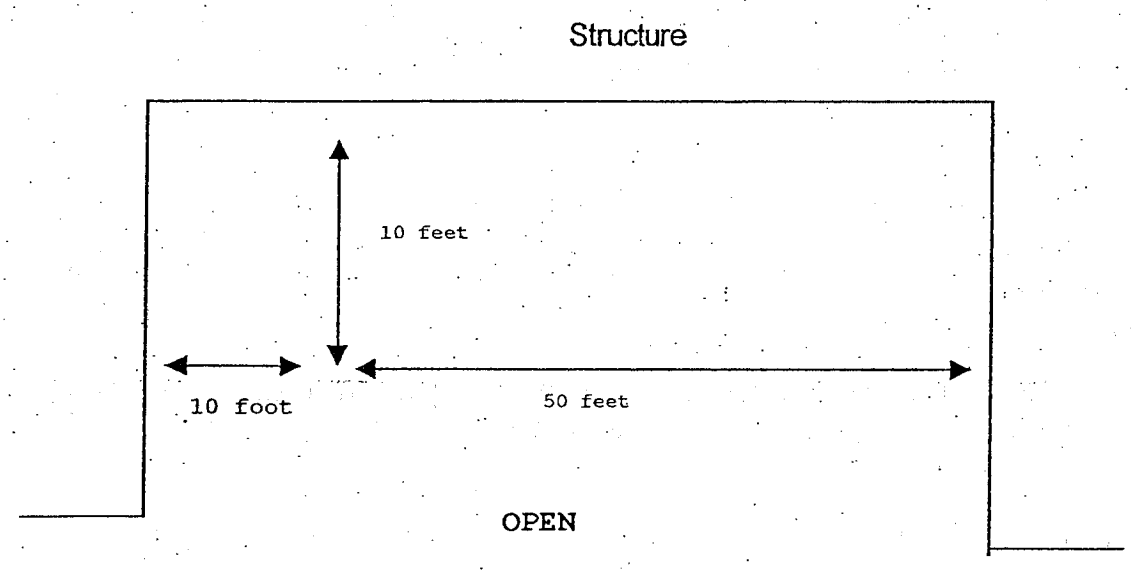
In the event that fill is proposed over the well, then the casing may have to be extended to have the top of the casing 5 feet below ground level.

**Cleanup**

Return surface to original condition as practical. Property owner with good reason may apply for exceptions. Contact Regional Water Quality Control Board for ground contamination problems. The cleanup must be performed within 60 days after the completion of the work.

# NEARBY

Nearby is defined as being within 10 feet from the structure and/or property line, limited to any two adjacent sides of the well, and within 50 feet from the property line and/or structure on the third side of the well. The fourth side of the well shall always have open access.



# Well Abandonment Contractors--District 2

| Company Name | Contact | Address | City | State | Phone # | License Number |
|---|---|---|---|---|---|---|
| AATR Entertprises | Willie Smith | 3249 South La Cienega Blvd | Los Angeles | CA | (213) 752-0055 | 629460 |
| ACCES | Hamid Assadi | 2034 Cotner Avenue 2nd Floor | Los Angeles | CA | | 557581 |
| Access Drilling | E. Abill | 2893 E La Palma Avenue | Anaheim | CA | (714)237-1187 | 763494 |
| Accurate Excavating Inc | Kevin Hodges | 27241 Burbank | Foothill Ranch | CA | (949) 598-7311 | 654063 |
| Allan Walker Inc | Ed Levin | P O Box 82531 | Bakersfield | CA | (661) 391-9152 | 493118 |
| Allwaste Transportation & Remediation Inc | Jeff Bertoni | P O Box 431 | San Ardo | CA | (831) 627-2595 | 534002 |
| Arbor Services | Jim Staley | 9155 Brown Deer Road Suite 1 | San Diego | CA | (619) 687-5475 | 688532 |
| Bud's Equipment Inc | Joe Lowry | P O Box 558 | Coalinga | CA | (559) 935-2672 | 422391 |
| CEDA Mechnical Services | Chris Davis | 2756 St Louis Avenue | Signal Hill | CA | (562) 989-3650 | 722902 |
| Clark Engineering Construction | Don Clark | 2235 N Ventura Avenue | Ventura | CA | (805) 643-8119 | 627891 |
| CMH Environmental Group Inc | Property Valuation | 2501 E Chapman Avenue Suite 100 | Fullerton | CA | (714) 447-4345 | 678295 |
| DPH Contracting Services | Daniel Hencey | 28101 Langside Avenue | Canyon Country | CA | (805) 298-4540 | 730421 |
| Ecology Control Industries | Larry Hartzell | 19500 Normandie Avenue | Torrance | CA | (310) 320-2555 | 741611 |
| El Capitan Environmental Services Inc | | 722 W Wilson Avenue | Glendale | CA | (818) 265-1222 | 640045 |
| Engineering Remediation Resource Group Inc | Randy Randall | 4070 Nelson Avenue Suite B | Concord | CA | (925) 969-0750 | 743750 |
| Env America Incorporated | Jim Larwood | 16 Technology Drive Suite 154 | Irvine | CA | (949) 453-9191 | 648559 |
| EPS Engineering Services | Patrick Mbaba | P O Box 64365 | Los Angeles | CA | (310) 826-9733 | 597765 |
| First Energy Services | Mark Sterbenk | 3143 Petrol Road | Bakersfield | CA | (661) 387-9300 | 756192 |
| Fleet Cementers Inc | Ken Moon | 1355 West Kern Street | Taft | CA | (661) 763-1859 | 727918 |
| Foss Environmental Services | Robert Russell | 909 East Harbor Drive | San Diego | CA | (619) 234-3677 | 716581 |
| Frost Equipment Rentals L.P. | Owen Clark | 250 South Hallock Drive | Santa Paula | CA | (805) 933-3334 | 763960 |
| Gary Drilling Company | Troy Azlin | 7001 Charity Avenue | Bakersfield | CA | (800) 443-5925 | 222619 |

| Company Name | Contact | Address | City | State | Phone # | License Number |
|---|---|---|---|---|---|---|
| GCE Technologies | Sharon Bison | 17244 Darwin Suite J | Hesperia | CA | (714) 632-9969 | 724889 |
| Gradient Engineers Inc | Nick Berzins | 17781 Cowan Suite 140 | Irvine | CA | (949) 477-0555 | 734297 |
| Grayson Service Inc | Bob Grayson | 4004 South Enos Lane | Bakersfield | CA | (661) 399-6300 | 287659 |
| Halliburton Energy Services Inc | Kyle Holden | 5500 Ming Avenue Suite 365 | Bakersfield | CA | (661) 837-2971 | 256183 |
| Jensen Drilling Co | Nancy Butler | 1775 Henderson Avenue | Eugene | OR | (541) 726-7435 | 340115 |
| KM Scrivner Inc | Jerry Deverick | P O Box 1075 | Coalinga | CA | (559) 935-0815 | 485655 |
| Minco Construction | Refaat Mina | P O Box 1273 | Redondo Beach | CA | (310) 376-2929 | 612429 |
| MMI Services Inc | David Knoeb | 6400 Price Way | Bakersfield | CA | (661) 589-9366 | 684884 |
| Oil Well Service Company | Paul Braden | 1241 E Burnett Street | Long Beach | CA | (562) 595-4501 | 178480 |
| PC Exploration Inc | Parris Baker | 1780 Vernon Street Suite 3 | Roseville | CA | (916) 783-9733 | 265556 |
| Pool California Energy Services Inc | Tim Barman | 1025 Earthmover Court | Bakersfield | CA | (661) 588-6140 | 115753 |
| Protec Engineering Services Inc | Kay Akinrele | 11288 Ventura Blvd Suite 284 | Studio City | CA | (818) 704-6331 | 716350 |
| QST Environmental | Tom Gibbons | 235 East Clark Ave | Orcutt | CA | (805) 938-7952 | 658022 |
| Randoph Construction | Don Randolph | P O Box 430 | Santa Maria | CA | (805) 349-1275 | 693014 |
| Redi Rental and Leasing | Thurman Rock | 841 E. Washington Avenue | Santa Ana | CA | (714) 547-9012 | 630433 |
| RMR Inc | Mario Perea | P O Box 1715 | Santa Maria | CA | (805) 928-4013 | 535800 |
| SI Nor Inc | Silas Ugorji | 1345 Fitzgerald Avenue Suite F | Rialto | CA | (909) 820-4010 | 717123 |
| Suma Pacific Corp | Rich Steward | P O Box 1251 | Grants Pass | OR | (541) 479-1461 | 461280 |
| Tetra Tech Inc | Dennis Zafuto | 3201 Airpark Drive Suite 108 | Santa Maria | CA | (805) 739-2600 | 551555 |
| The Reynolds Group | | 250 El Camino Real Suite 204 | Tustin | CA | (714) 730-5397 | 659765 |
| Tidelands Oil Production Company | Mark Kapelke | P O Box 1330 | Long Beach | CA | (562) 436-9918 | 681859 |
| Trak Environmental Group Inc | Bradford Newman | 4125 Market Street Suite 19 | Ventura | CA | (805) 650-5333 | 709623 |
| Wayne Perry Inc | Richard Kreis | 11230 Gold Express Drive, Suite 31 | Gold Rive | CA | (916) 635-6719 | 300345 |
| Western Colima Corporation | David Nowel | 1780 E McFadden Avenue Suite 11 | Santa Ana | CA | (714) 542-2644 | 638004 |
| WZI Inc. | Tom Gibbons | 235 E. Clark Avenue, Suite C | Orcutt | CA | (805) 937-2040 | 629898 |

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

CARDS ☐
BOND ☐
OGD114 ☐
OGD121 ☐

# Notice of Intention to Abandon Well

File in Duplicate

**In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon**

**Well** _____ **API No.** _____ **Sec.** _____ **T.** _____ **R.** _____ _____ **B.&M.**

_____ **Field** _____ **County, starting work on** _____

***The present condition of the well is***

**1. Total depth:**

**2. Complete casing record, with plugs and perforations (present hole):**

**3. Date last produced or injected:**

***Additional data for dry hole (show depths)***

**1. Oil or gas shows:**

**2. Stratigraphic markers:**

**3. Formation and age at total depth:**

**4. Base of freshwater sands:**

**Is this a critical well according to the definition on the reverse side of this form (or on page 2 if you are using the Internet)?**

☐ Yes ☐ No

**The proposed work is as follows:**

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address _____ (Street)

_____ (City) (State) (Zip)

Telephone Number _____ (Area Code) (Number)

_____ (Name of Operator)

By _____ (Print Name)

_____ (Signature) (Date)

OG108 (9/00)

# CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720 (a), "Critical well" means a well within:

(1) 300 feet of the following:
   (A) Any building intended for human occupancy that is not necessary to the operation of the well; or
   (B) Any airport runway.

(2) 100 feet of the following:
   (A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
   (B) Any navigable body of water or watercourse perennially covered by water;
   (C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
   (D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

07/01/04

# 2004 DOGGR Dist 2 Well Abandonment Contractors List

| ID | Company Name | Contact | Address | City State Zip | Phone Number |
|---|---|---|---|---|---|
| 1 | Alaska Petroleum Environmental Eng.,Inc. | Mr. R. Glenn Stillman | P O Box 5365 | Garden Grove CA 92846 | (714) 897-2733 |
| 2 | Allied Engineering & Construction | Ms. Tiffiny Lyons | 4700 Stockdale Hwy, Suite 140 | Bakersfield CA 93309 | (661) 325-5700 |
| 3 | APT General Contractors | Mr. Russ Elrod | P.O. Box 2124 | Bakersfield CA 93303 | (661) 323-0343 |
| 4 | BIGOL Services, Inc. | Israel Ola | 8707-D Lindley Ave., Suite 173 | Northridge CA 91325 | (818) 576-9940 |
| 5 | Brittan Industries, Inc. | Connie Smithson | 260 Fairfax Road | Bakersfield CA 93307 | (661) 366-5435 |
| 6 | CMH Environmental Group, Inc. | Property Valuation Div. | 2501 E Chapman Ave., Suite 10 | Fullerton CA 92831 | (714) 333-2220 |
| 7 | Deltech Engineering, Inc. | Ebbiteanga Abili | 1411 N. Batavia St., Suite 216 | Orange CA 92867 | (714) 289-1866 |
| 8 | Earth Tech, Inc. | Mr. Anthony Lizzi | 100 W. Broadway, Suite 240 | Long Beach CA 90802-4443 | (562) 951-2324 |
| 9 | Ecology Control Industries | Mr. Rudy Merritt | 2055 N Ventura Ave. | Ventura CA 93001-1308 | (805) 648-5123 |
| 10 | Environmental Assessment & Remediation | Ravi Pendurthi | 12201 Magnolia Ave., Suite 100 | Riverside CA 92503 | (909) 735-5575 |
| 11 | Key Energy Services - California | Mr. Monte Bertsch | 18835 Highway 65 | Bakersfield CA 93308 | (661) 399-0621 |
| 12 | KOMEX | Sean Rakhshani | 5455 Garden Grove Bl., 2nd Fl. | Westminster CA 92683-8201 | (714) 379-1157 |
| 13 | Lindmark Engineering | Mr. Mark Pacino | 5900 Cherry Ave. | Long Beach CA 90805-4408 | (562) 423-0600 |
| 14 | Macoy Resource Corporation | Mr. Gary Camack | P O Box 3980 | Paso Robles CA 93447 | (805) 227-1090 |
| 15 | Manuel Brothers, Inc. | Mr. Sean Kilgrow | 908 Taylorville Road, Suite 104 | Grass Valley CA 95949 | (530) 272-4213 |
| 16 | Minco Construction | Refaat Mina | P O Box 1273 | Redondo Beach CA 90278 | (310) 534-2504 |
| 17 | MMI Services, Inc. | Mr. Richie McGowan | 6400 Price Way | Bakersfield CA 93308 | (661) 589-9366 |
| 18 | Oil Well Service Company | Mr. Joe Campen | 1241 E Burnett Street | Long Beach CA 90806 | (562) 595-4501 |
| 19 | Pacific States Environmental Contractors | Mr. Pete Timmerman | 11555 Dublin Blvd. | Dublin CA 94568 | (925) 803-4333 |
| 20 | Pool Well Services Company | Mr. Richard Windes | 2567 Ventura Ave. | Ventura CA 93001-5400 | (805) 648-2731 |
| 21 | RMR, Inc | Mr. Mario Perea | P O Box 1715 | Santa Maria CA 93456 | (805) 928-4013 |
| 22 | Shaw Group of California | Mr. Gary Locke | 4005 Port Chicago Highway | Concord CA 94520 | (925) 288-2150 |
| 23 | SI Nor, Inc | Mr. Silas Ugorji | 1345 Fitzgerald Ave., Suite F | Rialto CA 92376 | (909) 820-4010 |
| 24 | The Pressure Grout Company | Husam Baki | 1975 National Ave. | Hayward CA 94545-1709 | (510) 887-2244 |
| 25 | Tidelands Oil Production Co. | Mr. Mark Kapelke | P O Box 1330 | Long Beach CA 90801 | (562) 436-9918 |
| 26 | Torch Rig Services, Inc. | Mr. Bob Grayson, Jr. | 20301 Stockdale Highway | Bakersfield CA 93312 | (661) 589-5338 |
| 27 | Trak Environmental Group, Inc. | Mr. Bradford Newman | 3637 B Arundel Circle | Ventura CA 93003-4977 | (805) 650-5333 |
| 28 | West Star Environmental, Inc | Mr. Phillip Mendrin | 4688 W. Jennifer, Suite 101 | Fresno CA 93722 | (559) 277-9378 |

# TAB 9

# APPENDIX I:

# UST Closure Letter

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**
**LOS ANGELES REGION**
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
(213) 266-7600

June 27, 1996

RECEIVED
JUL 0 2 1996
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

Mr. Roger Jones
Newhall Land and Farming Company
23823 Valencia Boulevard
Valencia, CA 91355

Dear Mr. Jones,

**UNDERGROUND STORAGE TANK CASE CLOSURE**
**NEWHALL LAND AND FARMING COMPANY**
**3003 WALNUT ORCHARD ROAD, NEWHALL (I-14101)**

This letter confirms the completio emedial action for the underground storage tanks formerly located at th

Based on the available information information provided to this agency was accurate and representative of sit ated to the underground storage tank release is required.

Appendix I

This notice is issued pursuant to a , California Code of Regulations, Division 3, Chapter 16, Section 2721.

Please contact Dr. Nancy Adin at (213) 266-7676, if you have any questions concerning this matter.

