

# CONSTRUCTION SITE WELL INSPECTION

District Ref. No. \_\_\_\_\_

Field: Newhall - portrero  
~~Casare Junction~~ City/County Los Angeles Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ B.&M. \_\_\_\_\_

Location (major cross streets): \_\_\_\_\_

Development representative: Gregg Millikan / Anacapa Geoservices, Inc. Phone: (805) 766-204

Describe the exact location of the excavation or well at the building site (from a reference point on a Division Map):  
 \_\_\_\_\_  
 \_\_\_\_\_

How the location was determined:      Measured       Surveyed       Other

Describe: \_\_\_\_\_

Well designation: "Newhall corp Wolfson" 1, API No. 03712613

Operator: ~~Medallion CA. Properties Co.~~ Kerr McGee

### SAFETY PRECAUTIONS AND UNSAFE EXCAVATIONS

**CAUTION!** Oil and gas wells may produce hydrogen sulfide gas, which is highly poisonous and will accumulate and concentrate in low areas such as excavations. Before entering an excavation area, test to ensure that there is sufficient oxygen and that the flammable/toxic gas readings are within safe limits.

INSPECTIONS	1	Initials Date	2	Initials Date	3	Initials Date	4	Initials Date
Excavation size								
Picture No.								
Picture direction								
Metal detector (Y/N)	N	JP 9/30/05						
Visible casing size(s) (or comment)		↓						
Fluid leaks (Y/N)*	N	JP						
Amount (est.)								
Gas leaks (Y/N)*	N	JP						
Amount (est.)								
Gas detector (N/Y)	Y	JP						
Bubble test (Y/N)								

\*Leak location(s): \_\_\_\_\_

Describe hazardous or damaged well condition(s): Gas detector ok / no leaks. Needs annular upgrade Cement

Report finalized by: Fred Pinada Date: 9/30/05

RESOURCES AGENCY OF CALIFORNIA  
 DEPARTMENT OF CONSERVATION  
 DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

F.E. Armijo, Agent  
Oryx Energy Company  
25322 W. Rye Canyon Road  
P.O. Box 55060  
Valencia, CA. 91355

Ventura, California  
March 29, 1990

Your report of abandonment of well "Newhall Corporation-Wolfson" 1, A.P.I. No. 037-12613, Section 26, T. 4N, R. 17W, SB B.&M., Newhall Potrero field, Los Angeles County, dated 3-2-90, received 3-7-90, 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.

AAAP	MAP BOOK	CARDS	BOND	EDP	FORMS	
253	SPM	—	BB	nis	114	127
					—	✓

cc: Conservation Committee  
 Update  
 bb

M.G. MEFFERD, State Oil and Gas Supervisor  
 By Patrick J. Kinnear  
 Patrick J. Kinnear, Deputy Supervisor

OPERATOR  
WELL NO.  
MAP

Oryx Energy Co.  
"Nethall Corp-Wolfson" 1

INTENTION  
NOTICE DATED  
P-REPORT NUMBER  
CHECKED BY/DATE  
MAP LETTER DATED  
SYMBOL

<i>abd</i>					
<i>10/30/89</i>					
<i>289-413</i>					
<i>SPM 5-2-90</i>					
<i>5-5-90</i>					
<i>(45-9508)</i>					

NOTICE  
HISTORY  
SUMMARY  
E-LOG  
MUD LOG  
DIPMETER  
DIRECTIONAL  
CORE/SWS  
CBL

	REC'D	NEED	REC'D	NEED	REC'D	NEED	REC'D	NEED	REC'D	NEED
<i>10/31/89</i>										
<i>3-7-90</i>										

ENGINEERING CHECK

T-REPORTS  
OPERATOR'S NAME  
WELL NO.  
LOC & ELEV  
SIGNATURE  
SURFACE INSP.  
DRILL CARD

	<i>✓</i>				
	<i>✓</i>				
	<i>✓</i>				
	<i>✓</i>				
<i>12/11/89</i>	<i>BH</i>				

RECORD'S COMPLETE  
*Not in edp 12/89*

INJECTION BOOK \_\_\_\_\_  
IDLE WELL LIST \_\_\_\_\_  
SURFACE INSP. CARD \_\_\_\_\_  
OK TO RELEASE FROM CONFIDENTIAL \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FINAL LETTER OK \_\_\_\_\_  
MAILED \_\_\_\_\_  
RELEASED BOND \_\_\_\_\_

MAR 7 1990

VENTURA, CALIFORNIA

SUBMIT IN DUPLICATE  
RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator ORYX ENERGY COMPANY Field or County Newhall-Potrero  
Well Newhall Corp-Wolfs TR 1 #1 Sec. 26, T 4N, R 17W, SB B. & M.  
A.P.I. No. 04-111-12613 Name F. E. ARMIJO Title Agent  
Date 3-2, 1990 (Person submitting report) (President, Secretary or Agent)

Signature F. E. Armijo

Box 55060, Valencia, California 91355-0560 (805) 257-6200  
(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

P&A, OTHER  
13-3/8" CSG TO 315'/PBD 220'/OH TO 9508'/LA COUNTY, CA/P# 865628/  
WELL PLUGGED AND ABANDONED IN 1945/REPLUGGING ACCORDING TO DOG 1989  
STANDARDS/

11/09/89

\*\*\* FIRST REPORT \*\*\*

11-6-89/DRIVE RIG TO LOCATION/SPOT RIG/MATTS/TIMBERS/

11-7-89/MIRU/SPOT PIPE/BURY ANCHORS/SPOT MUD PUMP/BOP/DC'S/COMPACT ROAD  
INTO LOCATION/

11/10/89

11-8-89/RIH W/9-7/8" BIT, 6" D.C.'S TO 196'/TAG FILL/ATTEMPT TO CIRC/  
WELDER REPAIR LEAK AROUND FLANGE/ATTEMPT TO CIRC GETTING RETURNS AT  
SURFACE OUTSIDE CONDUCTOR PIPE/SDFN/PREP TO PUMP CMT W/CURRENT CONDITIONS  
TO FILL VOID OUTSIDE CONDUCTOR/

11/11/89

11-9-89/RU BJ/BJ PUMP 40 CU FT "G" CMT/13-5/8" CSG PARTED APPROX 1' INTO  
CONDUCTOR PIPE/REMOVE BOP/DUG OUT CELLAR IN ATTEMPT TO LOCATE HOLE IN  
CONDUCTOR PIPE/SDFN

11/12/89

11-10-89/WELD 13-3/8" CSG STUB BACK ONTO WELLHEAD/RIH W/2-6" DC'S &  
9-7/8" BIT/TAG AT 60'/FELL THROUGH/CONT IN HOLE TO 196'/EST CIRC-NO LEAKS/  
DRILL OUT OLD CMT 196'-122' @ 10' PER HR/CIRC CLEAN/LAY DOWN PWR SWVL/  
SDFN/

11/13/89

11-11-89/PU PWR SWVL & 1 JT TBG/DRILL TO 226'/GOT RETURNS OUT OF GROUND

11/14/89  
SDFWE/

11/15/89  
11-13-89/POH LAYING DOWN TWO 6" DC'S/BREAK OFF 9-7/8" BIT/LAYED DOWN  
FOUR JTS 3-1/2 TBG/REMOVE B.O.P./SPOT H&H TRAILER W/2-7/8" TBG & 4 - 3-1/8"  
DC'S/

11/16/89  
11-14-89/RIH W/226' 5-1/2 15.5# FJ CSG SET ON BOTTOM (TWO CENTRALIZERS @  
10' & 30' FROM BTM)/RU BJ & BREAK CIRC DOWN 5-1/2" CSG AND UP 13 3/8" CSG/  
BJ PUMP 170 CU FT (149 SX) CLASS "G" CEMENT W/2% CACL FOLLOWED BY BJ PLUG/  
DISPLACED W/26 CU FT FRESH WATER/SHUT IN CSG VLV/MAX RATE 2 BPM/MAX PRESS  
100 PSI/MIN RATE .5 BPM/MIN PRESS 0 PSI/

