

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Ventura, California

November 12, 1991

R. D. Phillips, Agent  
SOUTHERN CALIFORNIA GAS COMPANY  
P.O. Drawer 3249 Mail location 22GO  
Los Angeles, CA 90051

Your request, dated July 24, 1991, proposing to change the designation of well(s) in Sec. 33, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon field, Los Angeles County, District No. 2, has been received.

The proposed change in designation, in accordance with Section 3203, Public Resources Code, is authorized as follows:

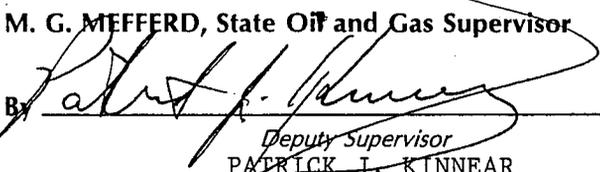
FROM

TO

"SFZU" SF-1 (037-00647)  
"SFZU" SF-2 (037-00648)  
"SFZU" SF-3 (037-00649)  
"SFZU" SF-5 (037-00651)  
"SFZU" SF-7 (037-00653)  
"SFZU" SF-8 (037-00654)

"Sesnon Fee" 1 (037-00647)  
"Sesnon Fee" 2 (037-00648)  
"Sesnon Fee" 3 (037-00649)  
"Sesnon Fee" 5 (037-00651)  
"Sesnon Fee" 7 (037-00653)  
"Sesnon Fee" 8 (037-00654)

M. G. MEFFERD, State Oil and Gas Supervisor

By   
Deputy Supervisor  
PATRICK J. KINNEAR

OPERATOR SOUTHERN CALIF GAS  
 LSE & NO SFZU SF-8  
 MAP \_\_\_\_\_

	(1)	(2)	(3)	(4)	(5)	(6)
INTENTION	DRILL	PLUG & ALTER CSG	ALTER CSG	ALTER CSG	PLUG & ALTER CSG	ALTER CSG
NOTICE DATED	11-30-54	10-31-57	7-27-58	12-7-60	9-4-69	11-11-75
P-REPORT NUMBER	156-1697	157-1315	158-590	160-932	169-1004	276-13
CHECKED BY/DATE						
MAP LETTER DATED		N/C	N/C	N/C	N/C	N/C
SYMBOL						

	REC'D NEED		REC'D NEED		REC'D NEED		REC'D NEED		REC'D NEED		REC'D NEED	
NOTICE	12-5-56		11-1-57		7-30-58		12-8-60		9-4-69		1-9-76	
HISTORY	4-9-57		11-18-57				1-3-61		12-5-69		2-23-76	
SUMMARY	4-9-57											
IES/ELECTRIC LOG												
DIRECTIONAL SURV	4-9-57											
CORE/SWS DESCRIPT	4-9-57											
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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DIVISION OF OIL AND GAS  
RECEIVED

FEB 23 1976

## DIVISION OF OIL AND GAS

## History of Oil or Gas Well

SANTA PAULA, CALIFORNIA

OPERATOR Southern California Gas Company FIELD Aliso CanyonWell No. "SFZU" Sesnon Fee #8, Sec. 33, T. 3N, R. 16W, S.B. B. & M.Date February 3, 1976Signed P. B. MaguireBox 3249, Terminal AnnexLos Angeles, CA 90051 (213) 689-3561Title General Supt. - Undgrd. Stor.

(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

12-29-75

Moved in and rigged up CPS Rig M-20, pump and shaker tank. Zero pressure on tubing. 1380 psi on casing bled casing down to 300 psi. Closed well in and shut job down at 10:00 P.M.

12-30-75

Casing pressure 960 psi. Bled down to 300 psi through Getty flow line - 300 psi to zero to Baker tank. Pumped lease salt water down casing. Obtained returns through tubing after pumping 400 BBLs. Ran in hole with 2" overshot on 1" rods. Found fish at 320'. Unable to pull free. Released from fish and laid down fishing rods. Shut job down at 8:00 P.M.

12-31-75

Using Archer Reed, set 3-1/2" tubing plugs at 64'. Removed xmas tree and installed BOPE. Tested with clear water as follows: Blind rams 2400 psi, pipe rams 2600 psi. Hydril 2000 psi - 20 min. O.K. Blind and pipe ram test witnessed by Peter Wygle, D.O.G. Using nitrogen, tested pipe rams 2800 psi, blind rams 2300 psi. Each test 20 min. O.K. D.O.G. declined to witness. Shut job down at 9:00 P.M.

1-1-76

Rig and crew idle.

1-2-76

Started out of hole with tubing and rods. Laid down 68 - 1" rods, 69 - 7/8" rods and 141 - 3/4" rods. Laid down 160 joints of 3-1/2" EU 8rd tubing shut job down at 10:00 P.M.

1-3-76

Laid down 40 joints of 3-1/2" tubing for a total of 200 jts. Finished pulling out of hole. (2-7/8" Tbg. 8rd) changed BOPE pipe rams to 2-7/8". Using rig pump tested pipe rams to 2700 psi. O.K. Made up junk mill, junk sub, 2-4-3/4" drill collars. Ran in hole on 2-7/8" Tbg. to 4275'. Shut job down at 10:00 P.M.