Sincerely,

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

Enclosure: Case Closure Summary Sheet (two pages)

cc w/o enclosure:
- Mr. Jorge Leon, State Water Resources Control Board, Office of Chief Counsel
- Mr. Dave Deaner, State Water Resources Control Board, Underground Tank Cleanup Fund
- Mr. Allan Patton, State Water Resources Control Board, Division of Clean Water Programs
- Ms. Janice Paulson, State Water Resources Control Board, Division of Clean Water Programs
- Mr. Carl Sjoberg, Los Angeles County Department of Public Works, Environmental Programs Division
- Mr. David Field, Levine-Fricke

L 39439

# TAB 10

# EDR DataMap™ Area Study

Parcel Map No. 060678
Valencia, CA 91355

March 17, 2005

Inquiry number 01376454.1r

EDR™ Environmental Data Resources Inc

## The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

**Nationwide Customer Service**

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR).

**TARGET PROPERTY INFORMATION**

**ADDRESS**

VALENCIA, CA 91355
VALENCIA, CA 91355

**DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records within the requested search area for the following databases:

**FEDERAL ASTM STANDARD**

| | |
|---|---|
| NPL | National Priority List |
| Proposed NPL | Proposed National Priority List Sites |
| CERCLIS | Comprehensive Environmental Response, Compensation, and Liability Information System |
| CERC-NFRAP | CERCLIS No Further Remedial Action Planned |
| CORRACTS | Corrective Action Report |
| RCRA-TSDF | Resource Conservation and Recovery Act Information |

**STATE ASTM STANDARD**

| | |
|---|---|
| AWP | Annual Workplan Sites |
| Cal-Sites | Calsites Database |
| Notify 65 | Proposition 65 Records |
| Toxic Pits | Toxic Pits Cleanup Act Sites |
| CA BOND EXP. PLAN | Bond Expenditure Plan |
| VCP | Voluntary Cleanup Program Properties |
| INDIAN LUST | Leaking Underground Storage Tanks on Indian Land |
| INDIAN UST | Underground Storage Tanks on Indian Land |

**FEDERAL ASTM SUPPLEMENTAL**

| | |
|---|---|
| CONSENT | Superfund (CERCLA) Consent Decrees |
| ROD | Records Of Decision |
| Delisted NPL | National Priority List Deletions |
| HMIRS | Hazardous Materials Information Reporting System |
| MLTS | Material Licensing Tracking System |
| MINES | Mines Master Index File |
| NPL Liens | Federal Superfund Liens |
| PADS | PCB Activity Database System |
| DOD | Department of Defense Sites |

INDIAN RESERV..... Indian Reservations
UMTRA..... Uranium Mill Tailings Sites
ODI..... Open Dump Inventory
FUDS..... Formerly Used Defense Sites
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS INSP..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CLEANERS..... Cleaner Facilities
DEED..... Deed Restriction Listing
WIP..... Well Investigation Program Case List
SCH..... School Property Evaluation Program
NFA..... No Further Action Determination
REF..... Unconfirmed Properties Referred to Another Agency
NFE..... Properties Needing Further Evaluation

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
VCP..... Voluntary Cleanup Program Properties

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous





waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 11/23/2004 has revealed that there is 1 RCRA-LQG site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| *T A MANUFACTURING CO* | *28065 W FRANKLIN PKWY* | *5* | *6* |

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 11/23/2004 has revealed that there is 1 RCRA-SQG site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| *CHIQUITA CANYON SANITARY LANDF* | *29201 HENRY MAYO DRIVE* | *11* | *17* |

**ERNS:** The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2003 has revealed that there is 1 ERNS site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| DEL VAL FIELD, CANYON RD. | DEL VAL FIELD, CANYON R | 14 | 28 |

STATE ASTM STANDARD

**CHMIRS:** The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2003 has revealed that there are 3

CHMIRS sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| Not reported | 28101 CHIQUITO CANYON R | 9 | 14 |
| Not reported | 27353 SAN MARTINEZ GRAN | 10 | 15 |
| Not reported | 27900 CHIQUITO CANYON R | 12 | 25 |

**CORTESE:** This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 3 Cortese sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| LA CO FD FIRE TRAINING CN | 28101 CHIQUITO CNYN | 9 | 13 |
| ***NEWHALL LAND & FARMING*** | ***3003 WALNUT ORCHARD RD*** | ***13*** | ***26*** |
| NEWHALL LAND & FARMING | 31820 HENRY MAYO DR W | 16 | 29 |

**SWF/LF:** The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| ***CHIQUITA CANYON LANDFILL INC*** | ***29201 HENRY MAYO DRIVE*** | ***11*** | ***18*** |
| ***CHIQUITA CANYON LANDFILL*** | ***29201 HENRY MAYO DR*** | ***11*** | ***21*** |

**WMUDS/SWAT:** The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, has revealed that there are 2 WMUDS/SWAT sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| UNIVERSAL BY-PRODUCTS-VALENCIA | 29201 SAUGUS-VENTURA RO | 8 | 9 |
| CHIQUITA CANYON LANDFILL | 29201 HENRY MAYO DR | 11 | 20 |





**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/10/2005 has revealed that there are 3 LUST sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| ***LA CO FD FIRE TRAINING CNTR*** | ***28101 CHIQUITO CANYON R*** | ***9*** | ***10*** |
| ***NEWHALL LAND & FARMING*** | ***3003 WALNUT ORCHARD RD*** | ***13*** | ***26*** |
| NEWHALL LAND & FARMING | 31820 HENRY MAYO DR W | 16 | 29 |

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/10/2005 has revealed that there is 1 UST site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| LAIDLAW WASTE SYSTEMS INC | 29201 HENRY MAYO DR | 11 | 17 |

**CA FID:** The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there is 1 CA FID UST site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| LAIDLAW WASTE SYSTEMS INC | 29201 HENRY MAYO DR | 11 | 17 |

**HIST UST:** Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| TRAVEL VILLAGE | 27946 HENRY MAYO DR | 6 | 7 |
| VASQUEZ FARM | 2 MI N OF HWY 126 SAN M | 15 | 29 |

**FEDERAL ASTM SUPPLEMENTAL**

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS);

Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/12/2005 has revealed that there are 3 FINDS sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| DA/PRO RUBBER INC. | 28635 BRAXTON AVENUE | 4 | 5 |
| *T A MANUFACTURING CO* | *28065 W FRANKLIN PKWY* | *5* | *6* |
| *CHIQUITA CANYON SANITARY LANDF* | *29201 HENRY MAYO DRIVE* | *11* | *17* |

**STATE OR LOCAL ASTM SUPPLEMENTAL**

**AST:** The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 12/01/2003 has revealed that there is 1 AST site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| DEL VALLE REGIONAL EMERGENCY T | 28101 CHIQUITO CANYON R | 9 | 13 |

**WDS:**California Water Resources Control Board - Waste Discharge System.

A review of the CA WDS list, as provided by EDR, and dated 12/20/2004 has revealed that there are 2 CA WDS sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| VAL VERDE CO. PARK SWIM POOL | 30300 W ARLINGTON ST | 3 | 4 |
| *CHIQUITA CANYON LANDFILL* | *29201 HENRY MAYO DR* | *11* | *21* |

**Emissions Inventory Data:**Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2002 has revealed that there is 1 EMI site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| *CHIQUITA CANYON LANDFILL* | *29201 HENRY MAYO DR* | *11* | *21* |





**CA SLIC:** SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there are 2 CA SLIC sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| UNOCAL - LINCOLN LEASE | 28101 CHIQUITO CYN | 9 | 13 |
| UNOCAL - LINCOLN LEASE | 28101 CHIQUITO CYN RD | 9 | 15 |

**HAZNET:** The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2002 has revealed that there are 8 HAZNET sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| CLANDESTINE DRUG LAB OPERATOR | 29053 1/2 COOLIDGE AVE | 1 | 3 |
| VALVERDE PARK/LA COUNTY PARKS | 30300 W ARLINGTON ST | 3 | 4 |
| BLOOMERS METAL STAMPINGS INC | 28615 BRAXTON AVE | 4 | 5 |
| *T A MANUFACTURING CO* | *28065 W FRANKLIN PKWY* | *5* | *6* |
| ERRY AVALOS TRUCKING | 28459 CHIQUITO CANYON R | 7 | 7 |
| LA CTY FIRE DEPT/DELVAL TRG CT | 28101 CHIQUITO CANYON R | 9 | 9 |
| *CHIQUITA CANYON LANDFILL INC* | *29201 HENRY MAYO DRIVE* | *11* | *18* |
| *CHIQUITA CANYON LANDFILL* | *29201 HENRY MAYO DR* | *11* | *21* |

**HMS:** Los Angeles County Industrial Waste and Underground Storage Tank Sites.

A review of the LOS ANGELES CO. HMS list, as provided by EDR, has revealed that there are 5 LOS ANGELES CO. HMS sites within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| VAL VERDE PARK - SEE FILE 2258 | 30300 W ARLINGTON ST | 2 | 3 |
| VAL VERDE PARK SWIMMING POOL | 30300 W ARLINGTON ST | 2 | 3 |
| LAIDLAW WASTE SYSTEMS INC | 29201 W HENRY MAYO DR | 8 | 8 |
| CHIQUITA CANYON LANDFILL | 29201 W HENRY MAYO DR | 8 | 8 |
| *LA CO FD FIRE TRAINING CNTR* | *28101 CHIQUITO CANYON R* | *9* | *10* |

**Site Mitigation Complaint Control Log:** The Los Angeles County Site Mitigation Log comes from Community Health Services.

A review of the LA Co. Site Mitigation list, as provided by EDR, has revealed that there is 1 LA Co. Site Mitigation site within the searched area.

| Site | Address | Map ID | Page |
|---|---|---|---|
| DEL VALLE TRAINING CENTER | 28101 CHIQUITO CANYON R | 9 | 10 |

# EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.



## MAP FINDINGS SUMMARY

| Database | Total Plotted |
|---|---|
| **FEDERAL ASTM STANDARD** | |
| NPL | 0 |
| Proposed NPL | 0 |
| CERCLIS | 0 |
| CERC-NFRAP | 0 |
| CORRACTS | 0 |
| RCRA TSD | 0 |
| RCRA Lg. Quan. Gen. | 1 |
| RCRA Sm. Quan. Gen. | 1 |
| ERNS | 1 |
| **STATE ASTM STANDARD** | |
| AWP | 0 |
| Cal-Sites | 0 |
| CHMIRS | 3 |
| Cortese | 3 |
| Notify 65 | 0 |
| Toxic Pits | 0 |
| State Landfill | 2 |
| WMUDS/SWAT | 2 |
| LUST | 3 |
| CA Bond Exp. Plan | 0 |
| UST | 1 |
| VCP | 0 |
| INDIAN LUST | 0 |
| INDIAN UST | 0 |
| CA FID UST | 1 |
| HIST UST | 2 |
| **FEDERAL ASTM SUPPLEMENTAL** | |
| CONSENT | 0 |
| ROD | 0 |
| Delisted NPL | 0 |
| FINDS | 3 |
| HMIRS | 0 |
| MLTS | 0 |
| MINES | 0 |
| NPL Liens | 0 |
| PADS | 0 |
| DOD | 0 |
| INDIAN RESERV | 0 |
| UMTRA | 0 |
| ODI | 0 |
| FUDS | 0 |
| RAATS | 0 |
| TRIS | 0 |

## MAP FINDINGS SUMMARY

| Database | Total Plotted |
|---|---|
| TSCA | 0 |
| SSTS | 0 |
| FTTS | 0 |
| **STATE OR LOCAL ASTM SUPPLEMENTAL** | |
| AST | 1 |
| CLEANERS | 0 |
| CA WDS | 2 |
| DEED | 0 |
| EMI | 1 |
| WIP | 0 |
| SCH | 0 |
| NFA | 0 |
| REF | 0 |
| NFE | 0 |
| SLIC | 2 |
| Ventura Co. BWT | 0 |
| HAZNET | 8 |
| Los Angeles Co. HMS | 5 |
| LA Co. Site Mitigation | 1 |
| AOCONCERN | 0 |
| **EDR PROPRIETARY HISTORICAL DATABASES** | |
| Coal Gas | 0 |
| **BROWNFIELDS DATABASES** | |
| US BROWNFIELDS | 0 |
| VCP | 0 |

NOTES:

Sites may be listed in more than one database



## MAP FINDINGS

Map ID / Direction / Distance / Distance (ft.) | Site | Database(s) | EDR ID Number / EPA ID Number

**Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.**

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**1** **CLANDESTINE DRUG LAB OPERATOR UNKNOWN** — HAZNET — S102827731 / N/A
**29053 1/2 COOLIDGE AVE**
**VAL VERDE, CA 91384**

HAZNET:
- Gepaid: CLU950002192
- TSD EPA ID: AZD049318009
- Gen County: Los Angeles
- Tsd County: 99
- Tons: 1.1600
- Waste Category: Laboratory waste chemicals
- Disposal Method: Transfer Station
- Contact: UNKNOWN
- Telephone: (000) 000-0000
- Mailing Address: DTSC CLU/ERU, SACRAMENTO, CA 95812 - 0806
- County: Los Angeles

---

**2** **VAL VERDE PARK - SEE FILE 22587** — LOS ANGELES CO. HMS — S102064611 / N/A
**30300 W ARLINGTON ST**
**UNINCORPORATED, CA**

HMS:
- Facility Id: 008840-016403
- Area: 7
- Facility Type: Not reported
- Permit Number: Not reported — Permit Status: Not reported
- Facility Status: OPEN
- Region: Los Angeles County:

---

**2** **VAL VERDE PARK SWIMMING POOL** — LOS ANGELES CO. HMS — U003064451 / N/A
**30300 W ARLINGTON ST**
**UNINCORPORATED, CA**

HMS:
- Facility Id: 008840-I16403
- Area: 7
- Facility Type: I04
- Permit Number: 000012509 — Permit Status: Permit
- Facility Status: Permit
- Region: Los Angeles County:

- Facility Id: 008840-022587
- Area: 7
- Facility Type: T1
- Permit Number: 000134557 — Permit Status: Removed
- Facility Status: Removed
- Region: Los Angeles County:

3 **VAL VERDE CO. PARK SWIM POOL** — CA WDS — S105689270 / N/A
**30300 W ARLINGTON ST**
**SAUGUS, CA 91350**

WDS:

| | | | |
|---|---|---|---|
| Facility ID: | Santa Clara River 190107086 | | |
| Facility Contact | Leroy Pace | Facility Telephone | Not reported |
| SIC Code: | 7999 | SIC Code 2: | Not reported |
| Agency Name: | LA CO DEPT OF PARKS&RECREATION | | |
| Agency Address: | 0 | | |
| Agency Contact: | Not reported | Agency Phone: | Not reported |
| Design Flow: | 0 Million Gal/Day | Baseline Flow: | 0 Million Gal/Day |

Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

Agency Type: County

Waste Type: Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type) - Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Threat to Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Reclamation: No reclamation requirements associated with this facility.

POTW: The facility is not a POTW.