11/17/89  
11-15-89/TAG CMT IN 5-1/2" - 13-3/8" ANNULUS @ 15'/CUT OFF 5-1/2" BELOW  
13-3/8" FLANGE/INSTALL BOP ON 13-3/8"/TEST LEAKING OUT 13-3/8"/REMOVE  
BOP/WELD STABILIZING ARMS ONTO 5-1/2" AND 5-1/2 - 6-5/8" 8R X-OVER TO  
5-1/2" CSG/INSTALL FLANGE AND MECH GATE BOP/RIH W/4 - 3-1/8" DC'S &  
4-3/4" BIT TO 145'/TAG CMT PLUG/INSTALL STRIPPER CAGE & PWR SWVL/BREAK  
CIRC (DOWN TBG - UP 5-1/2")/SDFN/

11/18/89  
11-16-89/BREAK CIRC/DRILL OUT 145'-360'/BROKE THROUGH CMT @ 345'/PUSHING  
PLUG/CIRC HOLE/GETTING ROCKS & GRAVEL IN RETURNS/PU TO 300' (INTO 13-3/8")/  
SDFN/

11/19/89  
11-19-89/RIH AND TAG @ 360'/CIRC DOWN TO 600'/POH W/TBG, DC'S BIT/RIH  
W/SAWTOOTH CLR AND 2-7/8" TBG/CIRC DOWN TO 1009'/HOLE BEGAN TAKING WATER AND  
TBG PLUGGING W/SAND & ROCKS/ATTEMPT CONV CIRC/UNABLE TO LIFT FILL TO SURFACE/  
ATTEMPT TO REVERSE OUT FILL-HOLE TAKING WATER AND GETTING VERY LITTLE  
RETURNS/CIRC WELL/POH/SDFN/

11/20/89  
11-18-89SDFWE

11/21/89  
11-19-89/SDFWE

11/22/89  
11-20-89/MIRU FOAM AIR/RIH W/SAWTOOTH CLR & 2-7/8" TBG TO 500'/ATTEMPT  
TO FOAM UP/WATER ENTRY TOO GREAT FOR GOOD FOAM/RIH TO 1009'/CLEAN OUT  
TO 1595' & CIRC CLEAN/WELL FLOWING WATER/PUMP 100 BBL 74#/CF MUD DOWN  
TBG/WELL CONT. TO FLOW WATER/POH W/TBG & SAWTOOTH CLR/RD FOAMAIR/  
RIH TO 1595'/RU BJ/BREAK CIRC/BJ PUMP 265 CU FT (234 SX) CLASS "G" CMT  
W/2% CACL DISPLACED W/38 CU FT FW/POH/RD BJ/EST. TOP OF CMT-1195'/

11/23/89

11-21-89/RIH & TAG CMT @ 1355' (DOG WITNESS)/POH LAYING DOWN TBG AND STAND BACK SIX STANDS/LAY DOWN 3-1/8" DC'S/RIH TO 365'/BREAK CIRC/BJ PUMPED 250 SX (284 CU FT)CLASS "G" CMT W/2% CACL/ATTEMPTED TO CIRC CMT TO SURFACE/NO RETURNS/POH SDFN/DOG (STEVE MULQUEEN) OK'D NOT MUDDING UP AT 365' SINCE FRESH WATER ZONE WOULD TAKE IT/

11/24/89

11-22-89/RIH TAG CMT @ 120'/LAY DOWN EXCESS TBG/RU BJ W/TBG @ 120'/BJ PUMP 80 SX "G" CMT W/2% CACL/CIRC CMT IN 5-1/2" AND 13-3/8 (TO 15')/RD BJ/REMOVE BOP/RDMO/

11/25/89

11-23-89/DROP WELL FROM REPORT PENDING SURFACE ABANDONMENT/

11/26/89

DROPPED FROM REPORT 11-23-89/

12/13/89

\*\*\* FINAL REPORT \*\*\*

11-27-89/TOP OFF CMT/DUG OUT CELLAR/CUT OFF CSG 6' BELOW SURFACE/WELDED CAP ON WELL/CLEAN OUT LOCATION W/BULLDOZER AND SKIP LOADER/

12-11-89/DOG APPROVED SURFACE ABANDONMENT/

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

No. T 289-379

REPORT ON OPERATIONS

F.E. Armijo, Agent  
Oryx Energy Company  
25322 W. Rye Canyon Road  
P.O. Box 55060  
Valencia, CA. 91355

Ventura, California  
December 5, 1989

Your operations at well "Newhall Corp.-Wolfson" 1, API No. 037-12613,  
Sec. 26, T. 4N, R. 17W, S.B.B.&M. Newhall Potrero Field, in Los Angeles  
County, were witnessed on 11/22/89. Pam Ceccarelli, representative of  
the supervisor, was present from 0900 to 1000. There were also  
present Ken Kennedy.

Present condition of well: 13 3/8" cem 315'; 5 1/2" cem 226'. TD 9508'.  
Plugged w/cem 1595'-1355' & 365'-5'.

The operations were performed for the purpose of abandonment.

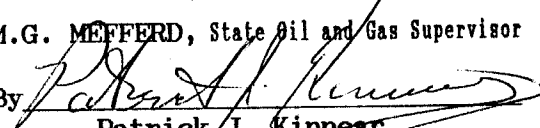
DECISION:

The plugging operations as witnessed and reported are approved.

l jg

SUPF INSP OK 12/11/89 BH

M.G. MEFFERD, State Oil and Gas Supervisor

By   
Patrick J. Kinnear  
Deputy Supervisor

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

No. P289-413  
Field Code 000  
Area Code 000  
New Pool Code 00  
Old Pool Code 00

PERMIT TO CONDUCT WELL OPERATIONS

F.E. Armijo, Agent  
Oryx Energy Company  
25322 W. Rye Canyon Road  
P.O. Box 55060  
Valencia, CA. 91355

Ventura, California  
November 8, 1989

Your proposal to abandon well "Newhall Corp.-Wolfson"1,  
A.P.I. No. 037-12613, Section 26, T. 4N, R. 17W, S.B. B.&M.,  
Newhall-Potrero field, any area, no breakdown pool,  
Los Angeles County, dated 10/30/89 received 10/31/89, has been  
examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Blowout prevention equipment conforming to DOG 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 1600'.
4. The well shall be plugged with cement from 1600' to 1400' and 265' to surface.
5. 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 (10 min.) of 20 lbs./100 sq. ft.
6. This office shall be consulted before deviating from the proposed abandonment program.
7. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
8. THIS DIVISION SHALL BE NOTIFIED:
  - a. To witness the location and hardness of the cement plug at 1400', and 265'.
  - b. To witness the mudding of the well.
  - c. To witness the placing of the surface plug or to verify its location.
  - d. To inspect and approve the cleanup of the well site before approval of abandonment will be issued.

bb

Engineer Steve Fields

Phone (805) 654-4761

M.G. MEFFERD, 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



STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

DIVISION OF OIL AND  
RECEIVED

OCT 31 1989

**Notice of Intention to Abandon Well**

This notice must be given at least five days before work is to begin.

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 NEWHALL CORPORATION WOLFSON #1, API No. N/A 037-12613, Sec. 26, T. 4N, R. 17W, S.B. B. & M., NEWHALL POTRERO Field, LOS ANGELES County, commencing work on NOVEMBER 6, 1989.

The present condition of the well is: Abandon

Additional data for dry hole (show depths)

- 1. Total depth: 9508' TD
- 2. Complete casing record, including plugs and perforations:  
See Attached

5. Oil or gas shows

3. Last produced Well was plugged 10-45  
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

6. Stratigraphic markers:

or  
4. Last injected N/A  
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

7. Formation and age at total depth:

8. Base of fresh water sands: N/A

The proposed work is as follows:

To meet 1989 regulations, Oryx plans to replug this well. See attached procedures.