1-4-76

Rig and crew idle.

1-5-76

Continued running in hole. Tagged fill at 9124'. Cleaned out to 9140'. Milled out bridge plug at 9140'. Tagged fill at 9342'. Cleaned out to 9393'. Circulated 2-1/2 hours. Started out of hole. Shut job down at 10:00 P.M.

1-6-76

Finished pulling out of hole. Using Dresser Atlas ran cement bond log. Recorded from 9368' to 7250'. Ran Nuetron Lifetime log and recorded from 9386' to 8000' shut job down at 12:00 Midnight.

- 1-7-76 Using Dresser Atlas, shot four 1/2" holes at 9384'. Ran in hole with 7" Baker Model K cement retainer on 2-7/8" tubing. Set retainer at 9339'. Tested tubing with Halliburton pump truck under 4000 psi. O.K. Attempted to obtain break down through holes at 9384'. Obtained communication above retainer. Mixed 50 sacks. (57.5 Ft<sup>3</sup>) Class G cement started mixing at 3:55 P.M. Cement in place at 4:20 P.M. Pulled up 120' and backscuttled. Estimate 8Ft<sup>3</sup> cement in returns. Maximum squeeze pressure 2500 psi. Shut job down at 9:00 P.M.
- 1-8-76 Pulled out of hole with cement retainer setting tool. Made up 6" bit, junk sub and 2 - 4-3/4" drill collars on 2-7/8" Tbg. Found top of cement at 9217'. Drilled out of cement at 9300'. Circulated 2-1/2 hrs. Started out of hole. Shut job down at 9:30 P.M.
- 1-9-76 Finished pulling out of hole. Using Dresser Atlas 4" Golden Jet gun. Jet perforated 2 holes per foot from 9270 - 9290'. Ran in hole with 7" Baker Model "K" cement retainer on 2-7/8" Tbg. Set retainer at 9230'. Using Halliburton pump truck, obtained breakdown under 3000 psi, 9Ft<sup>3</sup>/Min. rate. Mixed 100 Ft<sup>3</sup>, 118#Ft<sup>3</sup> (87 sacks) Class G cement slurry. Squeezed through holes 9270' - 9290'. Started mixing at 2:50 P.M. Cement in place at 3:10 P.M. Reached maximum pressure, 4000 psi. (400 psi back up on annulus) Pulled out of retainer, back scuttled 51Ft<sup>3</sup> cement out of tubing. Total displacement 240Ft<sup>3</sup>. Pulled out of hole. Made up Baker 7" 29# full bore cementer on 2-7/8" tubing and started in hole, shut job down at 10:00 P.M.
- 1-10-76 Finished running in hole with full bore. Set at 9025' using Halliburton, obtained break down under 3300 psi. 12Ft<sup>3</sup>/Min. rate. Applied 400 psi back up in Annulus. Mixed 127 sacks, 146Ft<sup>3</sup>, 118#Ft<sup>3</sup> Class G cement slurry squeezed through perfs. at 9097' - 9110', 9162' - 9175', 9187 - 9197'. Started mixing at 9:15 A.M. Cement in place at 9:37 A.M. Reached maximum pressure 4000 psi. Unable to clear tool. Bled back 4Ft<sup>3</sup> Back scuttled 65Ft<sup>3</sup> cement out of tubing. Total displacement 233Ft<sup>3</sup>. Pulled out of hole. Made up 6" bit and 7" casing scraper on drill collars. Started in hole on 2-7/8" Tbg. Shut down at 6:00 P.M.
- 1-11-76 Rig and crew idle.
- 1-12-76 Finished running in with bit and scraper. Found top of cement at 9018'. Drilled out of cement at 9190'. Cleaned out to 9220'. Pulled out of hole. Using Dresser Atlas ran cement bond log. Recorded from 9208' - 8400'. Shut job down at 11:00 P.M.
- 1-13-76 Using Dresser Atlas, jet perforated 2 holes per foot 9185' - 9198' with 4" Golden jet gun. Ran in hole with Johnston formation tested on 2-7/8" Tbg. Set packer at 9139' tail at 9155'. Opened tool at 2:57 P.M. Shut in for initial shut in at 3:23 P.M. Re-opened for final flow at 4:00 P.M. Gas surfaced at 4:05 P.M. Closed for final shut in at 5:12 P.M. Pulled packer loose at 6:23 P.M. Dropped bar and back scuttled at 6:35 P.M. Fluid rise 5276' @ 5:25 P.M. (Depthograph) Est. 99% water 1% oil. Shut job down at 10:00 P.M. Chart readings: (out of hole 1-14)

Depth 9151'  
 Initial Hydrostatic 5462 (psi)  
 Int. Flow 777 ("  
 Int. Shut in 1552 ("  
 )

1-13-76

(Continued)

2nd Flow 1566 (")  
 Final Flow 2293 (")  
 Final Shut In 2499 (")  
 Final Hydrostatic 5420 (")