NPDES Number: CA0062561 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 4

---

3 **VALVERDE PARK/LA COUNTY PARKS & RECREAT** — HAZNET — S103994102 / N/A
**30300 W ARLINGTON ST**
**CASTAIC, CA 91384**

HAZNET:

| | |
|---|---|
| Gepaid: | CAC001035856 |
| TSD EPA ID: | CAT080013352 |
| Gen County: | Los Angeles |
| Tsd County: | Los Angeles |
| Tons: | .4170 |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Contact: | LA COUNTY DEPT OF PARKS & |
| Telephone: | (714) 458-4923 |
| Mailing Address: | P O BOX 1460<br>ALHAMBRA, CA 91802 - 1460 |
| County | Los Angeles |





**VALVERDE PARK/LA COUNTY PARKS & RECREAT (Continued)** — S103994102

| | |
|---|---|
| Gepaid: | CAC001035856 |
| TSD EPA ID: | CAD980883177 |
| Gen County: | Los Angeles |
| Tsd County: | Kern |
| Tons: | 6.8805 |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Contact: | LA COUNTY DEPT OF PARKS & |
| Telephone: | (714) 458-4923 |
| Mailing Address: | P O BOX 1460<br>ALHAMBRA, CA 91802 - 1460 |
| County | Los Angeles |

| | |
|---|---|
| Gepaid: | CAC001035856 |
| TSD EPA ID: | CAT080013352 |
| Gen County: | Los Angeles |
| Tsd County: | Los Angeles |
| Tons: | .4170 |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Contact: | LA COUNTY DEPT OF PARKS & |
| Telephone: | (714) 458-4923 |
| Mailing Address: | P O BOX 1460<br>ALHAMBRA, CA 91802 - 1460 |
| County | Los Angeles |

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4 **BLOOMERS METAL STAMPINGS INC** — HAZNET — S105724739 / N/A
**28615 BRAXTON AVE**
**VALENCIA, CA 91355**

HAZNET:

| | |
|---|---|
| Gepaid: | CAL000214634 |
| TSD EPA ID: | Not reported |
| Gen County: | Los Angeles |
| Tsd County: | Kings |
| Tons: | 4.21 |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Disposal, Land Fill |
| Contact: | PERRY BLOOMER / VICE PRESIDENT |
| Telephone: | (661) 257-2955 |
| Mailing Address: | 28615 BRAXTON AVE<br>VALENCIA, CA 91355 |
| County | Not reported |

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4 **DA/PRO RUBBER INC.** — FINDS — 1007467251 / 110017408517
**28635 BRAXTON AVENUE**
**VALENCIA, CA 91355**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RBLC

5 **T A MANUFACTURING CO**
**28065 W FRANKLIN PKWY**
**VALENCIA, CA 91355**

FINDS 1001231332
HAZNET CAR000039230
RCRA-LQG

RCRAInfo:
Owner: T A MANUFACTURING CO
(805) 775-1100
EPA ID: CAR000039230
Contact: DAVID SCHMIDT
(805) 775-1100
Classification: Large Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HWTS-DATAMART
Resource Conservation and Recovery Act Information system

HAZNET:
Gepaid: CAR000039230
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: 99
Tons: 0.00
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Incineration
Contact: ERIC BENFORD
Telephone: (661) 775-1100
Mailing Address: 28065 W FRANKLIN PKWY
VALENCIA, CA 91355
County Not reported

Gepaid: CAR000039230
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: 99
Tons: 0.10
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Disposal, Land Fill
Contact: ERIC BENFORD
Telephone: (661) 775-1100
Mailing Address: 28065 W FRANKLIN PKWY
VALENCIA, CA 91355
County Not reported

Gepaid: CAR000039230
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: 99
Tons: 0.04
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: ERIC BENFORD
Telephone: (661) 775-1100
Mailing Address: 28065 W FRANKLIN PKWY
VALENCIA, CA 91355
County Not reported





**T A MANUFACTURING CO (Continued)** 1001231332

Gepaid: CAR000039230
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 3.62
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: ERIC BENFORD
Telephone: (661) 775-1100
Mailing Address: 28065 W FRANKLIN PKWY
VALENCIA, CA 91355
County Not reported

Gepaid: CAR000039230
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.40
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: ERIC BENFORD
Telephone: (661) 775-1100
Mailing Address: 28065 W FRANKLIN PKWY
VALENCIA, CA 91355
County Not reported

Click this hyperlink while viewing on your computer to access
55 additional CA HAZNET record(s) in the EDR Site Report.

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6 **TRAVEL VILLAGE**
**27946 HENRY MAYO DR**
**CASTAIC, CA 91355**

HIST UST U001567876
N/A

UST HIST:
Facility ID: 41379
Total Tanks: 1
Owner Address: 23823 VALENCIA BOULEVARD
VALENCIA, CA 91355
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00000500
Type of Fuel: REGULAR
Leak Detection: None
Contact Name: AL NUSBAUM
Facility Type: Other

Owner Name: NEWHALL INVESTMENT PROPERTIES
Region: STATE
Container Num: 1
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (805) 255-4222
Other Type: CAMPGROUND

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7 **ERRY AVALOS TRUCKING**
**28459 CHIQUITO CANYON RD**
**VAL VERDE, CA 91350**

HAZNET S105724410
N/A

**ERRY AVALOS TRUCKING (Continued)** — S105724410

HAZNET:
- Gepaid: CAL000207708
- TSD EPA ID: Not reported
- Gen County: Los Angeles
- Tsd County: Los Angeles
- Tons: 0.02
- Waste Category: Unspecified organic liquid mixture
- Disposal Method: Not reported
- Contact: ROBERT AVALOS
- Telephone: (818) 367-8415
- Mailing Address: 28459 CHIQUITO CANYON RD VAL VERDE, CA 91350
- County: Not reported

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8 **LAIDLAW WASTE SYSTEMS INC** — LOS ANGELES CO. HMS — S102064584 / N/A
29201 W HENRY MAYO DR
UNINCORPORATED, CA

HMS:
- Facility Id: 005897-006111
- Area: 7
- Facility Type: T0
- Permit Number: 00005841T — Permit Status: Closed
- Facility Status: Permit
- Region: Los Angeles County:

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8 **CHIQUITA CANYON LANDFILL** — LOS ANGELES CO. HMS — 1001865073 / N/A
29201 W HENRY MAYO DR
UNINCORPORATED, CA

HMS:
- Facility Id: 005897-I06111
- Area: 7
- Facility Type: I08
- Permit Number: 00008047C — Permit Status: Closed
- Facility Status: Permit
- Region: Los Angeles County:

- Facility Id: 005897-037921
- Area: 7
- Facility Type: I09
- Permit Number: 000366573 — Permit Status: Permit
- Facility Status: Permit
- Region: Los Angeles County:

- Facility Id: 005897-037920
- Area: 7
- Facility Type: T0
- Permit Number: 000357253 — Permit Status: Permit
- Facility Status: Permit
- Region: Los Angeles County:





8 **UNIVERSAL BY-PRODUCTS-VALENCIA** — WMUDS/SWAT — S103441396 / N/A
29201 SAUGUS-VENTURA ROAD
VALENCIA, CA

WMUDS:
- Region: 4
- Date of Last Facility Edit: Not reported
- Last Facility Editors: Not reported
- Waste Discharge System ID: 4 190133NUR
- Solid Waste Information ID: Not reported
- Waste Discharge System: False
- Solid Waste Assessment Test Program: True
- Facility Name: Not reported
- Toxic Pits Cleanup Act Program: False
- Resource Conservation Recovery Act Program: False
- Department of Defense: False
- Open to Public: False
- Number of WMUDS at Facility: 1
- Facility Telephone: Not reported
- Primary Standard Industrial Classification: Not reported
- Secondary Standard Industrial Classification: Not reported
- Solid Waste Assessment Test Program Name: UNIVERSAL BY-PRODUCTS
- NPID: Not reported
- Tonnage: 0
- Regional Board ID: Not reported
- Municipal Solid Waste: False
- Superorder: False
- Sub Chapter 15: False
- Reg. Board Project Officer: LT
- Section Range: Not reported
- RCRA Facility: Not reported
- Waste Discharge Requirements: Not reported
- Base Meridian: Not reported
- Waste List: False
- Facility Description: Not reported
- Self-Monitoring Rept. Frequency: Not reported
- Threat to Water Quality: Not reported
- Agency: UNIVERSAL BY-PRODUCTS
  - Address: Not reported
  - Department: Not reported
- Contact: Not reported
  - Telephone: Not reported
- Landowner: Not reported
  - Address: CA
  - Telephone: Not reported
  - Contact: Not reported

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9 **LA CTY FIRE DEPT/DELVAL TRG CTR** — HAZNET — S103649248 / N/A
28101 CHIQUITO CANYON ROAD
CASTAIC, CA 91384

HAZNET:
- Gepaid: CAL000100193
- TSD EPA ID: CAT080013352
- Gen County: Los Angeles
- Tsd County: Los Angeles
- Tons: .6255
- Waste Category: Waste oil and mixed oil
- Disposal Method: Recycler
- Contact: COUNTY OF LOS ANGELES-FIRE DEP
- Telephone: (818) 448-0161

**LA CTY FIRE DEPT/DELVAL TRG CTR (Continued)** — S103649248

Mailing Address: 1320 N EASTERN AVE
LOS ANGELES, CA 90063 - 3294
County: Los Angeles

Gepaid: CAL000100193
TSD EPA ID: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .5293
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: COUNTY OF LOS ANGELES-FIRE DEP
Telephone: (818) 448-0161
Mailing Address: 1320 N EASTERN AVE
LOS ANGELES, CA 90063 - 3294
County: Los Angeles

Gepaid: CAL000100193
TSD EPA ID: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3880
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: COUNTY OF LOS ANGELES-FIRE DEP
Telephone: (818) 448-0161
Mailing Address: 1320 N EASTERN AVE
LOS ANGELES, CA 90063 - 3294
County: Los Angeles

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9 **DEL VALLE TRAINING CENTER** — LA Co. Site Mitigation — S103697023
**28101 CHIQUITO CANYON RD** — N/A
**, CA 91350**

Site Mitigation Log:
Case Number: 91S259
Abatement Date: 08/12/97
Thomas Guide Page Numbers: 4549C2

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9 **LA CO FD FIRE TRAINING CNTR** — LUST — S102064540
**28101 CHIQUITO CANYON RD N** — LOS ANGELES CO. HMS — N/A
**CASTAIC, CA 91384**

State LUST:
Cross Street: SAN MARTINEZ CYN RD
Qty Leaked: Not reported
Case Number: R-00003
Reg Board: 4
Chemical: Hydrocarbons
Lead Agency: Local Agency
Local Agency: 19000
Case Type: Soil only
Status: Leak being confirmed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 1991-04-10 00:00:00 Confirm Leak: 1991-04-10 00:00:00





**LA CO FD FIRE TRAINING CNTR (Continued)** — S102064540

Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id: Not reported
Discover Date: Not reported
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 1998-02-18 00:00:00
Funding: Not reported
Staff Initials: Not reported
How Discovered: OM
How Stopped: Not reported
Interim: Not reported
Leak Cause: Not reported
Leak Source: Tank
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: UNK
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: UNNAMED BASIN
Operator: Not reported
Oversight Prgm: LUST
Review Date: 1997-12-03 00:00:00
Stop Date: Not reported
Work Suspended: Not reported
Responsible Party: UNOCAL CORP
RP Address: 2125 KNOLL DR., P.O. BOX 6176, VENTURA, CA 93003
Global Id: T0603704507
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: TPH 17000 PPM, 36000 PPM & 20000 PPM IN SOIL TO GW 300 FT BGS. DEPTH

LUST Region 4:
Report Date: 12/3/1997
Lead Agency: Local Agency
Local Agency: 19000
Substance: Hydrocarbons
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: UNK

**LA CO FD FIRE TRAINING CNTR (Continued)** — **S102064540**

Date Case Last Changed on Database: 12/3/1997
Date Leak Record Entered: 2/18/1998
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: UNOCAL CORP
RP Address: 2125 KNOLL DR., P.O. BOX 6176, VENTURA, CA 93003
Significant Interim Remedial Action Taken: Not reported
Program : LUST
Lat / Long : 34.4358266 / -1
Local Agency Staff: Not reported
Beneficial Use : Not reported
Priority : Not reported
Cleanup Fund Id : Not reported
Suspended : Not reported
Local Case No : Not reported
Substance Quantity : Not reported
Abatement Method Used at the Site: Excavate and Dispose
Operator : Not reported
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 9459.714039792429287988283234
Assigned Name : Not reported
W Global ID : Not reported
Source of Cleanup Funding: Not reported
Date the Leak was Discovered: 4/10/1991
How the Leak was Discovered: OM
How the Leak was Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Tank
Date The Leak was Stopped: Not reported
Date Confirmation Leak Began: 4/10/1991
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: Not reported
Enforcement Action Date: Not reported
Date Leak First Reported: 12/3/1997
Enforcement Type: Not reported
Global ID : T0603704507
Cross Street: SAN MARTINEZ CYN RD
Summary : TPH 17000 PPM, 36000 PPM & 20000 PPM IN SOIL DEPTH TO GW 300 FT BGS.

HMS:
Facility Id: 000003-I00003
Area: 7
Facility Type: I09
Permit Number: 000008347 Permit Status: Removed





**LA CO FD FIRE TRAINING CNTR (Continued)** — **S102064540**

Facility Status: Removed
Region: Los Angeles County:

Facility Id: 000003-000003
Area: 7
Facility Type: T0
Permit Number: 00004318T Permit Status: Removed
Facility Status: Removed
Region: Los Angeles County:

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9 **UNOCAL - LINCOLN LEASE** — CA SLIC — S104404774
**28101 CHIQUITO CYN** — N/A
**CASTAIC, CA 91384**

SLIC Region 4:
Facility Status: Closure
Region: 4
SLIC 0520B
Staff: Manjulika Chakarbarti
Substance: TPH

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9 **LA CO FD FIRE TRAINING CN** — Cortese — S105023127
**28101 CHIQUITO CNYN** — N/A
**CASTAIC, CA 91384**

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

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9 **DEL VALLE REGIONAL EMERGENCY TRAINING CTR** — AST — A100210954
**28101 CHIQUITO CANYON RD** — N/A
**CASTAIC, CA 91384**

**DEL VALLE REGIONAL EMERGENCY TRAINING CTR (Continued)** — A100210954

AST:
Owner: LOS ANGELES COUNTY FIRE DEPT
Total Gallons: 2000

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**9** — CHMIRS — S106396146 / N/A

**28101 CHIQUITO CANYON RD.**
**VAL VERDE, CA 90063**

CHMIRS:

| | |
|---|---|
| OES Control Number: | 03-5529 |
| Chemical Name: | Crude Oil |
| Extent of Release: | Not reported |
| Property Use: | Not reported |
| Incident Date: | Not reported |
| Date Completed: | Not reported |
| Time Completed : | Not reported |
| Agency Id Number : | Not reported |
| Agency Incident Number : | Not reported |
| OES Incident Number : | 03-5529 |
| Time Notified : | Not reported |
| Surrounding Area : | Not reported |
| Estimated Temperature : | Not reported |
| Property Management : | Not reported |
| More Than Two Substances Involved? : | Not reported |
| Special Studies 1 : | Not reported |
| Special Studies 2 : | Not reported |
| Special Studies 3 : | Not reported |
| Special Studies 4 : | Not reported |
| Special Studies 5 : | Not reported |
| Special Studies 6 : | Not reported |
| Responding Agency Personel # Of Injuries : | Not reported |
| Responding Agency Personel # Of Fatalities : | 0 |
| Resp Agncy Personel # Of Decontaminated : | Not reported |
| Others Number Of Decontaminated : | Not reported |
| Others Number Of Injuries : | Not reported |
| Others Number Of Fatalities : | Not reported |
| Vehicle Make/year : | Not reported |
| Vehicle License Number : | Not reported |
| Vehicle State : | Not reported |
| Vehicle Id Number : | Not reported |
| CA/DOT/PUC/ICC Number : | Not reported |
| Company Name : | Not reported |
| Reporting Officer Name/ID : | Not reported |
| Report Date : | Not reported |
| Comments : | Not reported |
| Facility Telephone Number : | Not reported |
| Waterway Involved : | Not reported |
| Waterway : | Unknown |
| Spill Site : | Pipe Line |
| Cleanup By : | Unknown |
| Containment : | No |
| What Happened : | Not reported |
| Type : | Not reported |
| Other : | Not reported |
| Chemical 1 : | Not Reported |
| Chemical 2 : | Not Reported |
| Chemical 3 : | Not Reported |
| Date/Time : | 10/25/200307:20:41 AM |





**(Continued)** — S106396146

| | |
|---|---|
| Evacuations : | 0 |
| True date : | 12/31/03 |
| Year : | 2003 |
| Agency : | Los Angeles County Fire |
| BBLS : | 0 |
| Cups : | 0 |
| CUFT : | 0 |
| Gallons : | 0.000000 |
| Grams : | 0 |
| Pounds : | 0 |
| Liters : | 0 |
| Ounces : | 0 |
| Pints : | 0 |
| Quarts : | 0 |
| Sheen : | 0 |
| Tons : | 0 |
| Unknown : | 0 |
| Description : | Bulldozer hit a pipeline. The person reporting the spill requested DFG be notified, so there may be a potential for waterway involvement. |
| Incident date : | 10/25/200312:00:00 AM |
| Admin Agency : | L. A. County Fire Prevention |
| OES date : | Not reported |
| OES time : | Not reported |
| Amount : | Not reported |

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**9** — **UNOCAL - LINCOLN LEASE** — CA SLIC — S106485611 / N/A
**28101 CHIQUITO CYN RD**
**CASTAIC, CA 91384**

CA STATE SLIC :

| | |
|---|---|
| Global Id : | SLT43336334 |
| Region : | STATE |
| Assigned Name : | SLICSITE |
| Lead Agency Contact : | MANJULIKA CHAKRABARTI |
| Lead Agency : | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number : | 0520B |
| Responsible Party : | Not reported |
| Recent Dtw : | Not reported |
| Substance Released : | Not reported |

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**10** — CHMIRS — S105648719 / N/A

**27353 SAN MARTINEZ GRANDE CANYON**
**SANTA CLARITA, CA**

CHMIRS:

| | |
|---|---|
| OES Control Number: | 97-4284 |
| Chemical Name: | crude oil |
| Extent of Release: | Not reported |
| Property Use: | Not reported |
| Incident Date: | Not reported |
| Date Completed: | Not reported |
| Time Completed : | Not reported |
| Agency Id Number : | Not reported |
| Agency Incident Number : | Not reported |
| OES Incident Number : | 97-4284 |
| Time Notified : | Not reported |
| Surrounding Area : | Not reported |