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  
(Area Code) (Number)

ORYX ENERGY COMPANY  
(Name of Operator)  
By F.E. Armijo  
(Print Name)  
F.E. Armijo by CSB 10-30-89  
(Signature) (Date)

**RECOMMENDED WORK PROCEDURE** Sun-5036-3-C

WELL NAME NCW #1		FIELD NAME Newhall-Potrero		COUNTY Los Angeles		STATE CA	
PERMANENT ZERO POINT Elev. 1269'			UPPERMOST PLUG 220' cmt			RETAINER	
CASING	SIZE & WEIGHT PROD 13-3/8"	DEPTH SET 315'	PACKER DEPTH (TOP) & TYPE	(1)	(2)	(3)	
	SIZE, WEIGHT, GRADE, ETC.	DEPTH SET	TOP OF CEMENT BEHIND PROD CSG.	CALCULATED		LOG	
TUBING		DEPTH SET	PERFS				
<b>PROCEDURE</b>							<b>RIG TIME</b>

1. MIRU coil tbg unit. RIH w/1-1/2" CT & circ hole clean down to 220'. If unable to clean hole to 220', contact D.O.G. for verbal abandonment modifications.
2. MIRU B.J. Pump 200 cu./ft. class "G" cement w/3% CaCl<sub>2</sub> & loss circulation additive down 1-1/2" CT & up 13-3/8" CSG to surface. RDMO B.J.
3. POOH w/1-1/2" CT. WOC 4-5 hours. Tag TOC. RD CT unit.
4. Cut surface csg 5' below GL. Remove flowlines & clean location. Weld plate marker over casing. Contact D.O.G. for surface abandonment approval.

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL NCW #1

FIELD NEWHALL - POTRERO

DATE 10-23-89

PRESENT COMPLETION

SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

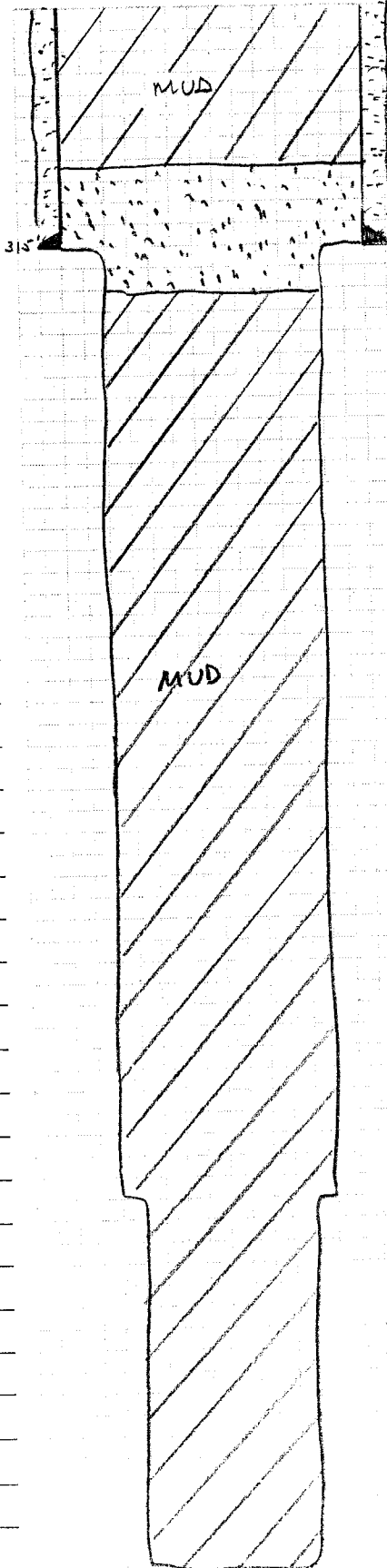
ELEV 1269'

13 3/8" SURF CSG @ 315'

11" HOLE TO 7650'

10 5/8" HOLE TO 9508'

TD 9508'



DATA ON THIS COMPLETION

100 SX CMT PLUG  
FROM 220' - 367' (CALC)

74 #/CF MUD IN HOLE

COPIES OF OIL REC'D  
RECEIVED

OCT 31 1989

VENTURA, CALIFORNIA

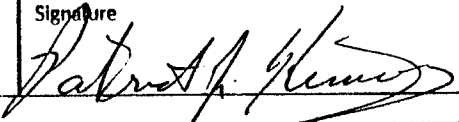
RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

**REPORT OF PROPERTY AND WELL TRANSFER**

Field or county <b>Newhall-Potrero</b>		District <b>2</b>
Former owner <b>Sun Exploration and Production Co.</b>		Date <b>Aug. 7, 1989</b>
Name and location of well(s) <b>Sec. 31, T. 4N., R. 16W., (ALL WELLS)</b> <b>Secs. 21, 22, 25, 26, 27, 28, 35, 36, T. 4N., R. 17W. (ALL WELLS)</b>		
Description of the land upon which the well(s) is (are) located		
Date of transfer, sale, assignment, conveyance, or exchange <b>5-3-89</b>	New owner <b>Oryx Energy Co.</b>	Type of organization <b>Co.</b>
	Address <b>P.O. Box 55060 Valencia, CA 91355</b>	Telephone No. <b>805-257-6200</b>
Reported by <b>Sun Exploration &amp; Production Co.</b>		
Confirmed by <b>Oryx Energy Co.</b>		
New operator new status (status abbreviation) <b>PA</b>	Request designation of agent	
Old operator new status (status abbreviation) <b>PA</b>	Remarks <b>(NAME CHANGE ONLY)</b>	

**OPERATOR STATUS ABBREVIATIONS**

PA - Producing Active
NPA - No Potential, Active
PI - Potential Inactive
NPI - No Potential, Inactive
Ab - Abandoned or No More Wells

Deputy Supervisor <b>Patrick J. Kinnear</b>	Signature 
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FORM AND RECORD CHECK LIST						
Form or record	Initials	Date	Form or record	Initials	Date	
Form OGD121			Map and book			
Form OGD148			Notice to be cancelled			
New well cards			Bond status			
Well records			EDP files			
Electric logs						
Production reports						

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

**REPORT OF PROPERTY AND WELL TRANSFER**

Field or county <b>NEWHALL-POTRERO</b>		District <b>2</b>
Former owner <b>Sun Oil Company</b>		Date <b>Mar. 31, 1983</b>
Name and location of well(s) <b>Sections 21, 22, 25, 26, 27, 28, 35, 36, T4N. R. 17W.</b>  <b>ALL WELLS</b>		
Description of the land upon which the well(s) is (are) located		
Date of transfer, sale, assignment, conveyance, or exchange <b>1/1/82</b>	New owner <b>Sun Exploration &amp; Production Co.</b>	Type of organization <b>Company</b>
	Address <b>P.O. Box 55060 Valencia, Ca. 91355</b>	Telephone No. <b>(805) 257-6200</b>
Reported by <b>Sun Oil Company</b>		
Confirmed by <b>Sun Exploration &amp; Production Co.</b>		
New operator new status (status abbreviation) <b>PA</b>	Request designation of agent <b>on file</b>	
Old operator new status (status abbreviation) <b>Ab</b>	Remarks <b>NAME CHANGE ONLY</b>	

Deputy Supervisor <b>Murray W. Dosch</b>	Signature <i>Murray W. Dosch</i>
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**OPERATOR STATUS ABBREVIATIONS**

PA - Producing Active
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FORM AND RECORD CHECK LIST						
Form or record	Initials	Date	Form or record	Initials	Date	
Map and book			Map and book			
Form OGD121			Notice to be cancelled			
Form OGD148			Bond status			
New well cards			EDP files			
Well records						
Electric logs						
Production reports						

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 owner-  
 ship file.

Date of Transfer May 16, 1955  
 New Owner: Sunray Mid-Continent Oil Co.  
 Address: 714 West Olympic Boulevard, Los Angeles 15, California

Type of Organization Corporation

Reported by: Sunray Oil Corp. (Notice May 16, 1955)\*  
 Confirmed by: *Ab* \*On Sunray Mid-Continent Oil Co. well No. "Darling Community" 1, South Rosecrans. eb  
 New Operator New Status PA, Old Operator New Status Los Angeles  
 Request designation of agent for the following County.

Remarks:

eb  
 CC- Mr E H Musser  
 Prod Dept  
 Conservation Committee

*R. H. Halling*  
 Deputy Supervisor

	INITIALS	DATE
Form 121	<i>g</i>	7-13-55
New Well Cards		
Well Records	<i>SP</i>	6-26-55
Logs	<i>MM</i>	7-12-55
Production Reports	<i>MM</i>	6-23-55
Map and Book	<i>ISA</i>	<i>mm</i>
Form 148		<i>mm</i>

LEGEND
PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells
NOTE—If Transfer Does Not Change Overall Status Enter "No Change"

629 South Hill Street,  
Los Angeles 14, California,  
December 30, 1946.

Mr. R. E. Foss,  
714 West Olympic Boulevard,  
Los Angeles 15, California.