(Continued) S105648719

| | |
|---|---|
| Estimated Temperature : | Not reported |
| Property Management : | Not reported |
| More Than Two Substances Involved? : | Not reported |
| Special Studies 1 : | Not reported |
| Special Studies 2 : | Not reported |
| Special Studies 3 : | Not reported |
| Special Studies 4 : | Not reported |
| Special Studies 5 : | Not reported |
| Special Studies 6 : | Not reported |
| Responding Agency Personel # Of Injuries : | Not reported |
| Responding Agency Personel # Of Fatalities : | 0 |
| Resp Agncy Personel # Of Decontaminated : | Not reported |
| Others Number Of Decontaminated : | Not reported |
| Others Number Of Injuries : | Not reported |
| Others Number Of Fatalities : | Not reported |
| Vehicle Make/year : | Not reported |
| Vehicle License Number : | Not reported |
| Vehicle State : | Not reported |
| Vehicle Id Number : | Not reported |
| CA/DOT/PUC/ICC Number : | Not reported |
| Company Name : | Not reported |
| Reporting Officer Name/ID : | Not reported |
| Report Date : | Not reported |
| Comments : | Not reported |
| Facility Telephone Number : | Not reported |
| Waterway Involved : | Yes |
| Waterway : | River Bed |
| Spill Site : | Road |
| Cleanup By : | To be determined |
| Containment : | No |
| What Happened : | Not reported |
| Type : | Not reported |
| Other : | Not reported |
| Chemical 1 : | Not Reported |
| Chemical 2 : | Not Reported |
| Chemical 3 : | Not Reported |
| Date/Time : | 10/27/199702:45:52 PM |
| Evacuations : | 0 |
| True date : | 12/31/03 |
| Year : | 1997 |
| Agency : | CHP - Los Angeles |
| BBLS : | 0 |
| Cups : | 0 |
| CUFT : | 0 |
| Gallons : | 0.000000 |
| Grams : | 0 |
| Pounds : | 0 |
| Liters : | 0 |
| Ounces : | 0 |
| Pints : | 0 |
| Quarts : | 0 |
| Sheen : | 0 |
| Tons : | 0 |
| Unknown : | 0 |
| Description : | A tanker truck loaded with 1,000 gals of crude oil was involved in a traffic accident an unknown amount of the crude oil was released. The release is ongoing. The substance going into the |





(Continued) S105648719

| | |
|---|---|
| | Santa Clarita River Bed, No flowing water in the riverbed at this |
| Incident date : | 10/27/199712:00:00 AM |
| Admin Agency : | Not reported |
| OES date : | Not reported |
| OES time : | Not reported |
| Amount : | Not reported |

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11 **LAIDLAW WASTE SYSTEMS INC** UST U003776127
29201 HENRY MAYO DR N/A
CASTAIC, CA 91384

State UST:
Facility ID: 6111
Total Tanks: 1
Region: STATE
Local Agency: 19000

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11 **CHIQUITA CANYON SANITARY LANDFILL** RCRA-SQG 1000820545
29201 HENRY MAYO DRIVE FINDS CAD983666041
CASTAIC, CA 91384

RCRAInfo:
Owner: LAIDLAW WASTE SYSTEMS INC
(805) 257-3655
EPA ID: CAD983666041
Contact: SONNY STAATS
(805) 257-3655
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
National Emissions Inventory
Resource Conservation and Recovery Act Information system
Solid Waste Inventory System (California sub-system of landfills)

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11 **LAIDLAW WASTE SYSTEMS INC** CA FID UST S101586012
29201 HENRY MAYO DR N/A
VALENCIA, CA 91355

**LAIDLAW WASTE SYSTEMS INC (Continued)** S101586012

FID:
Facility ID: 19036223 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (805) 257-3655
Mail To: Not reported
29201 HENRY MAYO DR
VALENCIA, CA 91355
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

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11 **CHIQUITA CANYON LANDFILL INC** HAZNET S100932492
**29201 HENRY MAYO DRIVE** SWF/LF N/A
**VALENCIA, CA 91355**

LF:
Facility ID: 19-AA-0052 Operator: Republic Services Of California I, L.L.C
Operator Addr: 29201 Henry Mayo Drive
Valencia, CA 91355
Activity: Solid Waste Landfill
Operator's Status: Active
Owner: Republic Services Of California I, L.L.C
Owner Address: Not reported
29201 Henry Mayo Drive
Valencia, CA 91355
Operator Phone: (661) 257-3655 Owner Telephone: (661) 257-3655
Regulation Status:Permitted Region: STATE
Location: Not reported
Parcel Num: Not reported
Land Use: Not reported
Sig. Change Since Last Visit: Not reported
Site Size: Not reported
Other Observations: Not reported
Issue And Observations: Not reported
Recommendations / Follow Up: Not reported
Lat/Long: 34.4280600 / -118.6466100 Permit Date: 9/30/1998
Accepted Waste: Construction/demolition,Green Materials,Industrial,Inert,Mixed municipal
Restrictions:
Status : Not reported Swisnumber : Not reported
Site Type : Not reported Aka : Not reported
Type Of Waste : Not reported Disposal Area : Not reported
SWFP Date : Not reported WDR Number : Not reported
Dates Operation : Not reported Closure Approve : Not reported
Dt Of Field Units : Not reported Surface Condition : Not reported
Lea Date : Not reported Reassess Site : Not reported
Leachate : Not reported Emrgncy ResponseNot reported
Landfill Gas : Not reported
Priority For Site Assessment : Not reported
Other Recommendation : Not reported
Explanation: Not Reported
No Further Action: Not Reported
Permitted Throughput with Units: 6000
Actual Throughput with Units: Tons/day
Actual Capacity with Units: 45889550
Permitted Capacity with Units: 45889550





**CHIQUITA CANYON LANDFILL INC (Continued)** S100932492

Remaining Capacity with Units: Cubic Yards
Permitted Total Acreage: 592
Remaining Capacity : 26024360
Fill Area: Not reported Inspec Frequency : Monthly
Landuse Name: x,Residential,Recreational,Industrial,AgricultiBaSource: Map
Permit Status: Permitted Category: Disposal
Unit Number: 01 Closure Date: 11/24/19
Closure Type: Estimated Disposal Acreage: Not reported
Year Opened: Not reported Year Closed: Not reported
Last Waste Tire Inspection Count : Not reported
Last Waste Tire Inspection Date: Not reported
Original Waste Tire Count: 5028
Original Waste Tire Count Date: 7/1/2004
Type Of Refuse: Not reported
Avg Depth Of Fill: Not reported
Addll Expansion Area: Not reported
Site Description: Not Reported

HAZNET:
Gepaid: CAL000035857
TSD EPA ID: AZD049318009
Gen County: Los Angeles
Tsd County: 99
Tons: .4250
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Contact: CHIQUITA CANYON LANDFILL INC
Telephone: (805) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Los Angeles

Gepaid: CAL000035857
TSD EPA ID: AZD049318009
Gen County: Los Angeles
Tsd County: 99
Tons: .5000
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CHIQUITA CANYON LANDFILL INC
Telephone: (805) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Los Angeles

Gepaid: CAL000035857
TSD EPA ID: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2400
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CHIQUITA CANYON LANDFILL INC
Telephone: (805) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Los Angeles

**CHIQUITA CANYON LANDFILL INC (Continued)** — S100932492

Gepaid: CAL000035857
TSD EPA ID: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1542
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: CHIQUITA CANYON LANDFILL INC
Telephone: (805) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Los Angeles

Gepaid: CAL000035857
TSD EPA ID: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.0850
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: CHIQUITA CANYON LANDFILL INC
Telephone: (805) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Los Angeles

Click this hyperlink while viewing on your computer to access
16 additional CA HAZNET record(s) in the EDR Site Report.

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11 **CHIQUITA CANYON LANDFILL**
29201 HENRY MAYO DR
VALENCIA CA, CA 91310
WMUDS/SWAT 1001526767
N/A

WMUDS:
Region: 4
Date of Last Facility Edit: 11/22/1996
Last Facility Editors: JHM, JHM, JHM
Waste Discharge System ID: 4A190359001
Solid Waste Information ID: 19-AA-0052
Waste Discharge System: True
Solid Waste Assessment Test Program: True
Facility Name: LAIDLAW WASTE SYSTEMS CHIQUITA, INC.
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act Program: False
Department of Defense: False
Open to Public: False
Number of WMUDS at Facility: 5
Facility Telephone: (805) 257-3655
Primary Standard Industrial Classification: 4953
Secondary Standard Industrial Classification: Not reported
Solid Waste Assessment Test Program Name: LAIDLAW WASTE SYSTEMS CHIQUITA, INC
NPID: Not reported
Tonnage: 5000
Regional Board ID: 67-20
Municipal Solid Waste: True
Superorder: True
Sub Chapter 15: True
Reg. Board Project Officer: Not reported
Section Range: 04N17W14





**CHIQUITA CANYON LANDFILL (Continued)** — 1001526767

RCRA Facility: No
Waste Discharge Requirements: A
Base Meridian: SB
Waste List: True
Facility Description: Not reported
Self-Monitoring Rept. Frequency: Quarterly Submittal
Threat to Water Quality:
Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Prime Waste: Solid Wastes - Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Agency: USA WASTE
Address: 29201 HENRY MAYO DRIVE
VALENCIA CA 91310
Department: REGIONAL ENGINEER
Contact: RYAN WURGLER
Telephone: (805) 257-3655
Type: Private
Landowner: NEWHALL LAND & FARMING
Address: 27050 HENRY MAYO DR.
CASTAIC, CA 91310
Telephone: (805) 255-4000
Contact: Not reported
Comments: REGIONAL BOARD SAYS 3500 TONS PER DAY...

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11 **CHIQUITA CANYON LANDFILL**
29201 HENRY MAYO DR
VALENCIA, CA 91355
HAZNET 1002687338
SWF/LF N/A
CA WDS
EMI

LF:
Facility ID: Not reported
Operator: Not reported
Operator Addr:
Activity: Not reported
Operator's Status: Not reported
Owner: Not reported
Owner Address: Not reported
Not reported
Operator Phone: Not reported
Owner Telephone: Not reported
Regulation Status: Not reported
Region: LOS ANGELES
Location: Not reported
Parcel Num: Not reported
Land Use: Not reported
Sig. Change Since Last Visit: Not reported
Site Size: Not reported

**CHIQUITA CANYON LANDFILL (Continued)** **1002687338**

Other Observations: Not reported
Issue And Observations: Not reported
Recommendations / Follow Up: Not reported
Lat/Long: Not reported | Permit Date: Not reported
Accepted Waste:
Restrictions:
Status : Not reported | Swisnumber : Not reported
Site Type : Not reported | Aka : Not reported
Type Of Waste : Not reported | Disposal Area : Not reported
SWFP Date : Not reported | WDR Number : Not reported
Dates Operation : Not reported | Closure Approve : Not reported
Dt Of Field Units : Not reported | Surface Condition : Not reported
Lea Date : Not reported | Reassess Site : Not reported
Leachate : Not reported | Emrgncy Response Not reported
Landfill Gas : Not reported
Priority For Site Assessment : Not reported
Other Recommendation : Not reported
Explanation: Not Reported
No Further Action: Not Reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Actual Capacity with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity with Units: Not reported
Permitted Total Acreage: Not reported
Remaining Capacity : Not reported
Fill Area: Not reported | Inspec Frequency : Not reported
Landuse Name: Not reported | GIS Source: Not reported
Permit Status: Not reported | Category: Not reported
Unit Number: Not reported | Closure Date: / /
Closure Type: Not reported | Disposal Acreage: Not reported
Year Opened: Not reported | Year Closed: Not reported
Last Waste Tire Inspection Count : Not reported
Last Waste Tire Inspection Date: Not reported
Original Waste Tire Count: Not reported
Original Waste Tire Count Date: Not reported
Type Of Refuse: Not reported
Avg Depth Of Fill: Not reported
Addtl Expansion Area: Not reported
Site Description: Not Reported

HAZNET:
Gepaid: CAL000196316
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.00
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Contact: MATT TERRELL
Telephone: (661) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Not reported





**CHIQUITA CANYON LANDFILL (Continued)** **1002687338**

Gepaid: CAL000196316
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.14
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: MATT TERRELL
Telephone: (661) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Not reported

Gepaid: CAL000196316
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.66
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: MATT TERRELL
Telephone: (661) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Not reported

Gepaid: CAL000196316
TSD EPA ID: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.0166
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: REPUBLIC SERVICES OF CA I LLC
Telephone: (661) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Los Angeles

Gepaid: CAL000196316
TSD EPA ID: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.0625
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: REPUBLIC SERVICES OF CA I LLC
Telephone: (661) 257-3655
Mailing Address: 29201 HENRY MAYO DR
VALENCIA, CA 91355
County Los Angeles

Click this hyperlink while viewing on your computer to access
8 additional CA HAZNET record(s) in the EDR Site Report.

WDS:
Facility ID: Santa Clara River 190359001
Facility Contact Mike Dean (General manager) | Facility Telephone (661) 257-3655
SIC Code: 4953 | SIC Code 2: Not reported

**CHIQUITA CANYON LANDFILL (Continued)** 1002687338

Agency Name: REPUBLIC WASTE SERVICES CO.
Agency Address: 0
Agency Contact: Not reported — Agency Phone: Not reported
Design Flow: 0 Million Gal/Day — Baseline Flow: 0 Million Gal/Day
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: Private
Waste Type: Solid Wastes - Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Threat to Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
NPDES Number: Not reported
Subregion: 4

Facility ID: 4 19I015206
Facility Contact: Samuel Rojas — Facility Telephone: (661) 257-3655
SIC Code: 4953 — SIC Code 2: Not reported
Agency Name: REPUBLIC SERVICES OF CA
Agency Address: 0
Agency Contact: Not reported — Agency Phone: Not reported
Design Flow: 0 Million Gal/Day — Baseline Flow: 0 Million Gal/Day
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: Private
Waste Type: Stormwater Runoff - Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Threat to Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Reclamation: No reclamation requirements associated with this facility.
POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4





**CHIQUITA CANYON LANDFILL (Continued)** 1002687338

EMISSIONS :

| | |
|---|---|
| Facility ID : | 61029 |
| Air District Code : | SC |
| SIC Code : | 4959 |
| Total Priority Score : | Not reported |
| Health Risk Assessment : | Not reported |
| Non-cancer Chronic Haz Index : | Not reported |
| Non-cancer Acute Haz Index : | Not reported |
| Air Basin : | SC |
| Air District Name : | SOUTH COAST AQMD |
| Community Health Air Pollution Info System : | Not reported |
| Consolidated Emission Reporting Rule : | Not reported |
| County Code : | 19 |
| County ID : | 19 |

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12 — CHMIRS — S100216887 / N/A

**27900 CHIQUITO CANYON ROAD**
**UNINC, CA**

CHMIRS:

| | |
|---|---|
| OES Control Number: | 8904996 |
| Chemical Name: | Not reported |
| Extent of Release: | Not reported |
| Property Use: | Petroleum Refinery |
| Incident Date: | 23-FEB-89 |
| Date Completed: | 23-FEB-89 |
| Time Completed : | 2035 |
| Agency Id Number : | 19110 |
| Agency Incident Number : | 52 |
| OES Incident Number : | 8904996 |
| Time Notified : | 1915 |
| Surrounding Area : | 946 |
| Estimated Temperature : | Not reported |
| Property Management : | P |
| More Than Two Substances Involved? : | Not reported |
| Special Studies 1 : | Not reported |
| Special Studies 2 : | Not reported |
| Special Studies 3 : | Not reported |
| Special Studies 4 : | Not reported |
| Special Studies 5 : | Not reported |
| Special Studies 6 : | Not reported |
| Responding Agency Personel # Of Injuries : | 0 |
| Responding Agency Personel # Of Fatalities : | 0 |
| Resp Agncy Personel # Of Decontaminated : | 0 |
| Others Number Of Decontaminated : | 0 |
| Others Number Of Injuries : | 0 |
| Others Number Of Fatalities : | 0 |
| Vehicle Make/year : | Not reported |
| Vehicle License Number : | Not reported |
| Vehicle State : | Not reported |
| Vehicle Id Number : | Not reported |
| CA/DOT/PUC/ICC Number : | Not reported |
| Company Name : | Not reported |
| Reporting Officer Name/ID : | CAPT. JOHN W. EVERETT |
| Report Date : | 26-FEB-89 |
| Comments : | Not reported |
| Facility Telephone Number : | 213 267-2485 |
| Waterway Involved : | Not reported |

(Continued) S100216887

| | |
|---|---|
| Waterway : | Not reported |
| Spill Site : | Not reported |
| Cleanup By : | Not reported |
| Containment : | Not reported |
| What Happened : | Not reported |
| Type : | Not reported |
| Other : | Not reported |
| Chemical 1 : | Not Reported |
| Chemical 2 : | Not Reported |
| Chemical 3 : | Not Reported |
| Date/Time | Not reported |
| Evacuations : | Not reported |
| True date : | Not reported |
| Year : | 88-92 |
| Agency : | Not reported |
| BBLS : | Not reported |
| Cups : | Not reported |
| CUFT : | Not reported |
| Gallons : | Not reported |
| Grams : | Not reported |
| Pounds : | Not reported |
| Liters : | Not reported |
| Ounces : | Not reported |
| Pints : | Not reported |
| Quarts : | Not reported |
| Sheen : | Not reported |
| Tons : | Not reported |
| Unknown : | Not reported |
| Description : | Not reported |
| Incident date : | Not reported |
| Admin Agency : | Not reported |
| OES date : | Not reported |
| OES time : | Not reported |
| Amount : | Not reported |

13 **NEWHALL LAND & FARMING** LUST S102434348
**3003 WALNUT ORCHARD RD** Cortese N/A
**VALENCIA, CA 91350**

State LUST:

| | | | |
|---|---|---|---|
| Cross Street: | HENRY MAYO DRIVE | | |
| Qty Leaked: | Not reported | | |
| Case Number | I-14101 | | |
| Reg Board: | 4 | | |
| Chemical: | Gasoline | | |
| Lead Agency: | Regional Board | | |
| Local Agency : | 19000 | | |
| Case Type: | Soil only | | |
| Status: | Case Closed | | |
| Review Date: | Not reported | Confirm Leak: | Not reported |
| Workplan: | 1990-03-09 00:00:00 | Prelim Assess: | 1990-03-09 00:00:00 |
| Pollution Char: | Not reported | Remed Plan: | Not reported |
| Remed Action: | Not reported | | |
| Monitoring: | Not reported | | |
| Close Date: | 1996-06-27 00:00:00 | | |
| Release Date: | Not reported | | |
| Cleanup Fund Id : | Not reported | | |
| Discover Date : | Not reported | | |
| Enforcement Dt : | Not reported | | |





**NEWHALL LAND & FARMING (Continued)** S102434348

| | | |
|---|---|---|
| Enf Type: | Not reported | |
| Enter Date : | 1990-03-05 00:00:00 | |
| Funding: | Federal Funds | |
| Staff Initials: | Not reported | |
| How Discovered: | Tank Closure | |
| How Stopped: | Not reported | |
| Interim : | Not reported | |
| Leak Cause: | UNK | |
| Leak Source: | UNK | |
| MTBE Date : | Not reported | |
| Max MTBE GW : | Not reported | |
| MTBE Tested: | Site NOT Tested for MTBE.Includes Unknown and Not Analyzed. | |
| Priority: | Not reported | |
| Local Case # : | Not reported | |
| Beneficial: | Not reported | |
| Staff : | UNK | |
| GW Qualifier : | Not reported | |
| Max MTBE Soil : | Not reported | |
| Soil Qualifier : | Not reported | |
| Hydr Basin #: | SANTA CLARA RIVER VA | |
| Operator : | JONES, ROGER ALSO SEE I-14100 | |
| Oversight Prgm: | LUST | |
| Review Date : | 1998-07-22 00:00:00 | |
| Stop Date : | Not reported | |
| Work Suspended : | Not reported | |
| Responsible Party | NEWHALL LAND AND FARM | |
| RP Address: | 23823 VALENCIA BLVD., VAKENCIA, 91355 | C |
| Global Id: | T0603704137 | |
| Org Name: | Not reported | |
| Contact Person: | Not reported | |
| MTBE Conc: | 0 | |
| Mtbe Fuel: | 1 | |
| Water System Name: | Not reported | |
| Well Name: | Not reported | |
| Distance To Lust: | 0 | |
| Waste Discharge Global ID: | Not reported | |
| Waste Disch Assigned Name: | Not reported | |
| Summary : | 11/14 EDR;12/12WP; MTBE DATE 4/20/98. | |

LUST Region 4:

| | |
|---|---|
| Report Date: | 3/9/1990 |
| Lead Agency: | Regional Board |
| Local Agency: | 19000 |
| Substance: | Gasoline |
| Case Type: | Soil |
| Status: | Case Closed |
| Region: | 4 |
| Staff: | UNK |
| Date Case Last Changed on Database: | 7/22/1998 |
| Date Leak Record Entered: | 3/5/1990 |
| Historical Max MTBE Date: | Not reported |
| GW Qualifier: | Not reported |
| Soil Qualifier: | Not reported |
| Hist Max MTBE Conc in Groundwater: | Not reported |
| Hist Max MTBE Conc in Soil : | Not reported |
| County: | Los Angeles |
| Organization : | Not reported |
| Regional Board: | 04 |

**NEWHALL LAND & FARMING (Continued)** — **S102434348**

| | |
|---|---|
| Owner Contact: | Not reported |
| Responsible Party: | NEWHALL LAND AND FARM |
| RP Address: | 23823 VALENCIA BLVD., VAKENCIA, 91355 |
| Significant Interim Remedial Action Taken: | Not reported |
| Program : | LUST |
| Lat / Long : | 34.4200613 / -1 |
| Local Agency Staff: | Not reported |
| Beneficial Use : | Not reported |
| Priority : | Not reported |
| Cleanup Fund Id : | Not reported |
| Suspended : | Not reported |
| Local Case No : | Not reported |
| Substance Quantity : | Not reported |
| Abatement Method Used at the Site: | Not reported |
| Operator : | JONES, ROGER ALSO SEE I-14100 |
| Water System : | Not reported |
| Well Name : | Not reported |
| Approx. Dist To Production Well (ft) : | 8603.4670899239511564358675 98 |
| Assigned Name : | Not reported |
| W Global ID : | Not reported |
| Source of Cleanup Funding: | Federal Funds |
| Date the Leak was Discovered: | 1/25/1989 |
| How the Leak was Discovered: | Tank Closure |
| How the Leak was Stopped: | Not reported |
| Cause of Leak: | UNK |
| Leak Source: | UNK |
| Date The Leak was Stopped: | 1/25/1989 |
| Date Confirmation Leak Began: | Not reported |
| Preliminary Site Assessment Workplan Submitted: | Not reported |
| Preliminary Site Assessment Began: | 3/9/1990 |
| Pollution Characterization Began: | Not reported |
| Remediation Plan Submitted: | Not reported |
| Remedial Action Underway: | Not reported |
| Post Remedial Action Monitoring Began: | Not reported |
| Date the Case was Closed: | 6/27/1996 |
| Enforcement Action Date: | Not reported |
| Date Leak First Reported: | 3/9/1990 |
| Enforcement Type: | Not reported |
| Global ID : | T0603704137 |
| Cross Street: | HENRY MAYO DRIVE |
| Summary : | |

CORTESE:
Region: CORTESE
Fac Address 2: 3003 WALNUT ORCHARD RD

---

**14** **DEL VAL FIELD, CANYON RD.**
**DEL VAL FIELD, CANYON RD.**
**SAN MARTINEZ, CA**

ERNS 90168594
N/A

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.





**15** **VASQUEZ FARM**
**2 MI N OF HWY 126 SAN MARTINEZ**
**VAL VIRDE PARK, CA 91350**

HIST UST U001567733
N/A

UST HIST:

| | | | |
|---|---|---|---|
| Facility ID: | 50897 | Owner Name: | SHELL CA PRODUCTION INC. |
| Total Tanks: | 2 | Region: | STATE |
| Owner Address: | P.O. BOX 11164<br>BAKERSFIELD, CA 93389 | | |
| Tank Used for: | WASTE | | |
| Tank Num: | 1 | Container Num: | V51 |
| Tank Capacity: | 00000360 | Year Installed: | Not reported |
| Type of Fuel: | Not reported | Tank Construction: | Not Reported |
| Leak Detection: | Visual | | |
| Contact Name: | BOB WITCHER | Telephone: | (805) 259-8840 |
| Facility Type: | Other | Other Type: | OIL & GAS PRODUCTION |
| Facility ID: | 50897 | Owner Name: | SHELL CA PRODUCTION INC. |
| Total Tanks: | 2 | Region: | STATE |
| Owner Address: | P.O. BOX 11164<br>BAKERSFIELD, CA 93389 | | |
| Tank Used for: | Not Reported | | |
| Tank Num: | 2 | Container Num: | V53 |
| Tank Capacity: | 00000000 | Year Installed: | Not reported |
| Type of Fuel: | 10 | Tank Construction: | Not Reported |
| Leak Detection: | None | | |
| Contact Name: | BOB WITCHER | Telephone: | (805) 259-8840 |
| Facility Type: | Other | Other Type: | OIL & GAS PRODUCTION |

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**16** **NEWHALL LAND & FARMING**
**31820 HENRY MAYO DR W**
**CASTAIC, CA 91350**

Cortese S104916214
N/A

CORTESE:
Region: CORTESE
Fac Address 2: 31820 HENRY MAYO DR W

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**16** **NEWHALL LAND & FARMING**
**31820 HENRY MAYO DR W**
**VALENCIA, CA 91355**

LUST S103065427
N/A

State LUST:

| | | | |
|---|---|---|---|
| Cross Street: | SANTA CLARA RIVER | | |
| Qty Leaked: | Not reported | | |
| Case Number | I-14100 | | |
| Reg Board: | 4 | | |
| Chemical: | Diesel | | |
| Lead Agency: | Local Agency | | |
| Local Agency : | 19000 | | |
| Case Type: | Soil only | | |
| Status: | Case Closed | | |
| Review Date: | Not reported | Confirm Leak: | Not reported |
| Workplan: | 1988-03-24 00:00:00 | Prelim Assess: | 1988-03-24 00:00:00 |
| Pollution Char: | 1992-03-16 00:00:00 | Remed Plan: | 1992-03-16 00:00:00 |
| Remed Action: | Not reported | | |
| Monitoring: | Not reported | | |
| Close Date: | 1992-06-01 00:00:00 | | |

**NEWHALL LAND & FARMING (Continued)** **S103065427**

Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : 1965-01-01 00:00:00
Enf Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enter Date : 1990-06-08 00:00:00
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : UNK
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: SANTA CLARA RIVER VA
Operator : JONES, ROGER ALSO SEE I-14101
Oversight Prgm: LUST
Review Date : 1992-06-30 00:00:00
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party NEWHALL LAND & FARM
RP Address: 23823 VALENCIA BLVD., VALENCIA, 91355
Global Id: T0603704136
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 4:
Report Date: 4/23/1990
Lead Agency: Local Agency
Local Agency: 19000
Substance: Diesel
Case Type: Soil
Status: Case Closed
Region: 4
Staff: UNK
Date Case Last Changed on Database: 6/30/1992
Date Leak Record Entered: 6/8/1990
Historical Max MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Hist Max MTBE Conc in Groundwater: Not reported





**NEWHALL LAND & FARMING (Continued)** **S103065427**

Hist Max MTBE Conc in Soil : Not reported
County: Los Angeles
Organization : Not reported
Regional Board: 04
Owner Contact: Not reported
Responsible Party: NEWHALL LAND & FARM
RP Address: 23823 VALENCIA BLVD., VALENCIA, 91355
Significant Interim Remedial Action Taken: Not reported
Program : LUST
Lat / Long : 34.4065849 / -1
Local Agency Staff: Not reported
Beneficial Use : Not reported
Priority : Not reported
Cleanup Fund Id : Not reported
Suspended : Not reported
Local Case No : Not reported
Substance Quantity : Not reported
Abatement Method Used at the Site: Not reported
Operator : JONES, ROGER ALSO SEE I-14101
Water System : Not reported
Well Name : Not reported
Approx. Dist To Production Well (ft) : 19402.6803118907097162099471 95
Assigned Name : Not reported
W Global ID : Not reported
Source of Cleanup Funding: Federal Funds
Date the Leak was Discovered: 8/30/1989
How the Leak was Discovered: Tank Closure
How the Leak was Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Date The Leak was Stopped: 8/30/1989
Date Confirmation Leak Began: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 3/24/1988
Pollution Characterization Began: Not reported
Remediation Plan Submitted: 3/16/1992
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Date the Case was Closed: 6/1/1992
Enforcement Action Date: 1/1/1965
Date Leak First Reported: 4/23/1990
Enforcement Type: IEA
Global ID : T0603704136
Cross Street: SANTA CLARA RIVER
Summary :

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| BUCKHORN | S103650536 | SALT SPRINGS HYDRO PLANT | 30 MI S/E OF BUCKHORN OFF HWY | 93015 | HAZNET |
| FILLMORE | S103994946 | WALL FAMILY TRUST 6/27/90 | 1421 SAN PAULA ST | 93015 | HAZNET |
| FILLMORE | S102791652 | 1X SOUTHERN PACIFIC MILLING CO | STATE RTE 128 | 93015 | HAZNET |
| FILLMORE | S106716188 | ELKINS RANCH COMPANY | 1496 TELEGRAPH RD | 93015 | LUST |
| NEWHALL | S105082748 | MOUTAINS REC & CONSERVATION AUTHORITY | 27201 W PICO CANYON | 91381 | HAZNET |
| SANTA CLARITA | 1005441285 | DEPARTMENT OF TRANSPORTATION | RTE 5 MAGIC MOUNTAIN PKWY EXIT | 91355 | RCRA-SQG, FINDS |
| SANTA CLARITA | S103945298 | PARCEL LOGISTSICS SYSTEMS | 25115 AVE STANFORD #A | 91355 | LOS ANGELES CO. HMS |
| SANTA CLARITA | S105085278 | CSI CRIME SCENE INVESTIGATION | 3 MILES N OF TEMPLIN HWY ON | 91355 | HAZNET |
| VALENCIA | S106088351 | CALIFO NIA INSTITUTE OF THE A TS | V1 #147 MCBEAN PRKWY / HWY 5 | 91355 | HAZNET |
| VALENCIA | 1000119892 | PPG INDUSTRIES INC WORKS 24 | 25663 W AVE STANFORD | 91355 | RCRA-SQG, FINDS, RCRA-TSDF, CORRACTS, CERC-NFRAP, LOS ANGELES CO. HMS |
| VALENCIA | S103548520 | LOS ANGELES COUNTY FIRE DEPT | 27223 HENRY MAYO DR- STATION 76 | 91355 | HAZNET |

TC01376454.1r Page 1 of 1

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

**FEDERAL ASTM STANDARD RECORDS**

**NPL:** National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/14/04
Date Made Active at EDR: 02/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/01/05
Elapsed ASTM days: 2
Date of Last EDR Contact: 02/01/05

**NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone. 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

**Proposed NPL:** Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 12/14/04
Date Made Active at EDR: 02/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/01/05
Elapsed ASTM days: 2
Date of Last EDR Contact: 02/01/05

**CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/14/04
Date Made Active at EDR: 02/08/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 12/21/04
Elapsed ASTM days: 49
Date of Last EDR Contact: 12/21/04

**CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 12/14/04
Date Made Active at EDR: 02/08/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 12/21/04
Elapsed ASTM days: 49
Date of Last EDR Contact: 12/21/04

**CORRACTS:** Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/15/04
Date Made Active at EDR: 02/25/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 01/07/05
Elapsed ASTM days: 49
Date of Last EDR Contact: 12/07/04

**RCRA:** Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/23/04
Date Made Active at EDR: 01/18/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 11/24/04
Elapsed ASTM days: 55
Date of Last EDR Contact: 11/24/04

**ERNS:** Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/26/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 01/27/05

## FEDERAL ASTM SUPPLEMENTAL RECORDS

**BRS:** Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially
Date of Last EDR Contact: 12/13/04
Date of Next Scheduled EDR Contact: 03/14/05

**CONSENT:** Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.





Date of Government Version: 03/05/04
Database Release Frequency: Varies
Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

**ROD:** Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/09/04
Database Release Frequency: Annually
Date of Last EDR Contact: 01/05/05
Date of Next Scheduled EDR Contact: 04/04/05

**DELISTED NPL:** National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/14/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 02/01/05
Date of Next Scheduled EDR Contact: 05/02/05

**FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/12/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/03/05
Date of Next Scheduled EDR Contact: 04/04/05

**HMIRS:** Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/08/04
Database Release Frequency: Annually
Date of Last EDR Contact: 01/19/05
Date of Next Scheduled EDR Contact: 04/18/05

**MLTS:** Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 11/30/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/03/05
Date of Next Scheduled EDR Contact: 04/04/05

**MINES:** Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 12/28/04
Date of Next Scheduled EDR Contact: 03/28/05

**NPL LIENS:** Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 02/22/05
Date of Next Scheduled EDR Contact: 05/23/05

**PADS:** PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/04
Database Release Frequency: Annually
Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/09/05

**DOD:** Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

**UMTRA:** Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Database Release Frequency: Varies
Date of Last EDR Contact: 12/21/04
Date of Next Scheduled EDR Contact: 03/21/05

**ODI:** Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 05/23/95
Date of Next Scheduled EDR Contact: N/A

**FUDS:** Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.





Date of Government Version: 12/31/03
Database Release Frequency: Varies
Date of Last EDR Contact: 01/03/05
Date of Next Scheduled EDR Contact: 04/04/05