Agent for Barnsdall Oil Company.

Dear Sir:

Your report of abandonment of well No. "Newhall-Corporation-Solfson" 1, Sec. 26, T. 4 N., R. 17 W., S. E. B. & M., Newhall-Potrero oil field, Los Angeles County, dated December 7, 1946, and submitted to this division on our form No. 102, 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,

*E. H. Musser*  
Deputy Supervisor *E.H.M.*

cc - Mr. R. D. Bush  
- Company

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
<i>18A</i> <i>JLW</i>	<i>JLW</i>		<i>[Signature]</i>		<i>[Signature]</i>

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS  
**RECEIVED**  
DEC 24 1946  
LOS ANGELES, CALIFORNIA

Subsequent Work Report

OPERATOR Barnsdall Oil Company FIELD Newhall-Potrero

Well No. Newhall Corporation, Sec. 26, T. 4 N, R. 17 W, SB B. & M.  
Wolfson #1

In compliance with the provisions of Chapter 93, Statutes 1939, the information given herewith is a complete and correct record of all work done on the well since the previous record, dated August 3, 1945

....., was filed.

SIGNED R.E. Jones

Date Dec. 7, 1946

Title Agent  
(President, Secretary or Agent)

Outline in the order of performance, together with the dates thereof, all important operations which alter the condition of the well. Include such information as depth at which re-drilling operations were started, size of hole re-drilled or deepened; size of pipe, amount of perforations in casing, weight and length of casing landed or cemented or removed; number of sacks of cement used in cementing or plugging operations and exact position thereof. 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

This well was drilled to 8490' prior to 3-25-41

1945

8-18 - 29 - Cleaned out to 8490'.

8-29/9-29 - Drilled 10 5/8" hole to 9508'.

10-3 - Cemented with 100 sacks Colton construction cement through drill pipe hung at 248'.

10-4 - Found top of hard cement at 320'.

Well abandoned.

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121



CORE RECORD

Form 5-0D  
 COUNTY Los Angeles FIELD OR DIST. Newhall-Potrero

COMPANY BARNSDALL OIL COMPANY WELL / R. C. W. #1

LOCATION 2200' N & 700' W of SW cor Section 26

SECT. 26 T. 4N R. 17W ELEV.

DATE	CORE BARREL		FROM	TO	FEET	%	RECOVERY			OIL SAND	DESCRIPTION	F/D
	MAKE	SIZE					SHALE	SAND	SHELL			
9/12	Reed	7-5/8	9012	9023	4	24	0.2	0.3			D	
9/12	Reed	7-5/8	9023	9042	8	62	1.0	2.0			F	
9/13	Reed	7-5/8	9042	9051	6	67	5.0		0.4			
9/23	Reed	7-5/8	9406	9419	0	0		0.2				

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 "P" 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: B4 Buff, B1K Black, BU Blue, Br Brown, Gy Gray, Gn Green, Choc. Chocolate, Dk Dark, Lt Light, OI Olive, Pur Purple, R Red, T Tan, Wh White.  
 HARDNESS: Fm Firm, Fri Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.  
 TEXTURE: C or Co Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shy Shaly, V Very.  
 SORTING: E Even, G Good, P Poor, F Fair.  
 MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaeous, S S Sandstone.

CORE RECORD

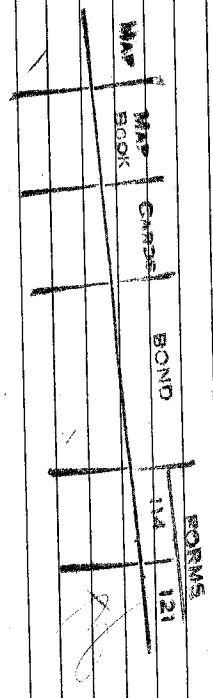
COUNTY Los Angeles FIELD OR DIST. Novato 1-Potrero COMPANY BARNSDALL OIL COMPANY WELL N.C. 171  
 LOCATION 2200' N & 700' W of SE cor Section 26 -2- SECT. 26 T. 4 R. 17 ELEV.

DATE	CORE BARREL		FROM	TO	FEET	%	RECOVERY			OIL SAND	F/D
	MAKE	SIZE					SHALE	SAND	SHELL		

9/26	Reed	7-5/8	3445	9452	4	57	4				
------	------	-------	------	------	---	----	---	--	--	--	--

NOTE: COLOR, HARDNESS, TEXTURE, SORTING, FOSSILS, DIPS OF BEDS AND FRACTURES  
 Description: Dark brownish gray laminated with light blue-gray hard, broken. Dips approx. 45°.

Described by D.H. Forline



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 sandy. 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, BK Black, BU Blue, Br Brown, Gy Gray, Gn Green, Choc. Chocolate, Dk Dark, Lt Light, OI Olive, Pur Purple, R Red, T Tan, Wh White.  
 HARDNESS: Fm Firm, Frl Friable, H or Hd Hard, M or Med Medium, S Soft, V Very.  
 TEXTURE: C or Coe Coarse, Fn Fine, M or Med Medium, Peb Pebbly, Shy Shaly, V Very.  
 SORTING: E Even, G Good, P Poor, F Fair.  
 MISCELLANEOUS: Bent Bentonite/Bentonitic, Carb Carbonaceous, Cong Conglomerate, Fos Fossils/Fossiliferous, Mic Micaeous, S S Sandstone.

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF OIL AND GAS**

**Report on Proposed Operations**

No. P 1-41257

Los Angeles 14, Calif. October 9, 19 45

Mr. R. E. Foss

Los Angeles 15, Calif.

Agent for BARNSDALL OIL COMPANY

171

DEAR SIR:

"Newhall Corporation-Wolfson"

Your proposal to abandon Well No. 1

Section 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall-Potrero Field, Los Angeles County,

dated Oct. 3, 19 45, received Oct. 8, 19 45, 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.
- 13 3/8" C. 315'
- 11" hole to 7650'
- 10 5/8" hole to 9508'
- Total Depth 9508'

No oil sands encountered."

PROPOSAL:

"The proposed work is as follows:

- Plug hole with cement from 335 to 295'.
- Cap 13 3/8" casing and abandon."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED TO WITNESS the location and hardness of cement plug at 295'.

CLB:OH

cc- Company

R. D. BUSH

State Oil and Gas Supervisor

By E. H. Musser Deputy  
EHB

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. October 3 19 45

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. Newhall Corporation-Wolfson #1

Sec. 26, T. 4 N, R. 17 W, SB B. & M. Newhall Petrero Field,

Los Angeles County, commencing work on the 3rd day

of October 19 45.

The present condition of the well is as follows:

1. Complete casing record.

13 3/8" C. 315'  
11" hole to 7650'  
10 5/8" hole to 9508'

Total Depth 9508'

No oil sands encountered

2. Last produced. 

Date	Net oil	Gravity	Cut

The proposed work is as follows:

Plug hole with cement from 335 to 295'.

Cap 13 3/8" casing and abandon.

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
			Blanket dated 8-25-41		

BARNSDALL OIL COMPANY  
(Name of Operator)

By R. E. Ford



629 South Hill Street,  
Los Angeles 14, California.  
August 13, 1945.

Barnsdall Oil Company,  
714 West Olympic Boulevard,  
Los Angeles 15, California.

Gentlemen:

I have received your letter of August 3, 1945, requesting change in designation of a well acquired by you in the Newhall-Potrero field.

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:

Sec. 26, T. 4 N., R. 17 W., S. 3, E. 3, & M.

Well No. "Ferguson" 1, of Newhall-Potrero Oil Company, will hereafter be known as your well No. "Newhall Corporation-Wolfson" 1.

Yours truly,

R. D. RUSH,  
State Oil and Gas Supervisor.

By E. H. Mueser  
Deputy Supervisor. *ELB*

Corrections Made at Wellhead	By Whom
Form 114	
" 115	<i>Young</i>
" 121	
" 143	
Cards	
Production Reports	
Well Records ( Entries )	
Field Maps	
Map Books	

*18 A JW.*  
*8-17-45 JLW.*

2 cc - Mr. R. D. Rush  
1 cc - Mr. Cooley

Los Angeles

August 13, 1945

E. H. Musser

R. D. Bush

In a letter dated August 3, 1945, Barnsdall Oil Company informed me that it leased the property upon which is located Newhall-Potrero Oil Company well No. "Ferguson" 1, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero field, on April 27, 1943.

I have been unable to get a confirmation of the transfer involving this well from Newhall-Potrero Oil Company, but Barnsdall Oil Company has further confirmed the fact that it has acquired the well by filing a notice of intention to deepen. My records are being changed accordingly.

I shall notify you as soon as Barnsdall Oil Company begins operations at the well so that the bond filed by Newhall-Potrero Oil Company may be released.

*E. H. Musser*  
EHB

Deputy Supervisor.

my  
cc - M. Cooley

Corrections Made as Follows:	By Whom
Form 114	
" 115	
" 121	
" 141	
Cards	
Production Reports	
Well Records	
Field Files	
Map Book	

*8-13-45 JLV*

629 South Hill Street,  
Los Angeles 14, California.  
August 6, 1945.

Va 3111

Newhall-Potrero Oil Company,  
838 Citizens National Bank Bldg.,  
Los Angeles 13, California.

Gentlemen:

I have been informed that Barnsdall Oil Company is now the operator of the well which has been carried in our records as your well No. "Ferguson" 1, Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero field.

Will you please supply me with a chain of title showing the manner by which Barnsdall Oil Company came into possession of this well. I particularly need to know to whom you relinquished your interest in the well and the exact date of the transaction.

Yours truly,

*E. H. Musser*  
EHB

Deputy Supervisor.

Note: Address reply to attention  
of C. L. Barton.

BY

**BARNSDALL OIL COMPANY**

**PETROLEUM BUILDING**

**LOS ANGELES**

**CALIFORNIA  
DIVISION**

August 3, 1945



Mr. E. H. Musser  
Deputy State Oil and Gas Supervisor  
Division of Oil and Gas  
629 S. Hill St.  
Los Angeles 14, Calif.

Dear Sir:

Enclosed you will find two copies of our notice of intention to deepen well No. "Newhall(-) Corporation-Wolfson 1."

This well was originally drilled by Newhall-Potrero Oil Company as well No. "Ferguson 1." We acquired this well by leasing the property on April 27, 1943, and wish to use the name shown above.

Very truly yours,

BARNSDALL OIL COMPANY

By

*R. E. Foss*  
AGENT

REF:SM

Encl.



Los Angeles, California.

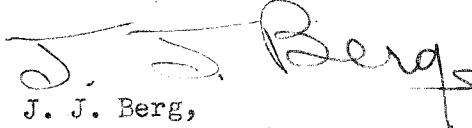
February 9, 1942.

Mr. Cecil Barton,  
Division of Oil & Gas,  
State of California,  
Dept. of Natural Resources,  
Los Angeles, Calif.,

Dear Sir:

In accordance with request to Mr. M. J. Gentry, I am inclosing herewith, History of Oil or Gas Well, in Connection with Ferguson #1 Well, of the Newhall-Potrero Oil Company, which you requested made out and filed for the completion of your records on this well.

Yours very truly,

  
J. J. Berg,  
Vice-President.

ms  
Encls-

DIVISION OF OIL & GAS  
RECEIVED  
JAN 7 - 1942  
LOS ANGELES, CALIFORNIA

Alhambra, Cal.

Jan. 5th 1942

Division of Oil and Gas,  
629 South Hill Street,  
Los Angeles, Cal.

Gentlemen:

Attention Mr. C. E. BARON

Enclosed will please find form #102, being the last of forms received. Sorry to have caused the delay on this but Mr. Blodgett just mailed it to me and am forwarding along.

If there is anything further I can get for you kindly let me hear.

Yours very truly,

M J Gentry  
1765 South 4th St.

RECEIVED  
DEC 23 1941  
AS ABOVE

Alhambra, Cal.  
Dec 19th 1941

Division of Oil and Gas,  
629 So. Hill St.,  
Los Angeles, Cal.

Gentlemen:

Attention Mr. C. L. Barton,

An enclosing form 101 filled out with records of Newhall-Potrero Oil well Ferguson No. 1 as per your request and have mailed form 103 to Mr. Percy Blodgett asking him to kindly fill that out and mail immediately to you. He has the records of this in his file. Will phone you in a few days to see if this has been done.

Yours very truly,

*M J Bentley*  
1765 So. 4th St.,

629 South Hill Street,  
Los Angeles, California.  
October 3, 1941.

Macco Construction Company,  
815 Paramount Blvd.,  
Clearwater, California.

Gentlemen:

I have your letter of October 3d requesting permission to remove the derrick, racks, etc., from well No. "Ferguson" 1 of Newhall-Potrero Oil Company Sec. 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall field.

This division has no objection to your removal of this derrick. It is of course, understood that we do not pass upon your legal right to do this.

Yours truly,



Deputy Supervisor

cc- Newhall-Potrero Oil Co.

EHM:G

10/15/11  
Tried to find a good place to set up  
the trap line.

Talked with Jim Lambert  
at Rainbow. We are about  
1/2 way up this hill and are  
1200 ft above the baseball  
field. Will set trap  
zone at 3500 ft.

Abandon for plug 340-300  
Note below for 3000 ft  
3000 ft

# MACCO CONSTRUCTION COMPANY

GENERAL CONTRACTORS

815 PARAMOUNT BLVD.

CLEARWATER, CALIFORNIA

PHONES { NEVADA 6-1261  
METCALF 3-1121  
LONG BEACH 212-43

October 3, 1941.

RECEIVED

California State Division of Oil & Gas,  
629 South Hill Street,  
Los Angeles, California.

Attention: Mr. Ed Musser

Gentlemen:

We wish to obtain your permission to remove the derrick, racks, etc., from Well #1 of the Newhall-Potrero Oil Company. This well is located on the Rancho San Francisco, as recorded in Book 1, Pages 521 and 522 of Patents, records of Los Angeles County, State of California, more particularly described as follows:

"Commencing at corner No. 11 at Pico Project #1, as recorded in Book 1022 of Deeds, Page 217, records of Los Angeles County; thence north  $17^{\circ} 9'$  east 1,343.9 feet; thence south  $54^{\circ} 13'$  east 1,507.35 feet; thence south  $35^{\circ} 47'$  west 916.11 feet; thence north  $72^{\circ} 24'$  west 1145.14 feet to point of beginning."

We would appreciate your decision in this matter at your very earliest convenience.

We thank you for your co-operation.

Yours very truly,

MACCO CONSTRUCTION COMPANY,

By Edw. A. Pellegrin  
Edw. A. Pellegrin

EAP/N

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF OIL AND GAS**

**Report on Proposed Operations**

No. P 1-41027

Los Angeles 14, Calif. August 14, 1945

Mr. R. H. Foss

Los Angeles 15, Calif.

Agent for BARNSDALL OIL COMPANY

Newhall Corporation-

DEAR SIR:

Your proposal to deepen Well No. Wolfson # 1, Section 26, T. 4 N., R. 17 W., S. B. B. & M., Newhall-Potrero Field, Los Angeles County, dated Aug. 3, 1945, received Aug. 6, 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:

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.
- 13-3/8" C. 315'
- 11" hole to 7650'
- 10-5/8" hole " 8379'
- 9-7/8" " " 8472'
- 9-3/4" " " 8490'
- Total depth 8490'

Operations suspended March 25, 1941."

PROPOSAL:

"The proposed work is as follows:

1. Clean out hole to 8490'.
2. Cement 8-5/8" 36# J-55 & N-80 casing at 8490'.
3. Drill 7-5/8" hole ahead.
4. Cement 5-1/2" 20# N-80 blank liner as determined from electric log and cores."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED TO WITNESS

1. A test after cleaning out below the top of the liner to demonstrate that no fluid has access to the well between the 8-5/8" and 5-1/2" casings.
2. A test of the effectiveness of the 5-1/2" shut-off through perforations over the zone to be produced.

CLE:OH

cc- F. A. W.  
Company

Records Filed	
100	.....
101	.....
102	.....
E. Log	.....

R. D. BUSH  
State Oil and Gas Supervisor

By E. H. Messer Deputy

Blanket bond dated August 25, 1941

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

AUG 6 1945

**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

Mr. E. H. Musser  
DIVISION OF OIL AND GAS

Los Angeles, Calif. August 3 19 45

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. "Newhall Corporation-Wolfson" 1, (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. Complete casing record.