**INDIAN RESERV:** Indian Reservations
Source: USGS
Telephone: 202-208-3710
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

**RAATS:** RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 12/06/04
Date of Next Scheduled EDR Contact: 03/07/05

**TRIS:** Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/02
Database Release Frequency: Annually
Date of Last EDR Contact: 12/20/04
Date of Next Scheduled EDR Contact: 03/21/05

**TSCA:** Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA Identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 12/06/04
Date of Next Scheduled EDR Contact: 03/07/05

**FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/01/04
Date of Next Scheduled EDR Contact: 03/21/05

**SSTS:** Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/03
Database Release Frequency: Annually
Date of Last EDR Contact: 11/29/04
Date of Next Scheduled EDR Contact: 04/18/05

**FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 09/13/04 — Date of Last EDR Contact: 12/01/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/21/05

## STATE OF CALIFORNIA ASTM STANDARD RECORDS

**AWP:** Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/09/04 — Date of Data Arrival at EDR: 12/02/04
Date Made Active at EDR: 01/04/05 — Elapsed ASTM days: 33
Database Release Frequency: Annually — Date of Last EDR Contact: 03/01/05

**CAL-SITES:** Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 11/09/04 — Date of Data Arrival at EDR: 12/02/04
Date Made Active at EDR: 01/04/05 — Elapsed ASTM days: 33
Database Release Frequency: Quarterly — Date of Last EDR Contact: 03/01/05

**CHMIRS:** California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03 — Date of Data Arrival at EDR: 05/18/04
Date Made Active at EDR: 06/25/04 — Elapsed ASTM days: 38
Database Release Frequency: Varies — Date of Last EDR Contact: 02/23/05

**CORTESE:** "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/01 — Date of Data Arrival at EDR: 05/29/01
Date Made Active at EDR: 07/26/01 — Elapsed ASTM days: 58
Database Release Frequency: No Update Planned — Date of Last EDR Contact: 01/25/05

**NOTIFY 65:** Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.





Date of Government Version: 10/21/93 — Date of Data Arrival at EDR: 11/01/93
Date Made Active at EDR: 11/19/93 — Elapsed ASTM days: 18
Database Release Frequency: No Update Planned — Date of Last EDR Contact: 01/17/05

**TOXIC PITS:** Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95 — Date of Data Arrival at EDR: 08/30/95
Date Made Active at EDR: 09/26/95 — Elapsed ASTM days: 27
Database Release Frequency: No Update Planned — Date of Last EDR Contact: 02/01/05

**SWF/LF (SWIS):** Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/13/04 — Date of Data Arrival at EDR: 12/14/04
Date Made Active at EDR: 01/24/05 — Elapsed ASTM days: 41
Database Release Frequency: Quarterly — Date of Last EDR Contact: 12/14/04

**WMUDS/SWAT:** Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00 — Date of Data Arrival at EDR: 04/10/00
Date Made Active at EDR: 05/10/00 — Elapsed ASTM days: 30
Database Release Frequency: Quarterly — Date of Last EDR Contact: 12/06/04

**LUST:** Leaking Underground Storage Tank Information System
Source: State Water Resources Control Board
Telephone: 916-341-5752
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/10/05 — Date of Data Arrival at EDR: 01/10/05
Date Made Active at EDR: 02/21/05 — Elapsed ASTM days: 42
Database Release Frequency: Quarterly — Date of Last EDR Contact: 01/10/05

**CA BOND EXP. PLAN:** Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89 — Date of Data Arrival at EDR: 07/27/94
Date Made Active at EDR: 08/02/94 — Elapsed ASTM days: 6
Database Release Frequency: No Update Planned — Date of Last EDR Contact: 05/31/94

**CA UST:**

**UST:** Active UST Facilities
Source: SWRCB
Telephone: 916-341-5752
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/10/05
Date Made Active at EDR: 02/21/05
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/10/05
Elapsed ASTM days: 42
Date of Last EDR Contact: 01/10/05

**VCP:** Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/09/04
Date Made Active at EDR: 01/24/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/02/04
Elapsed ASTM days: 53
Date of Last EDR Contact: 03/01/05

**INDIAN LUST:** Leaking Underground Storage Tanks on Indian Land
Source: Environmental Protection Agency
Telephone: 415-972-3372
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/14/05
Date Made Active at EDR: 03/03/05
Database Release Frequency: Varies

Date of Data Arrival at EDR: 01/14/05
Elapsed ASTM days: 48
Date of Last EDR Contact: 02/22/05

**INDIAN LUST:** Leaking Underground Storage Tanks on Indian Land
Source: EPA Region 10
Telephone: 206-553-2857
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 12/21/04
Date Made Active at EDR: 02/03/05
Database Release Frequency: Varies

Date of Data Arrival at EDR: 12/21/04
Elapsed ASTM days: 44
Date of Last EDR Contact: 01/31/05

**INDIAN UST:** Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 11/02/04
Date Made Active at EDR: 12/13/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 11/03/04
Elapsed ASTM days: 40
Date of Last EDR Contact: 02/22/05

**CA FID UST:** Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

**HIST UST:** Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5700
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.





Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

**STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS**

**AST:** Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/24/05
Date of Next Scheduled EDR Contact: 05/02/05

**CLEANERS:** Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-225-0873
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 11/29/04
Database Release Frequency: Annually

Date of Last EDR Contact: 01/04/05
Date of Next Scheduled EDR Contact: 04/04/05

**CA WDS:** Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-341-5227
Sites which have been issued waste discharge requirements.

Date of Government Version: 12/20/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/21/04
Date of Next Scheduled EDR Contact: 03/21/05

**DEED:** Deed Restriction Listing
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 10/04/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/04/05
Date of Next Scheduled EDR Contact: 04/04/05

**NFA:** No Further Action Determination
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 11/09/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

**EMI:** Emissions Inventory Data
Source: California Air Resources Board
Telephone: 916-322-2990
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/02
Database Release Frequency: Varies
Date of Last EDR Contact: 01/21/05
Date of Next Scheduled EDR Contact: 04/18/05

**WIP:** Well Investigation Program Case List
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 01/27/05
Database Release Frequency: Varies
Date of Last EDR Contact: 01/26/05
Date of Next Scheduled EDR Contact: 04/25/05

**REF:** Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 11/09/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

**SCH:** School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/09/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

**NFE:** Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 11/09/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

**SLIC:** Statewide SLIC Cases
Source: State Water Resources Control Board
Telephone: 916-341-5752
The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 01/10/05
Database Release Frequency: Varies
Date of Last EDR Contact: 01/10/05
Date of Next Scheduled EDR Contact: 04/11/05

**HAZNET:** Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.





Date of Government Version: 12/31/02
Database Release Frequency: Annually
Date of Last EDR Contact: 02/17/05
Date of Next Scheduled EDR Contact: 05/09/05

**LOCAL RECORDS**

**ALAMEDA COUNTY:**

**Local Oversight Program Listing of UGT Cleanup Sites**
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 11/24/04
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/24/05
Date of Next Scheduled EDR Contact: 04/25/05

**Underground Tanks**
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 11/24/04
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/24/05
Date of Next Scheduled EDR Contact: 04/25/05

**CONTRA COSTA COUNTY:**

**Site List**
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 12/13/04
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/28/05
Date of Next Scheduled EDR Contact: 05/30/05

**FRESNO COUNTY:**

**CUPA Resources List**
Source: Dept. of Community Health
Telephone: 559-445-3271
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/19/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/19/05
Date of Next Scheduled EDR Contact: 05/09/05

**KERN COUNTY:**

**Underground Storage Tank Sites & Tank Listing**
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 12/13/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/06/04
Date of Next Scheduled EDR Contact: 03/07/05

**LOS ANGELES COUNTY:**

**List of Solid Waste Facilities**
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03 — Date of Last EDR Contact: 02/18/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 05/16/05

**City of El Segundo Underground Storage Tank**
Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 02/14/05 — Date of Last EDR Contact: 02/14/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/16/05

**City of Long Beach Underground Storage Tank**
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 03/28/03 — Date of Last EDR Contact: 02/23/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 05/23/05

**City of Torrance Underground Storage Tank**
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 12/03/04 — Date of Last EDR Contact: 02/28/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/16/05

**City of Los Angeles Landfills**
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/04 — Date of Last EDR Contact: 12/13/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 03/14/05

**HMS: Street Number List**
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/04 — Date of Last EDR Contact: 02/14/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/16/05

**Site Mitigation List**
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/26/04 — Date of Last EDR Contact: 02/14/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 05/16/05

**San Gabriel Valley Areas of Concern**
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98 — Date of Last EDR Contact: 07/06/99
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: N/A





**MARIN COUNTY:**

**Underground Storage Tank Sites**
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 11/16/04 — Date of Last EDR Contact: 01/31/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/02/05

**NAPA COUNTY:**

**Sites With Reported Contamination**
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 12/27/04 — Date of Last EDR Contact: 12/28/04
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 03/28/05

**Closed and Operating Underground Storage Tank Sites**
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 12/27/04 — Date of Last EDR Contact: 12/27/04
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 03/28/05

**ORANGE COUNTY:**

**List of Underground Storage Tank Cleanups**
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/04 — Date of Last EDR Contact: 12/10/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/07/05

**List of Underground Storage Tank Facilities**
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/04 — Date of Last EDR Contact: 12/10/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/07/05

**List of Industrial Site Cleanups**
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 12/01/04 — Date of Last EDR Contact: 12/10/04
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 03/07/05

**PLACER COUNTY:**

**Master List of Facilities**
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/13/05 — Date of Last EDR Contact: 12/20/04
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 03/21/05

**RIVERSIDE COUNTY:**

**Listing of Underground Tank Cleanup Sites**
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/06/04 — Date of Last EDR Contact: 01/17/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/18/05

**Underground Storage Tank Tank List**
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 02/14/05 — Date of Last EDR Contact: 01/17/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/18/05

**SACRAMENTO COUNTY:**

**CS - Contaminated Sites**
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 08/28/04 — Date of Last EDR Contact: 02/04/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 05/02/05

**ML - Regulatory Compliance Master List**
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 10/15/04 — Date of Last EDR Contact: 02/04/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 05/02/05

**SAN BERNARDINO COUNTY:**

**Hazardous Material Permits**
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 01/07/05 — Date of Last EDR Contact: 12/06/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/07/05

**SAN DIEGO COUNTY:**

**Solid Waste Facilities**
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.





Date of Government Version: 08/01/00 — Date of Last EDR Contact: 02/22/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 05/23/05

**Hazardous Materials Management Division Database**
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/29/04 — Date of Last EDR Contact: 01/10/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/04/05

**SAN FRANCISCO COUNTY:**

**Local Oversite Facilities**
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 12/09/04 — Date of Last EDR Contact: 12/06/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/07/05

**Underground Storage Tank Information**
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 12/09/04 — Date of Last EDR Contact: 12/06/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/07/05

**SAN MATEO COUNTY:**

**Fuel Leak List**
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 10/27/04 — Date of Last EDR Contact: 01/10/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 04/11/05

**Business Inventory**
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/19/04 — Date of Last EDR Contact: 01/10/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 04/11/05

**SANTA CLARA COUNTY:**

**Fuel Leak Site Activity Report**
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 06/30/04 — Date of Last EDR Contact: 12/28/04
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 03/28/05

**Hazardous Material Facilities**
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 10/01/03 — Date of Last EDR Contact: 12/06/04
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 03/07/05

**SOLANO COUNTY:**

**Leaking Underground Storage Tanks**
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/14/04 — Date of Last EDR Contact: 12/13/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/14/05

**Underground Storage Tanks**
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/14/04 — Date of Last EDR Contact: 12/13/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/14/05

**SONOMA COUNTY:**

**Leaking Underground Storage Tank Sites**
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 01/27/05 — Date of Last EDR Contact: 01/24/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/25/05

**SUTTER COUNTY:**

**Underground Storage Tanks**
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/29/04 — Date of Last EDR Contact: 01/03/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 04/04/05

**VENTURA COUNTY:**

**Inventory of Illegal Abandoned and Inactive Sites**
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/04 — Date of Last EDR Contact: 02/23/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 05/23/05

**Listing of Underground Tank Cleanup Sites**
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).





Date of Government Version: 11/30/04 — Date of Last EDR Contact: 12/17/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/14/05

**Underground Tank Closed Sites List**
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/04 — Date of Last EDR Contact: 01/14/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/11/05

**Business Plan, Hazardous Waste Producers, and Operating Underground Tanks**
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/01/04 — Date of Last EDR Contact: 12/17/04
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 03/14/05

**YOLO COUNTY:**

**Underground Storage Tank Comprehensive Facility Report**
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 01/18/05 — Date of Last EDR Contact: 01/17/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 04/18/05

## California Regional Water Quality Control Board (RWQCB) LUST Records

**LUST REG 1:** Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01 — Date of Last EDR Contact: 02/23/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 05/23/05

**LUST REG 2:** Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/30/04 — Date of Last EDR Contact: 01/10/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/11/05

**LUST REG 3:** Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03 — Date of Last EDR Contact: 02/14/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 05/16/05

**LUST REG 4:** Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/04 — Date of Last EDR Contact: 12/27/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 03/28/05

**LUST REG 5:** Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 01/01/05 — Date of Last EDR Contact: 01/07/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/04/05

**LUST REG 6L:** Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03 — Date of Last EDR Contact: 12/06/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 03/07/05

**LUST REG 6V:** Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 08/09/04 — Date of Last EDR Contact: 01/03/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 04/04/05

**LUST REG 7:** Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/04 — Date of Last EDR Contact: 12/27/04
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 03/28/05

**LUST REG 8:** Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 11/01/04 — Date of Last EDR Contact: 02/08/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 05/09/05

**LUST REG 9:** Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01 — Date of Last EDR Contact: 01/17/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 04/18/05

## California Regional Water Quality Control Board (RWQCB) SLIC Records

**SLIC REG 1:** Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03 — Date of Last EDR Contact: 02/23/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/23/05





**SLIC REG 2:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04 — Date of Last EDR Contact: 01/10/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 04/11/05

**SLIC REG 3:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/18/04 — Date of Last EDR Contact: 02/14/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/23/05

**SLIC REG 4:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/04 — Date of Last EDR Contact: 01/24/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 04/25/05

**SLIC REG 5:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/01/04 — Date of Last EDR Contact: 01/04/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 04/04/05

**SLIC REG 6L:** SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 09/07/04 — Date of Last EDR Contact: 12/06/04
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 03/07/05

**SLIC REG 6V:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 04/01/04 — Date of Last EDR Contact: 12/17/04
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 04/04/05

**SLIC REG 7:** SLIC List
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 11/24/04 — Date of Last EDR Contact: 02/22/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 05/23/05

**SLIC REG 8:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298

Date of Government Version: 07/01/04 — Date of Last EDR Contact: 01/07/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 04/04/05

**SLIC REG 9:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 09/10/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

## EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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## BROWNFIELDS DATABASES

**VCP:** Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/09/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

**US BROWNFIELDS:** A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A





## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**AHA Hospitals:**
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

**Medical Centers: Provider of Services Listing**
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes**
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools**
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

**Private Schools**
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

**Daycare Centers: Licensed Facilities**
Source: Department of Social Services
Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

## STREET AND ADDRESS INFORMATION

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Please contact EDR at 1-800-352-0050
with any questions or comments.


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# EDR Site Report™

DEL VAL FIELD, CANYON RD.
DEL VAL FIELD, CANYON RD.
SAN MARTINEZ, CA

Inquiry Number:

March 21, 2005


EDR™ Environmental Data Resources Inc

**The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06460

**Nationwide Customer Service**

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

# TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:


**Section 1: Facility Summary** ..... **Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports** ..... **Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases Searched and Update Information** ..... **Page 5**

Name, source, update dates, contact phone number and description of each of the databases searched for this report.