13-3/8" C. 315'  
11" hole to 7650'  
10-5/8" hole " 8379'  
9-7/8" " " 8472'  
9-3/4" " " 8490'  
Total depth 8490'  
Operations suspended March 25, 1941.

2. Last produced \_\_\_\_\_ (Date) \_\_\_\_\_ (Net Oil) \_\_\_\_\_ (Gravity) \_\_\_\_\_ (Cut)

The proposed work is as follows:

1. Clean out hole to 8490'.
2. Cement 8-5/8" 36# J-55 & N-80 casing at 8490'.
3. Drill 7-5/8" hole ahead.
4. Cement 5 1/2" 20# N-80 blank liner as determined from electric log and cores.

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
			Blanket dated Aug. 25, 1941		

BARNSDALL OIL COMPANY

By R. E. Fos (Name of Operator) AGENT



JAN 7 - 1942

LOS ANGELES, CALIFORNIA

DIVISION OF OIL AND GAS

Subsequent Work Report

OPERATOR Newhall-Potrero Oil Co. FIELD Newhall-Potrero Area

Well No. Ferguson No. 1, Sec. 26, T. 4N, R. 17 W, S. B B. & M.

In compliance with the provisions of Chapter 93, Statutes 1939, the information given herewith is a complete and correct record of all work done on the well since the previous record, dated 7/4-1940

\_\_\_\_\_, was filed. SIGNED Newhall-Potrero Oil Co.

Date Jan 5th 1942 Title V. Pres M. J. Senty  
(President, Secretary or Agent)

Outline in the order of performance, together with the dates thereof, all important operations which alter the condition of the well. Include such information as depth at which re-drilling operations were started, size of hole re-drilled or deepened; size of pipe, amount of perforations in casing, weight and length of casing landed or cemented or removed; number of sacks of cement used in cementing or plugging operations and exact position thereof. 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

March 10, 1941.

Started Operations by running 11" bit on 4" drill pipe, started running at 7630' started running 10 5/8" bit at 8111'

Run core barrel at 8295'-8304' full recovery - will stone little sand no cut small pebbles at bottom.

Run 10" reamer 7901'-8330'

Started running 8 7/8" bit at 8330'

Sea shells at 8450' in siltstone very hard. Basket core.

Run basket at 8460' core showed siltstone with thin lenses of sand

Run Basket at 8470' core showed siltstone with fish scales, fracture plane 60 degrees Bedding plane of sand appeared to be about fifty degrees very hard to determine accurately.

Run 8 7/8" bit to bottom at 8490' very hard siltstone.

Hole open to bottom and in good condition.

March 26, 1941.

Shut down, Removed drilling Equipment.

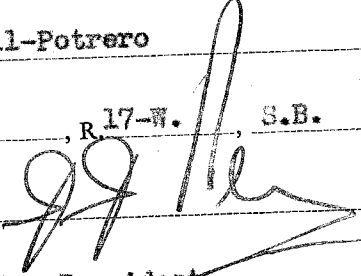
DEPARTMENT OF OIL & GAS  
RECEIVED  
FEB 11 1942  
LOS ANGELES, CALIFORNIA

# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Newhall-Potrero Oil Company FIELD Newhall-Potrero

Well No. Ferguson 1, Sec. 26, T 4 N., R. 17-W., S.B. B. & M.

Signed 

Date February 9, 1942. Title Vice-President.  
(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  
1940  
7-4  
7-5  
7-6  
8-29  
9-6

Spudded in. Drilled 17 1/2" hole to 320'.  
Depth 330'. Cemented 13-3/8" 56-16 grade D seamless casing at 320'.  
Drilled ahead with 11" bit.  
Depth 7740'. Reduced size of hole to 9-5/8". Started coring ahead  
Depth 8000'. Suspended operations.

1941  
2-14  
3-11  
3-14  
  
3-25

Started rigging up to deepen.  
Started cleaning out. Cleaned out to 404' with 11" bit.  
Cleaned out to 7740' and started reaming with 11" bit. Reamed 11" hole to 7837'.  
Cleaned out and reamed with 10-5/8" bit 7837 - 8000'. Started drilling 10-5/9" hole ahead. Drilled and cored to 8490'.  
Depth 8490'. Suspended operations.

**DIVISION OF OIL AND GAS**

RECORDED  
 INDEXED  
 FEB 23 1941  
 STATE DEPARTMENT OF NATURAL RESOURCES

**LOG AND CORE RECORD OF OIL OR GAS WELL**

Operator Newhall-Potrero Oil Company Field Newhall-Potrero Area

Well No. Ferguson No. 1 Sec. 26, T. 4N, R. 17W, S.B. B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0	305	305	Drilled		Sand and Shale
305	330	25	" "		Sand
330	930	600	" "		Sand and Shale
930	1215	285	" "		Hard Sand
1215	1437	222	" "		Sand and Shale
1437	1500	63	" "		Sand
1500	1655	165	" "		Sandy Shale
1655	2135	480	" "		Shale
2135	2405	270	" "		Sand and Shale
2405	2965	560	" "		Shale
2965	3300	335	" "		Shale and Shells
3300	3605	305	" "		Hard sandy shale
3605	4060	455	" "		Sandy Shale
4060	4275	215	" "		Shale and Shells
4275	4398	123	" "		Hard sand
4398	4740	342	" "		Shale and shells
4740	4952	212	" "		Shale and sand
4952	5045	93	" "		Shale
5045	5175	130	" "		Sand and shale
5175	5480	305	" "		Shale
5480	5565	85	" "		Hard sand and shale
5565	5690	125	" "		Shale
5690	5860	170	" "		Sand and shale
5860	6005	145	" "		Sandy shale
6005	6380	375	" "		Sand and shale
6380	6449	69	" "		Hard sand
6449	6520	71	" "		Sandy shale
6520	6567	47	" "		Hard sandy shale
6567	6651	84	" "		Sandy shale
6651	6716	155	" "		Shale
6716	6722	6	Cored	6'	Dark gray massive argillaceous siltstone with occasional thin irregular beds of silt. Dip 47°
6722	6818	96	Drilled	Hard sand	8" bed of gray hard fine-grained sandstone at 6718'. Occasional borings filled with gray sand and silt tubes parallel to bedding.
6818	6927	109	" "		Shale
6927	7090	163	" "		Sandy shale
7090	7100	10	Cored	8'	Dark grey argillaceous siltstone and generally massive fine friable sandstone, with irregular sandy streaks. Dip 45°
7100	7110	10	Cored	5'	Similar to above with two 2" seams argillaceous grey friable sandstone.

STATE OF CALIFORNIA  
 DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Newhall-Petrero Oil Co., Field Newhall-Petrero Area  
 Well No. Ferguson No. 1 Sec. 26, T. 4N, R. 17E, S.B.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
7110	7408	398	Drilled		Sandy shale Gray laminated fine friable sand, with two 6" streaks of dark gray argillaceous siltstone. At 7413' is an 8" seam of sand which had a faint gassy odor, faint straw-color stain, and gave a straw-color cut with ether. Minor shearing parallel to bedding. Dip 47°.
7408	7418	10	Cored	5 1/2'	
7418	7427	9	Cored	5'	Gray massive friable coarse sand and laminated fine gray sand with two 2" seams of dark gray argillaceous friable siltstone.
7427	7461	34	Drilled		Shale
7461	7585	124	" "		Sand and shale
7585	7654	69	" "		Sand and shale
7654	7659	5	Cored	2'	Gray friable poorly sorted massive sandstone.
7659	7750	91	Drilled		Shale
7750	7754	4	Cored	3'	Dark gray very sandy massive shale with irregular streaks variable in texture. Dip 45°.
7754	7760	6	Cored	6'	Dark brownish gray compact siltstone. Fair cleavage parallel to bedding. Dip 45°.
7760	7765	5	Cored	5'	Dark grayish-brown argillaceous siltstone. Light oil cut in ether.
7765	7775	10	Cored	8'	Top 3' light gray compact fine silty sandstone. Remainder of core siltstone as above with light oil cut present. Dip 45°.
7775	7785	10	Cored	8 1/2'	Light gray compact fine to medium grained silty sandstone containing scattered calcareous nodules.
7785	7795	10	Cored	7'	Top 5' coarse-to-fine unsorted compact-to friable light gray sand. Next 1' siltstone. Next 1' grayish brown siltstone. Remainder of core sand as above.
7795	7802	7	Cored	6'	Top 4' sand as above with occasional calcareous nodules. Next 1' siltstone. Next 6' sand as above.