***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# SECTION 1: FACILITY SUMMARY

| FACILITY<br>AREA | FACILITY 1<br>DEL VAL FIELD, CANYON RD.<br>DEL VAL FIELD, CANYON RD.<br>SAN MARTINEZ, CA<br>EDR ID #90168594 |
|---|---|
| **WASTE MANAGEMENT**<br>Facility generates hazardous waste (RCRA) | NO |
| Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF) | NO |
| Facility has received Notices of Violations (RCRA/VIOL) | NO |
| Facility has been subject to RCRA administrative actions (RAATS) | NO |
| Facility has been subject to corrective actions (CORRACTS) | NO |
| Facility handles PCBs (PADS) | NO |
| Facility uses radioactive materials (MLTS) | NO |
| Facility manages registered aboveground storage tanks (AST) | NO |
| Facility manages registered underground storage tanks (UST) | NO |
| Facility has reported leaking underground storage tank incidents (LUST) | NO |
| Facility has reported emergency releases to the soil (ERNS) | YES - p4 |
| Facility has reported hazardous material incidents to DOT (HMIRS) | NO |
| **WASTE DISPOSAL**<br>Facility is a Superfund Site (NPL) | NO |
| Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS) | NO |
| Facility has a reported Superfund Lien on it (LIENS) | NO |
| Facility is listed as a state hazardous waste site (SHWS) | NO |
| Facility has disposed of solid waste on-site (SWF/LF) | NO |
| **MULTIMEDIA**<br>Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS) | NO |
| Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS) | NO |
| Facility manufactures or imports toxic chemicals on the TSCA list (TSCA) | NO |
| Facility has inspections under FIFRA, TSCA or EPCRA (FTTS) | NO |
| Facility is listed in EPA's index system (FINDS) | NO |
| Facility is listed in a county/local unique database (LOCAL) | NO |
| **POTENTIAL SUPERFUND LIABILITY**<br>Facility has a list of potentially responsible parties PRP | NO |
| **TOTAL (YES)** | 1 |

## SECTION 2: FACILITY DETAIL REPORTS

### WASTE MANAGEMENT

**Facility has reported emergency releases to the soil**

**DATABASE: Emergency Response Notification System (ERNS)**

DEL VAL FIELD, CANYON RD.
DEL VAL FIELD, CANYON RD.
SAN MARTINEZ, CA
EDR ID #90168594

| | | | |
|---|---|---|---|
| Site ID: | 90168594 | | |
| Site Location: | DEL VAL FIELD, CANYON RD.<br>SAN MARTINEZ, CA<br>LOS ANGELES County | | |
| Report No: | Not reported | EPA Region: | 09 |
| Spill Date: | 05/30/1990 | Spill Time: | 15:00 |
| Medium Desc: | Land | Damage/Amt: | Yes / $0.00 |
| Evacuation: | Yes | Injured: | None |
| Fatalities: | None | Notes: | NONE |
| Disch Org: | FARM LAND OIL | | |
| Disch Add: | Not reported | | |
| Disch City: | Not reported | | |
| Disch ST: | CA | | |
| Disch Zip: | Not reported | | |
| Disch County: | LOS ANGELES | | |
| C.G. Unit: | Not reported | | |
| Cause: | EQUIPMENT FAILURE | | |

| Spilled Material | Total Qty | In Water | Undot | Cas | Qty |
|---|---|---|---|---|---|
| CRUDE OIL | 2.00 BBL | 0.00 | UN1270 | 800205 | 588.00 lbs. |

| | |
|---|---|
| Description: | CHECK VALVE FAILURE PIPELINE LEAK |
| Location: | DEL VAL FIELD, CANYON RD. |
| Action: | MATERIAL CONTAINED IN DRY DITCH |
| Comments: | Not reported |



## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

### WASTE MANAGEMENT

**RCRIS:** Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/23/2004 — Date of Last EDR Contact: 11/24/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/28/2005

**BRS:** Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/2001 — Date of Last EDR Contact: 12/13/2004
Database Release Frequency: Biennially — Date of Next Scheduled Update: 03/14/2005

**RAATS:** RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: No Update Planned — Date of Next Scheduled Update: 03/07/2005

**CORRACTS:** Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/15/2004 — Date of Last EDR Contact: 12/07/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005

**PADS:** PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/2004 — Date of Last EDR Contact: 02/23/2005
Database Release Frequency: Annually — Date of Next Scheduled Update: 05/09/2005

**MLTS:** Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 11/30/2004
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/03/2005
Date of Next Scheduled Update: 04/04/2005

**CA AST:** Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/2003
Database Release Frequency: Quarterly
Date of Last EDR Contact: 02/24/2005
Date of Next Scheduled Update: 05/02/2005

**CA UST:** Active UST Facilities
Source: SWRCB
Telephone: 916-341-5752
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/10/2005
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/10/2005
Date of Next Scheduled Update: 04/11/2005

**CA LUST:** Leaking Underground Storage Tank Information System
Source: State Water Resources Control Board
Telephone: 916-341-5752
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/10/2005
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/10/2005
Date of Next Scheduled Update: 04/11/2005

**ERNS:** Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2003
Database Release Frequency: Annually
Date of Last EDR Contact: 01/27/2005
Date of Next Scheduled Update: 04/25/2005

**HMIRS:** Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/08/2004
Database Release Frequency: Annually
Date of Last EDR Contact: 01/19/2005
Date of Next Scheduled Update: 04/18/2005

**WASTE DISPOSAL**

**NPL:** National Priority List
Source: EPA
Telephone: Not reported
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/14/2004
Date Made Active at EDR: 02/03/2005
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/01/2005
Elapsed ASTM Days: 2
Date of Last EDR Contact: 02/01/2005





**PROPOSED NPL:** Proposed National Priority List Sites
Source: EPA
Telephone: Not reported

Date of Government Version: 12/14/2004
Date Made Active at EDR: 02/03/2005
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/01/2005
Elapsed ASTM Days: 2
Date of Last EDR Contact: 02/01/2005

**DELISTED NPL:** National Priority List Deletions
Source: EPA
Telephone: Not reported
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/14/2004
Date Made Active at EDR: 02/03/2005
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/01/2005
Elapsed ASTM Days: 2
Date of Last EDR Contact: 02/01/2005

**CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/14/2004
Date Made Active at EDR: 02/08/2005
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 12/21/2004
Elapsed ASTM Days: 49
Date of Last EDR Contact: 12/21/2004

**CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 12/14/2004
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/21/2004
Date of Next Scheduled Update: 03/21/2005

**NPL LIENS:** Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Made Active at EDR: 03/30/1994
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 02/02/1994
Elapsed ASTM Days: 56
Date of Last EDR Contact: 02/22/2005

**CA SWF/LF:** Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/13/2004
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/14/2004
Date of Next Scheduled Update: 03/14/2005

**MULTIMEDIA**

**TRIS:** Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2002 — Date of Last EDR Contact: 12/20/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 03/21/2005

**SSTS:** Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2003 — Date of Last EDR Contact: 11/29/2004
Database Release Frequency: Annually — Date of Next Scheduled Update: 04/18/2005

**TSCA:** Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: N/A — Date of Next Scheduled Update: 03/07/2005

**FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 09/13/2004 — Date of Last EDR Contact: 12/01/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/21/2005

**FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/13/2004 — Date of Last EDR Contact: 12/01/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/21/2005

**ENG CONTROLS:** Engineering Controls Sites List
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/03/2004 — Date of Last EDR Contact: 01/03/2005
Database Release Frequency: Varies — Date of Next Scheduled Update: 04/11/2005

**FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: Not reported
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/12/2005 — Date of Last EDR Contact: 01/03/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 04/04/2005





**CA AWP:** Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/09/2004 — Date of Last EDR Contact: 03/01/2005
Database Release Frequency: Annually — Date of Next Scheduled Update: 05/30/2005

**CA INDIAN LUST:** Leaking Underground Storage Tanks on Indian Land
Source: Environmental Protection Agency
Telephone: 415-972-3372
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/14/2005 — Date of Last EDR Contact: 02/22/2005
Database Release Frequency: Varies — Date of Next Scheduled Update: 05/23/2005

**CA REF:** Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 11/09/2004 — Date of Last EDR Contact: 03/01/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 05/30/2005

**CA NFA:** No Further Action Determination
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 11/09/2004 — Date of Last EDR Contact: 03/01/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 05/30/2005

**CA NFE:** Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 11/09/2004 — Date of Last EDR Contact: 03/01/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 05/30/2005

**CA SCH:** School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/09/2004 — Date of Last EDR Contact: 03/01/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 05/30/2005

**CA INDIAN UST:** Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 11/02/2004 — Date of Last EDR Contact: 02/22/2005
Database Release Frequency: Varies — Date of Next Scheduled Update: 05/23/2005

**CA BEP:** Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 05/31/1994
Date of Next Scheduled Update:

**CA BWT:** Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/01/2004
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/17/2004
Date of Next Scheduled Update: 03/14/2005

**CA CALSITE:** Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 11/09/2004
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/2005
Date of Next Scheduled Update: 05/30/2005

**CA CHMIRS:** California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2003
Database Release Frequency: Varies
Date of Last EDR Contact: 02/23/2005
Date of Next Scheduled Update: 05/23/2005

**CA CONTRA COSTA SL:** Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 12/13/2004
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/28/2005
Date of Next Scheduled Update: 05/30/2005

**CA CORTESE:** "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 01/25/2005
Date of Next Scheduled Update: 04/25/2005

**CA FID:** Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 12/28/1998
Date of Next Scheduled Update:





**CA HMMD:** Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/29/2004
Database Release Frequency: Quarterly
Date of Last EDR Contact: 01/10/2005
Date of Next Scheduled Update: 04/04/2005

**CA DEED:** Deed Restriction Listing
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 10/04/2004
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/04/2005
Date of Next Scheduled Update: 04/04/2005

**CA HAZNET:** Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2002
Database Release Frequency: Annually
Date of Last EDR Contact: 02/17/2005
Date of Next Scheduled Update: 05/09/2005

**CA INDUSTRIAL:** List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 12/01/2004
Database Release Frequency: Annually
Date of Last EDR Contact: 12/10/2004
Date of Next Scheduled Update: 03/07/2005

**CA NOTIFY:** Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 01/17/2005
Date of Next Scheduled Update: 04/18/2005

**CA SAN JOSE HAZMAT:** Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 10/01/2003
Database Release Frequency: Annually
Date of Last EDR Contact: 12/06/2004
Date of Next Scheduled Update: 03/07/2005

**CA SAN MATEO BI:** Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/19/2004 — Date of Last EDR Contact: 01/10/2005
Database Release Frequency: Annually — Date of Next Scheduled Update: 04/11/2005

**CA SITE MIT:** Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/26/2004 — Date of Last EDR Contact: 02/14/2005
Database Release Frequency: Annually — Date of Next Scheduled Update: 05/16/2005

**CA SOUTH BAY:** South Bay Site Management System
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Groundwater pollution cases in the Santa Clara Valley where the regulatory lead is the San Francisco Bay Regional Water Quality Control Board.

Date of Government Version: 05/21/1999 — Date of Last EDR Contact: 01/31/2000
Database Release Frequency: Annually — Date of Next Scheduled Update:

**CA TOXIC:** Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995 — Date of Last EDR Contact: 02/01/2005
Database Release Frequency: No Update Planned — Date of Next Scheduled Update: 05/02/2005

**CA VENTURA CIAIS:** Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2004 — Date of Last EDR Contact: 02/23/2005
Database Release Frequency: Annually — Date of Next Scheduled Update: 05/23/2005

**CA WDS:** Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-341-5227
Sites which have been issued waste discharge requirements.

Date of Government Version: 12/20/2004 — Date of Last EDR Contact: 12/21/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/21/2005

**CA WIP:**

**CA WMUDS/SWAT:** Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005





**CA ALAMEDA UST:** Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 11/24/2004 — Date of Last EDR Contact: 01/24/2005
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 04/25/2005

**CA ALAMEDA LUST:** Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 11/24/2004 — Date of Last EDR Contact: 01/24/2005
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 04/25/2005

**CA ORANGE LUST:** List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2004 — Date of Last EDR Contact: 12/10/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005

**CA RIVERSIDE LUST:** Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/06/2004 — Date of Last EDR Contact: 01/17/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 04/18/2005

**CA VENTURA LUST:** Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/30/2004 — Date of Last EDR Contact: 12/17/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/14/2005

**CA SANTA CLARA LUST:** Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 06/30/2004 — Date of Last EDR Contact: 12/28/2004
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 03/28/2005

**CA SAN MATEO LUST:** Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 10/27/2004 — Date of Last EDR Contact: 01/10/2005
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 04/11/2005

**CA SAN FRANCISCO LUST:** Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 12/09/2004 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005

**CA SOLANO LUST:** Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/14/2004 — Date of Last EDR Contact: 12/13/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/14/2005

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

**CA SONOMA LUST:** Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 01/27/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/24/2005
Date of Next Scheduled Update: 04/25/2005

**CA LUST REG 1:** Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/23/2005
Date of Next Scheduled Update: 05/23/2005

**CA LUST REG 2:** Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/30/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/2005
Date of Next Scheduled Update: 04/11/2005

**CA LUST REG 3:** Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/2003
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/14/2005
Date of Next Scheduled Update: 05/16/2005

**CA LUST REG 4:** Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/27/2004
Date of Next Scheduled Update: 03/28/2005

**CA LUST REG 5:** Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 01/01/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/2005
Date of Next Scheduled Update: 04/04/2005

**CA LUST REG 6L:** Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/06/2004
Date of Next Scheduled Update: 03/07/2005

**CA LUST REG 6V:** Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 08/09/2004
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/03/2005
Date of Next Scheduled Update: 04/04/2005



## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

**CA LUST REG 7:** Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/2004
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/27/2004
Date of Next Scheduled Update: 03/28/2005

**CA LUST REG 8:** Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 11/01/2004
Database Release Frequency: Varies

Date of Last EDR Contact: 02/08/2005
Date of Next Scheduled Update: 05/09/2005

**CA LUST REG 9:** Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/17/2005
Date of Next Scheduled Update: 04/18/2005

**CA SLIC ST:** Statewide SLIC Cases
Source: State Water Resources Control Board
Telephone: 916-341-5752
The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 01/10/2005
Database Release Frequency: Varies

Date of Last EDR Contact: 01/10/2005
Date of Next Scheduled Update: 04/11/2005

**CA SLIC REG 1:** Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/2003
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/23/2005
Date of Next Scheduled Update: 05/23/2005

**CA SLIC REG 2:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/2005
Date of Next Scheduled Update: 04/11/2005

**CA SLIC REG 3:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/18/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/14/2005
Date of Next Scheduled Update: 05/23/2005

**CA SLIC REG 4:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/2004
Database Release Frequency: Varies

Date of Last EDR Contact: 01/24/2005
Date of Next Scheduled Update: 04/25/2005

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES
...Continued...

**CA SLIC REG 5:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/01/2004 — Date of Last EDR Contact: 01/04/2005
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 04/04/2005

**CA SLIC REG 6L:** SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 09/07/2004 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: Varies — Date of Next Scheduled Update: 03/07/2005

**CA SLIC REG 6V:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 04/01/2004 — Date of Last EDR Contact: 12/17/2004
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 04/04/2005

**CA SLIC REG 8:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298

Date of Government Version: 07/01/2004 — Date of Last EDR Contact: 01/07/2005
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 04/04/2005

**CA SLIC REG 9:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 09/10/2004 — Date of Last EDR Contact: 03/01/2005
Database Release Frequency: Annually — Date of Next Scheduled Update: 05/30/2005

**CA SAN DIEGO SWF/LF:** Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/2000 — Date of Last EDR Contact: 02/22/2005
Database Release Frequency: Varies — Date of Next Scheduled Update: 05/23/2005

**CA LOS ANGELES SWF/LF:** List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/2003 — Date of Last EDR Contact: 02/18/2005
Database Release Frequency: Varies — Date of Next Scheduled Update: 05/16/2005

**CA DEHS PERMIT:** Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 01/07/2005 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005

**CA KERN UST:** Underground Storage Tank Sites & Tank Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 12/13/2004 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005



## SECTION 3: DATABASES SEARCHED AND UPDATE DATES
...Continued...

**CA SUTTER UST:** Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/29/2004 — Date of Last EDR Contact: 01/03/2005
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 04/04/2005

**CA HMS:** HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/2004 — Date of Last EDR Contact: 02/14/2005
Database Release Frequency: Semi-Annually — Date of Next Scheduled Update: 05/16/2005

**CA VCP:** Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/09/2004 — Date of Last EDR Contact: 03/01/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 05/30/2005

**CA ORANGE UST:** List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2004 — Date of Last EDR Contact: 12/10/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005

**CA SAN FRANCISCO UST:** Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 12/09/2004 — Date of Last EDR Contact: 12/06/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/07/2005

**CA SOLANO UST:** Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/14/2004 — Date of Last EDR Contact: 12/13/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 03/14/2005

**CA VENTURA UST:** Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/2004 — Date of Last EDR Contact: 01/14/2005
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 04/11/2005

**CA RIVERSIDE UST:** Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 02/14/2005 — Date of Last EDR Contact: 01/17/2004
Database Release Frequency: Quarterly — Date of Next Scheduled Update: 04/18/2005

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

**CA MARIN UST:** Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 11/16/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/31/2005
Date of Next Scheduled Update: 05/02/2005

**CA NAPA LUST:** Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 12/27/2004
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/2004
Date of Next Scheduled Update: 03/28/2005

**CA NAPA UST:** Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 12/27/2004
Database Release Frequency: Annually

Date of Last EDR Contact: 12/27/2004
Date of Next Scheduled Update: 03/28/2005

**CA PLACER MS:** Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/13/2005
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/20/2004
Date of Next Scheduled Update: 03/21/2005

**CA SACRAMENTO LUST:** CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 08/28/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/2005
Date of Next Scheduled Update: 05/02/2005

**CA SACRAMENTO ML:** ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 10/15/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/2005
Date of Next Scheduled Update: 05/02/2005

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. (C) Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

**POTENTIAL SUPERFUND LIABILITY**

**PRP:** Potentially Responsible Parties
Source: EPA
Telephone: 202-564-6064
A listing of verified Potentially Responsible Parties

Date of Government Version: 09/09/2004
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/05/2005
Date of Next Scheduled Update: 04/04/2005

# TAB 11

# APPENDIX K:

# Building Permits

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060114

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER:
THE NEWHALL LAND AND FARMING CO
23823 VALENCIA BLVD
VALENCIA CA 91355
TEL. NO: (661) 255-4000-

APPLICANT:
ALL CONTRACTORS INC (KIM PENMAN)
4287 VENTAVO DRIVE
MOORPARK, CA 93021
TEL. NO: (805) 523-9071-

CONTRACTOR:
ALL CONTRACTORS INC
4287 VENTAVO DR
MOORPARK CA 93021
TEL. NO: (805) 523-9071-
LIC. NO 522842C12 *

ARCHITECT OR ENGINEER:
TEL. NO: -
LIC. NO:

MAP NO: 264H085 SEWER MAP BOOK: PAGE: FIRE ZONE: CMP: 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: NO STAT CLASS: 23

AIR QUALITY: NO
SCHOOL WITHIN 1000 FEET NO
HAZARDOUS MATERIALS NO

STRUCTURE: SQ. FT 2600 NO. OF STORIES CONST TYPE

EXIST BLDG USE: SINGL USE ZONE:
EXIST OCC GRP:

BLDGS. NOW ON LOT: VALUATION: 500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: | UOM: | AMOUNT: |
|---|---|---|---|
| AA BLDG PERMIT ISSUANCE | | | 23.30 |
| 02 DEMOLITION INSPECTN | | | 137.20 |
| TOTAL FEES | | | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261 ROUTE TO: BS0820

BUILDING ADDRESS:
30219 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

ISSUED ON: 10/20/05 PROCESSED BY: LA EXPIRES ON: 10/15/06

FINAL DATE 11-22-05 FINAL BY: Bones CODE:

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 2200/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060115

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER:
THE NEWHALL LAND AND FARMING CO
23823 VALENCIA BLVD
VALENCIA CA 91355
TEL. NO: (661) 255-4000-

APPLICANT:
ALL CONTRACTORS INC (KIM PENMAN)
4287 VENTAVO DRIVE
MOORPARK, CA 93021
TEL. NO: (805) 523-9071-

CONTRACTOR:
ALL CONTRACTORS INC
4287 VENTAVO DR
MOORPARK CA 93021
TEL. NO: (805) 523-9071-
LIC. NO 522842C12 *

ARCHITECT OR ENGINEER:
TEL. NO:
LIC. NO:

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
264H085 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
NO 23

AIR QUALITY: NO
SCHOOL WITHIN 1000 FEET NO
HAZARDOUS MATERIALS NO

| STRUCTURE: | SQ. FT | NO. OF STORIES | CONST TYPE |
|---|---|---|---|
| | 2600 | | |

EXIST BLDG USE: SINGL
EXIST OCC GRP:
USE ZONE:

BLDGS. NOW ON LOT:
VALUATION: 500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: | UOM: | AMOUNT: |
|---|---|---|---|
| AA BLDG PERMIT ISSUANCE | | | 23.30 |
| 02 DEMOLITION INSPECTN | | | 137.20 |
| TOTAL FEES | | | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261
ROUTE TO: BS0820

BUILDING ADDRESS:
30234 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

ISSUED ON: 10/20/05
PROCESSED BY: LA
EXPIRES ON: 10/15/06

FINAL DATE: 11-22-05
FINAL BY: Band
CODE:

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 2200/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060109

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER: TEL. NO:
THE NEWHALL LAND AND FARMING CO (661) 255-4000-
23823 VALENCIA BLVD
VALENCIA CA 91355

APPLICANT: TEL. NO:
ALL CONTRACTORS INC (KIM PENMAN) (805) 523-9071-
4287 VENTAVO DRIVE
MOORPARK, CA 93021

CONTRACTOR: TEL. NO:
ALL CONTRACTORS INC (805) 523-9071-
4287 VENTAVO DR LIC. NO
MOORPARK CA 93021 522842C12 *

ARCHITECT OR ENGINEER: TEL. NO:
-
LIC. NO:

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
264H085 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
NO 23

AIR QUALITY: SCHOOL WITHIN 1000 FEET: HAZARDOUS MATERIALS:
NO NO NO

| | SQ. FT | NO. OF STORIES | CONST TYPE |
|---|---|---|---|
| STRUCTURE: | 1900 | | |

EXIST BLDG USE: SINGL USE ZONE:
EXIST OCC GRP:

BLDGS. NOW ON LOT: VALUATION:
500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: | UOM: | AMOUNT: |
|---|---|---|---|
| AA BLDG PERMIT ISSUANCE | | | 23.30 |
| 02 DEMOLITION INSPECTN | | | 137.20 |
| TOTAL FEES | | | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261 ROUTE TO: BS0820

BUILDING ADDRESS:
30108 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

ISSUED ON: PROCESSED BY: EXPIRES ON:
10/20/05 LA 10/15/06

FINAL DATE FINAL BY: CODE:
11-22-05 [illegible]

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 1500/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060110

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER: TEL. NO:
THE NEWHALL LAND AND FARMING CO (661) 255-4000-
23823 VALENCIA BLVD
VALENCIA CA 91355

APPLICANT: TEL. NO:
ALL CONTRACTORS INC (KIM PENMAN) (805) 523-9071-
4287 VENTAVO DRIVE
MOORPARK, CA 93021

CONTRACTOR: TEL. NO:
ALL CONTRACTORS INC (805) 523-9071-
4287 VENTAVO DR LIC. NO
MOORPARK CA 93021 522842C12 *

ARCHITECT OR ENGINEER: TEL. NO:
LIC. NO:

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
264H085 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
NO 23

| AIR QUALITY: | SCHOOL WITHIN 1000 FEET | HAZARDOUS MATERIALS |
|---|---|---|
| NO | NO | NO |

| | SQ. FT | NO. OF STORIES | CONST TYPE |
|---|---|---|---|
| STRUCTURE: | 1900 | | |

EXIST BLDG USE: SINGL USE ZONE:
EXIST OCC GRP:

BLDGS. NOW ON LOT: VALUATION: 500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: UOM: | AMOUNT: |
|---|---|---|
| AA BLDG PERMIT ISSUANCE | | 23.30 |
| 02 DEMOLITION INSPECTN | | 137.20 |
| TOTAL FEES | | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261 ROUTE TO: BS0820

BUILDING ADDRESS:
30116 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

| ISSUED ON: | PROCESSED BY: | EXPIRES ON: |
|---|---|---|
| 10/20/05 | LA | 10/15/06 |

| FINAL DATE | FINAL BY: | CODE: |
|---|---|---|
| 11-22-05 | Bevers | |

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 1500/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060111

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER:
THE NEWHALL LAND AND FARMING CO
23823 VALENCIA BLVD
VALENCIA CA 91355
TEL. NO: (661) 255-4000-

APPLICANT:
ALL CONTRACTORS INC (KIM PENMAN)
4287 VENTAVO DRIVE
MOORPARK, CA 93021
TEL. NO: (805) 523-9071-

CONTRACTOR:
ALL CONTRACTORS INC
4287 VENTAVO DR
MOORPARK CA 93021
TEL. NO: (805) 523-9071-
LIC. NO 522842C12 *

ARCHITECT OR ENGINEER:
TEL. NO:
LIC. NO:

MAP NO: 264H085 SEWER MAP BOOK: PAGE: FIRE ZONE: CMP: 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: NO STAT CLASS: 23

AIR QUALITY: NO
SCHOOL WITHIN 1000 FEET: NO
HAZARDOUS MATERIALS: NO

| STRUCTURE: | SQ. FT | NO. OF STORIES | CONST TYPE |
|---|---|---|---|
| | 1900 | | |

EXIST BLDG USE: SINGL
EXIST OCC GRP:
USE ZONE:

BLDGS. NOW ON LOT:
VALUATION: 500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: | UOM: | AMOUNT: |
|---|---|---|---|
| AA BLDG PERMIT ISSUANCE | | | 23.30 |
| 02 DEMOLITION INSPECTN | | | 137.20 |
| TOTAL FEES | | | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261
ROUTE TO: BS0820

BUILDING ADDRESS:
30124 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

ISSUED ON: 10/20/05
PROCESSED BY: LA
EXPIRES ON: 10/15/06

FINAL DATE: 11-22-05
FINAL BY: Bano
CODE:

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 1500/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060108

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER: TEL. NO:
THE NEWHALL LAND AND FARMING CO (661) 255-4000-
23823 VALENCIA BLVD
VALENCIA CA 91355

APPLICANT: TEL. NO:
ALL CONTRACTORS INC (KIM PENMAN) (805) 523-9071-
4287 VENTAVO DRIVE
MOORPARK, CA 93021

CONTRACTOR: TEL. NO:
ALL CONTRACTORS INC (805) 523-9071-
4287 VENTAVO DR LIC. NO
MOORPARK CA 93021 522842C12 *

ARCHITECT OR ENGINEER: TEL. NO:
LIC. NO:

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
264H085 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
NO 23

| AIR QUALITY: | SCHOOL WITHIN 1000 FEET | HAZARDOUS MATERIALS |
|---|---|---|
| NO | NO | NO |

| | SQ. FT | NO. OF STORIES | CONST TYPE |
|---|---|---|---|
| STRUCTURE: | 2100 | | |

EXIST BLDG USE: SINGL USE ZONE:
EXIST OCC GRP:

BLDGS. NOW ON LOT: VALUATION:
500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: UOM: | AMOUNT: |
|---|---|---|
| AA BLDG PERMIT ISSUANCE | | 23.30 |
| 02 DEMOLITION INSPECTN | | 137.20 |
| | TOTAL FEES | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261 ROUTE TO: BS0820

BUILDING ADDRESS:
30073 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

| ISSUED ON: | PROCESSED BY: | EXPIRES ON: |
|---|---|---|
| 10/20/05 | LA | 10/15/06 |

| FINAL DATE | FINAL BY: | CODE: |
|---|---|---|
| 11-22-05 | Bass | |

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 1700/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060106

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER:
THE NEWHALL LAND AND FARMING CO
23823 VALENCIA BLVD
VALENCIA CA 91355
TEL. NO: (661) 255-4000-

APPLICANT:
ALL CONTRACTORS INC (KIM PENMAN)
4287 VENTAVO DRIVE
MOORPARK, CA 93021
TEL. NO: (805) 523-9071-

CONTRACTOR:
ALL CONTRACTORS INC
4287 VENTAVO DR
MOORPARK CA 93021
TEL. NO: (805) 523-9071-
LIC. NO 522842C12 *

ARCHITECT OR ENGINEER:
TEL. NO:
LIC. NO:

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
264H085 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
NO 23

AIR QUALITY: NO
SCHOOL WITHIN 1000 FEET: NO
HAZARDOUS MATERIALS: NO

| STRUCTURE: | SQ. FT | NO. OF STORIES | CONST TYPE |
|---|---|---|---|
| | 2100 | | |

EXIST BLDG USE: SINGL
EXIST OCC GRP:
USE ZONE:

BLDGS. NOW ON LOT:
VALUATION: 500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: | UOM: | AMOUNT: |
|---|---|---|---|
| AA BLDG PERMIT ISSUANCE | | | 23.30 |
| 02 DEMOLITION INSPECTN | | | 137.20 |
| TOTAL FEES | | | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261
ROUTE TO: BS0820

BUILDING ADDRESS:
30027 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

ISSUED ON: 10/20/05
PROCESSED BY: LA
EXPIRES ON: 10/15/06

FINAL DATE: 11-22-05
FINAL BY: Bacu
CODE:

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 1700/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

SANTA CLARITA
23757 VALENCIA
VALENCIA CA 91355
PHONE: (661) 222-2940 EXT:

# 0820

BUILDING PERMIT
DEMOLITION
BL 0820 0510060113

LEGAL ID:
ON FILE

ASSESSOR INFORMATION NUMBER:
3272-023-007

TENANT:

OWNER: TEL. NO:
THE NEWHALL LAND AND FARMING CO (661) 255-4000-
23823 VALENCIA BLVD
VALENCIA CA 91355

APPLICANT: TEL. NO:
ALL CONTRACTORS INC (KIM PENMAN) (805) 523-9071-
4287 VENTAVO DRIVE
MOORPARK, CA 93021

CONTRACTOR: TEL. NO:
ALL CONTRACTORS INC (805) 523-9071-
4287 VENTAVO DR LIC. NO
MOORPARK CA 93021 522842C12 *

ARCHITECT OR ENGINEER: TEL. NO:
-
LIC. NO:

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
264H085 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
NO 23

AIR QUALITY: SCHOOL WITHIN 1000 FEET: HAZARDOUS MATERIALS:
NO NO NO

| STRUCTURE: | SQ. FT | NO. OF STORIES | CONST TYPE |
|---|---|---|---|
| | 2600 | | |

EXIST BLDG USE: SINGL USE ZONE:
EXIST OCC GRP:

BLDGS. NOW ON LOT: VALUATION:
500

FEES PAID

| FEE DESCRIPTION: | QUANTITY: UOM: | AMOUNT: |
|---|---|---|
| AA BLDG PERMIT ISSUANCE | | 23.30 |
| 02 DEMOLITION INSPECTN | | 137.20 |
| | TOTAL FEES | 160.50 |

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261 ROUTE TO: BS0820

BUILDING ADDRESS:
30200 WALNUT ORCHARD RD W
SCLR CA 91384
NEAREST CROSS STREET: CHIQUITO CYN RD
THOMAS PAGE: GRID: LOCALITY: VAL VERDE

ISSUED ON: PROCESSED BY: EXPIRES ON:
10/20/05 LA 10/15/06

FINAL DATE FINAL BY: CODE:
11-22-05 Ben

DESCRIPTION OF WORK
DEMOLISH RES/GARAGE AND ABANDON SEPTIC SYSTEM 2200/400 SF

SPECIAL CONDITIONS:
SUBJECT TO FIELD INSPECTION

| APPROVALS | DATE | INSPECTOR SIGNATURE |
|---|---|---|
| PEDESTRIAN PROTECTION | | |
| SEWER DISCONNECTION | | |
| ABANDON PRIVATE DISPOSAL | | |
| UNDERGRND STRUCT REMOVAL AND SOIL RECOMPACTION | | |

# TAB 12

# APPENDIX L:

# References

**PHASE I ENVIRONMENTAL SITE ASSESSMENT**
**Parcel Map No. 060678, Highway 126**
**Valencia, California**

## REFERENCES


1. 1994 Fault Activity Map of California and Adjacent Areas (1:750,000 scale), California Department of Conservation, Division of Mines and Geology.
2. County of Los Angeles Department of Public Works, Hydrologic Records, records request April 28, 2005.
3. County of Los Angeles Public Works Department, Building and Safety Division, To be completed.
4. EDR Radius Map with GeoCheck® EDR-Radius Map Report No. 01376454.1r, March 15, 2005.
5. EDR Sanborn® Map Report, Inquiry No. 01376454.5s, March 15, 2005.
6. EDR-Radius Map Report No. 01376454.1r, March 15, 2005.
7. EPA, 1993, Map of Radon Zones.
8. The EDR Aerial Photograph Print Service, Inquiry No. 1376454-3, March 14, 2005 and Continental Aerial Photography, Cypress, California 1952, 1972, 1988, 1990, 1993, 1995 and 1999, reviewed April 28, 2005.
9. The EDR Historical Topographic Map Report, Inquiry No .01376454.-5, March 15, 2005.
10. The EDR Radius Map with GeoCheck®, Inquiry No. 01376454.1r, March 15, 2005.
11. USGS Map, Val Verde and Newhall, California Quadrangles, 1952, photo-revised 1988.

# TAB 13

# APPENDIX M:

# Glossary of Acronyms

## *Glossary Of Acronyms*

*(for words that frequently appear in environmental reports)*

ASTs = above-ground storage tanks

ACMs = asbestos-containing materials

BTEX = benzene, toluene, ethylbenzene and xylenes

bgs = below ground surface

EDR = Environmental Data Resources, Inc.

LQG = Large Quantity Generator of hazardous waste

LUSTs = leaking underground storage tanks

MTBE = methyl-tertiary-butyl ether

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

PCE = perchloroethene

ppb = parts per billion

ppm = parts per million

SQG = Small Quantity Generator of hazardous waste

TCE = trichloroethene

TPH-d = Total Petroleum Hydrocarbons as diesel

TPH-g = Total Petroleum Hydrocarbons as gasoline

TRPH = Total Recoverable Petroleum Hydrocarbons

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

USTs = underground storage tanks

VOCs = volatile organic compounds