# DIVISION OF OIL AND GAS

## LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Newhall-Potrero Oil Company Field Newhall-Potrero Area  
 Well No. Ferguson No. 1 Sec. 26, T. 4N, R. 17W, S. B B. & M.

### FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
7802	7815	13	Cored	4½'	Top 6" gray calcareous fine sandstone with shearings at 60° Strike at 60° 1' firm fine gray sand. 3' dark grayish brown siltstone giving light cut of oil.
7815	7824	9	Cored	6'	Firm gray fine grained sand with carbonaceous inclusions and a 5" seam of dark grayish-brown siltstone in center of core. Dip 55°
7824	7830	6	Cored	3'	6" siltstone. 1½" compact fine gray sandstone. 1' siltstone as above Dip 50°
7830	7840	10	Cored	6'	Hard dark grayish brown sandy siltstone. Dip 50°
7840	7845	5	Cored	5'	1' fine gray hard sandstone. 2½" hard siltstone as above. 6" hard gray fine sandstone. 1' siltstone as above mottled with fine gray sand
7845	7855	10	Cored	4'	Siltstone as above
7855	7865	10	Cored	4½'	Compact gray sandstone.
7865	7875	10	Cored	5'	Compact sandy grayish brown siltstone
7875	7882	7	Cored	3'	Material as above mottled with lenses of grayish sand and sand filled borings.
7882	7889	7	Cored	8'	Dary grayish brown siltstone Dip 50°
7889	7899	10	Cored	8'	Dark grayish brown siltstone Dip 58°
7899	7910	11	Cored	11'	Very dark gray massive siltstone. Irregular conchoidal fractures, rather brittle, occasional carbonized reeds present.
7910	7913	3	Cored	2½'	Very hard massive sandy gray siltstone mottled with sand. Occasional ½" white silt tubes present.
7913	7918	5	Cored	5'	Dark gray massive siltstone showing spalling. Occasional fish scales and bones.
7918	7928	10	Cored	10'	Similar to above.
7928	7938	10	Cored	10'	Dark gray compact siltstone Dip 50-65° Several shear planes at 45°
7938	7963	25	Drilled		Sandy shale.
7963	7968	10	Cored	5'	3' sandy brownish gray compact siltstone with irregular light gray silt laminae. 2' compact gray silty medium grained sand with dark gray irregular silty laminated. 1' siltstone as above.

STATE OF CALIFORNIA  
 DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

**LOG AND CORE RECORD OF OIL OR GAS WELL**

Operator Newhall-Potrero Oil Co., Field Newhall-Potrero Area  
 Well No. Ferguson No. 1 Sec. 26, T. 4N, R. 17W, S. B B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
7968	7973	5	Bored	5	1' siltstone as above. 1' gray firm medium grained sand, several 1" mud pection.
7973	7983	10	Cored	5	Siltstone, more dense than above.
7983	7993	10	Cored	6'	1 1/2' gray medium grained sandstone shells; 4 1/2' firm to friable medium to coarse poorly sorted gray sand with one 4" streak of gray sandy laminated siltstone. 1 1/8' from bottom of core. Dip 45°
7993	8000	7	Cored	3'	Medium gray sand with two 1" streaks of dark gray argillaceous friable siltstone.
8000	8114	114	Drilled		Sandy shale
8114	8170	56	" "		Hard sand
8170	8222	54	" "		Hard shale and sand
8224	8300	76	" "		Shale and streaks of sand,
8300	8334	34	" "		Hard shale and sand
8334	8356	22	" "		Hard sand
8356	8412	56	" "		Same as above.
8412	8454	55	" "		Hard sand
8467	8470	7	" "		Hard sand and shale
8474	8490	16	" "		Shale hard.

FILL THIS FORM 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**  
NOV 10 1941  
LOS ANGELES, CALIFORNIA

**LOG OF OIL OR GAS WELL**

Operator Newhall-Potrero Oil Co. Field Newhall-Potrero  
Well No. Ferguson No. 1 Sec. 26, T. 4N, R. 17W, S. B B. & M.  
Location See Application Elevation of denrick/1000 ground above sea level 1262 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 5th 1941

Signed [Signature]

Percy Blodgett  
(Engineer or Geologist)

(Superintendent)

Title V. Pres  
(President, Secretary or Agent)

Commenced drilling July 4th 1940 Completed drilling March 25th 1941 Drilling tools Cable Rotary

Total depth	Plugged depth	GEOLOGICAL MARKERS		DEPTH
		<u>Miocene</u>		<u>7865</u>
Junk				

Commenced producing \_\_\_\_\_ (date) Flowing/gas lift/pumping (cross out unnecessary words)

Initial production  
Production after 30 days

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure

**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
<u>13 3/8"</u>	<u>320'</u>	<u>Cellar</u>	<u>56#</u>	<u>New</u>	<u>Seamless</u>	<u>D</u>	<u>17"</u>	<u>300</u>	

**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.				

Electrical Log Depths First 6800' 2nd 8000' (Attach Copy of Log)

NOV 10 1941

LOS ANGELES, CALIFORNIA  
September 17th 1940

LOS ANGELES, CALIFORNIA

FROM	TO	REC.	FORMATION.
6716	6722	6'	Dark gray massive argillaceous siltstone with occasional thin irregular beds of silt. Dip 47° 8" bed of gray hard fine-grained sandstone at 6718'. Occasional borings filled with gray sand and silt tubes parallel to bedding.
7090	7100	8'	Dark gray argillaceous siltstone and generally massive fine friable sandstone, with irregular sandy streaks. Dip 45°.
7100	7110	5'	Similar to above with two 2" seams argillaceous grey friable sand.
7408	7418	5½'	Gray laminated fine friable sand, with two 6" streaks of dark gray argillaceous siltstone. At 7413' is an 8" seam of sand which had a faint gassy odor, faint straw-colored stain, and gave a straw-colored cut with ether. Minor shearing parallel to bedding. Dip 47°.
7418	7427	5'	Gray massive friable coarse sand and laminated fine gray sand with two 2" seams of dark gray argillaceous friable siltstone.
7654	7659	2'	Gray friable poorly sorted massive sandstone.
7750	7754	3'	Dark gray very sandy massive shale with irregular streaks variable in texture. Dip 45°.
7754	7760	6'	Dark brownish gray compact siltstone. Fair cleavage parallel to bedding. Dip 45°.
7760	7765	5'	Dark grayish-brown argillaceous siltstone. Light oil cut in ether.
7765	7775	8'	Top 3' light gray compact fine silty sandstone. Remainder of core siltstone as above with light oil cut present. Dip 45°.
7775	7785	8½'	Light gray compact fine to medium-grained silty sandstone containing scattered calcareous nodules.
7785	7795	7'	Top 5' coarse-to-fine unsorted compact-to-friable light gray sand. Next 1' siltstone. Next 1' grayish brown siltstone. Remainder of core sand as above.



FROM	TO	REC.	DESCRIPTION
7795	7802	6'	Top 4' sand as above with occasional calcareous nodules. Next 1' siltstone. Next 6' sand as above.
7802	7815	4½'	Top 6" gray calcareous fine sandstone with shearing at 60°. Striae at 60°. 1' firm fine gray sand. 3' dark grayish brown siltstone giving light cut of oil.
7815	7824	6'	Firm gray fine grained sand with carbonaceous inclusions and a 5" seam of dark grayish-brown siltstone in center of core. Dip 55°.
7824	7829	3'	6" siltstone. 1½' compact fine gray sandstone. 1' siltstone as above. Dip 50°.
7832	7840	6'	Hard dark grayish brown sandy siltstone. Dip 50°.
7840	7845	5'	1' fine gray hard sandstone. 2½' hard siltstone as above. 6" hard gray fine sandstone. 1' siltstone as above mottled with fine gray sand.
7845	7855	4'	Siltstone as above.
7855	7865	4½'	Compact gray sandstone.
7865	7875	5'	Compact sandy grayish brown siltstone.
7875	7882	3'	Material as above mottled with lenses of gray sand and sand filled borings.
7882	7889	8'	Dark grayish brown siltstone. Dip 58°.
7889	7899	5'	Dark brown hard siltstone with a whale bone fragment in top 3"
7899	7910	11'	Very dark gray massive siltstone. Irregular conchoidal fracture, rather brittle, occasional carbonized reeds present.
7910	7913	2½'	Very hard massive sandy gray siltstone mottled with sand. Occasional ¼" white silt tubes present.
7913	7918	6'	Dark gray massive siltstone showing spalling. Occasional fish scales and bones.
7918	7928	10'	Similar to above.

FROM	TO	REG.	FORMATION
7928	7938	10'	Dark gray compact siltstone. Dip 50°- 65°. Several shear planes at 45°.
7963	7968	6'	3' sandy brownish gray compact siltstone with irregular light gray silt laminae. 2' compact gray silty medium grained sand with dark gray irregular silty laminae. 1' siltstone as above. Dip 45°- 55°.
7968	7973	2'	1' siltstone as above. 1' gray firm medium grained sand. Several 1" mud Pecten.
7973	7983	5'	Siltstone, more dense than above.
7983	7993	6'	1½' gray medium grained sandstone shell. 4½' firm to friable medium to coarse poorly sorted gray sand with one 4" streak of gray sandy laminated siltstone. 1½' from bottom of core. Dip 45°.
7993	8000	3'	Gray medium grained sand with two 1" streaks of dark gray argillaceous friable siltstone.

Drilling was terminated at 8000 feet, which is the contract depth. Ditch material was examined continuously below 4200'. The top of the Miocene was penetrated at 7865 feet, making this well about 1800 feet structurally lower than the highest occurrence of Miocene within the present productive area of the Potrero Field. The angle of dip averages 46° as measured in the cores between 6715' and 7754'. The dip increases to 50° toward the bottom of the well. It is evident that the well penetrated a normal stratigraphic section in the north flank of the structure on which the Potrero oil field is located. No significant showing of oil were found.

RECEIVED  
JUL 31 1940  
U.S. GEOLOGICAL SURVEY

*Memo*

LOG OF NEWHALL-POTRERO FERGUSON NO. 1

7/4/40	0 to 305	Sand and Shale
7/5/40	305 to 330	Sand
7/6/40	330 to 580	Sand and Shale
7/7/40	580 to 930	Sand and Shale
7/8/40	930 to 1215	Hard sand
7/9/40	1215 to 1437	Sand and Shale
7/10/40	1437 to 1500	Sand
7/11/40	1500 to 1655	Sandy Shale
7/12/40	1655 to 1875	Shale
7/13/40	1875 to 2135	Shale
7/14/50	2135 to 2405	Sand and Shale
7/15/40	2405 to 2685	Shale
7/16/40	2685 to 2965	Shale
7/17/40	2965 to 3300	Shale and Shells
7/18/40	3300 to 3605	Hard, sandy shale
7/19/40	3605 to 3869	Sandy shale
7/20/40	3869 to 4060	Sandy shale
7/21/40	4060 to 4275	Shale and shells
7/22/40	4275 to 4398	Hard sand
7/23/40	4398 to 4557	Shale and shells
7/24/40	4557 to 4740	Shale and shells
7/25/40	4740 to 4952	Shale and sand
7/26/40	4952 to 5045	Shale
7/37/40	5045 to 5175	Sand and Shale
7/28/40	5175 to 5255	Shale
7/29/40	5255 to 5370	Shale
7/30/40	5370 to 5480	Shale
7/31/40	5480 to 5565	Hard sand and shale

8/1/40	5565 to 5690	Shale
8/2/40	5690 to 5860	Sand and shale
8/3/40	5860 to 6005	Sandy shale
8/4/40	6005 to 6052	Sand and shale
8/5/40	6052 to 6122	Sand and shale
8/6/40	6122 to 6160	Sand and shale
8/7/40	6160 to 6219	Sand and shale
8/8/40	6219 to 6297	Sand and shale
8/9/40	6297 to 6380	Shale and shells
8/10/40	6380 to 6449	Hard sand
8/11/40	6449 to 6520	Sandy shale
8/12/40	6520 to 6567	Hard, sandy shale
8/13/40	6567 to 6651	Sandy shale
8/14/40	6651 to 6722	Shale
8/15/40	6722 to 6818	Hard sand
8/16/40,	6818 to 6927	Shale
8/17/40	6927 to 7004	Sandy shale
8/18/40	7004 to 7017	Shale
8/19/40	7017 to 7090	Shale
8/20/40	7090 to 7132	Sandy shale
8/21/40	7032 to 7186	Shale and sand
8/22/40	7186 to 7256	Sandy shale
8/23/40	7256 to 7323	Sandy shale
8/24/40	7323 to 7418	Shale
8/25/40	7418 to 7461	Shale
8/26/40	7461 to 7585	Sand and shale
8/27/40	7585 to 7646	Sand and shale
8/28/40	7646 to 7672	Sandy shale
8/29/40	7672 to 7740	Sand
8/30/40	7740 to 7759	Shale
8/31/40	7759 to 7802	Sandy shale

9/1/40	7802 to 7845	Sandy shale
9/2/40	7845 to 7882	Sandy shale
9/3/40	7882 to 7913	Sandy shale
9/4/40	7913 to 7948	Sandy shale
9/5/40	7948 to 7968	Hard sand
9/6/40	7968 to 8000	Hard sand
3/16/41	8000 to 8114	Sandy shale
3/17/41	8114 to 8170	Hard sand
3/18/41	8170 to 8224	Hard shale and sand
3/19/41	8224 to 8300	Shale and streaks of sand.
3/20/41	8300 to 8334	Hard shale streaked with sand
3/21/41	8334 to 8356	Hard sand
3/22/41	8356 to 8412	Hard sand
3/23/41	8412 to 8467	Hard sand
3/24/41	8467 to 8474	Hard sand and shale
3/25/41	8474 to 8490,	Hard shale

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P.1-35291

Los Angeles, Calif. June 12, 1940.

Mr. M. J. Gentry,

Los Angeles, Calif.

Vice-Pres. ~~agent for~~ NEWHALL-POTRERO OIL COMPANY

121

DEAR SIR:

Your proposal to drill Well No. "FERGUSON" 1, Section 26, T. 4N, R. 17W, S.E. B. & M., Newhall Field, Los Angeles County, dated June 7, 1940, received June 12, 1940, 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 2515 feet N and 750 feet W. from S.E. Cor. Sec. 26, T4N, R17W. The elevation of the derrick floor above sea level is 1250 feet. We estimate that the first productive oil or gas sand should be encountered at a depth of about 7200 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	48	G	300	Cemented
7	28	D	X	

X--Depths to be determined by coring or electric logging.

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 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 TO WITNESS a test of the effectiveness of the 7" shut-off.

cc: Company

Wilson, 1940-2221

13 3/8" cem 320'  
T.D. 2520' acc. to Scout Rept.  
T.D. 8400' acc. to ...

CLB:SS

R. D. BUSH

State Oil and Gas Supervisor

Macca Const. Co. as Derrick  
Pellegriin No. 6/261

By *E. J. ...* Deputy

DIVISION OF OIL & GAS  
 RECEIVED  
 JUN 11 1940  
 LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA  
 DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

9

037-12613

**Notice of Intention to Drill New Well**  
 This notice must be given and surety bond filed before drilling begins

Los Angeles Calif. June 7th 1940

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. "Ferguson" No. 1, Sec. 26, T. 4 N., R. 17 W., S.B. B. & M., Newhall Field, Los Angeles County. Lease consists of 31 acres

The well is 2515 feet ~~N. 1/4~~, and 750 feet ~~E. 1/4~~ W. from S. E. Cor. Sec. 26, T4N, R17W.  
 (Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 1250 feet. (1000 ft. below ground)

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	C	300	Cemented
7	28	D	X	

X---Depths to be determined by coring or electric logging.

Well is to be drilled with rotary tools.  
~~cable~~

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 838 Citiz. Nat. Bank Bldg.  
 L.A.

Newhall-Potrero Oil Company  
 (Name of Operator)

Telephone number Michigan 0405

By X M.J. Gentry  
 M.J. Gentry, V. Pres.

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

18			
5NR			

Book  
 6-12-40  
 5NR