1-14-76

Pulled tester out of hole. Ran in with 6" bit and 7" casing scraper. Found 2 ft. of fill. Cleaned out to 9220'. Pulled bit and scraper out of hole. Ran in hole with 7" - 29# full bore. Set F.B. at 9029' using HOWCO, obtained break down under 3500 psi, 14FT<sup>3</sup>/Min rate. Mixed 100 sacks, 115FT<sup>3</sup> - 118#FT<sup>3</sup> Class G cement slurry. Squeezed through shot holes 9185' - 9198'. Started mixing at 7:40 P.M. Reached maximum pressure, 5000 psi at 8:00 P.M. Unable to clear tool. Bled back 5FT<sup>3</sup>. Back scuttled 55FT<sup>3</sup> cement. Cement in place at 8:00 P.M. Total displacement 243 FT<sup>3</sup>. Released F.B. and started out of hole.

1-15-76

Finished pulling out of hole with full bore. Ran in with 6" bit and 7" scraper. Found top of cement at 9022'. Drilled out of cement at 9199'. Cleaned out to 9220'. Shut job down at 9:30 P.M.

1-16-76

Pulled out of hole with bit and scraper. Using Dresser Atlas 4" Golden Jet Gun, jet perforated 2 holes per foot 9160' - 9170'. Made up Johnston formation tester and ran in on 2-7/8" Tbg to 9133'. Shut job down at 8:00 P.M.

1-17-76

Set packer at 9110' Tail at 9126'. Opened tool at 7:06 A.M. Closed for initial shut in at 7:23 A.M. Surface pressure 35 psi at 8:00 A.M. Open for final flow at 8:06 A.M. Closed for final shut in 9:48 A.M. Pulled tool loose at 10:15 A.M. Back scuttled at 11:05 A.M. 200 psi pump pressure. Fluid rise 5300' Est. fluid 99+% water.

Pulled tester out of hole. Ran in with 6" bit and 7" scraper. Cleaned out to 9220'. Pulled out of hole.

## Chart Readings:

Depth	9122'
Int. Hyd.	4015 (psi)
Int. Flow	226 (")
Int. Shut in	2499 (")
2nd Flow	832 (")
Final Flow	1962 (")
Final Shut in	2499 (")
Final Hyd.	3987 (")

1-18-76

Rig and crew idle.

1-19-76

Ran in hole with 7" 29# Full bore. Set F.B. @ 9029' using HOWCO obtained breakdown through holes 9160' - 9170' under 4400 psi - 11FT<sup>3</sup>/Min. Rate. With 500 psi back up on annulus, mixed 115FT<sup>3</sup> Class G neat cement 20FT<sup>3</sup> fresh water ahead, 5FT<sup>3</sup> fresh water behind, displaced with 173FT<sup>3</sup> work over fluid. Reached max. pressure, 5000 psi. Back scuttled 51FT<sup>3</sup> cement out of tubing. Cement in place at 1:30 P.M. Pulled out of hole with full bore, ran back in with 6" bit and 7" csg. scraper.

- 1-20-76 Drilled out cement from 9028' to 9160'. Pulled out of hole. Using Dresser Atlas set Baker 3BB cast iron bridge plug at 9140'. Perforated four 1/2" holes per foot 9130' - 9078'. Started in hole with Johnston tester.
- 1-21-76 Set Johnston tester. Opened tool at 9:20 A.M. Closed at 12:00 Noon, shut in until 1:00 P.M. Pulled out of hole with tester. Started in hole with Baker Retrieveable bridge plug.
- Fluid level after 10 min. on test at 4000'  
Fluid level after 11-1/2 min. on test at 2700'
- 1-22-76 Unable to set bridge plug. Pulled out of hole and ran back in with new Baker 7" Model "B" lok-set bridge plug.
- 1-23-76 Set bridge plug at 9048' tested surface to 9048' under 1500 psi 20 min. O.K. Pulled out of hole. Using casing jacks, unlanded 7" casing with 225,000# pull. Removed casing slips, let 7" casing down and cut off casing head.
- 1-24-76 Cut and threaded 7" casing stub. Installed 7" 29# pup joint. Using casing jacks, tested new section of 7" with 200,000# pull. Released 7" casing and installed new 5000 psi Cameron casing head by butt welding to 13-3/8" surface pipe. Wrapped with asbestos blankets to cool.
- 1-25-76 Rig and crew idle.
- 1-26-76 X-rayed welds on 13-3/8" casing and casing head. O.K. Installed casing slips and packing. Using casing jacks, relanded 7" casing in slips with 210,000# Wt. Installed new 5000 psi Cameron tubing head with auxiliary seal flange. Tested between upper and lower seals 4500 psi - 20 min. O.K. Tested lower seal flange, API ring and packing 4200 psi - 20 min. O.K. Reinstalled BOPE tested with clean water. Pipe rams 2600 psi, Hydril 2000 psi, blind rams 2100 psi. Each test 20 min. O.K. D.O.G. declined to witness. Using nitrogen tested pipe rams under 2400 psi - 20 min. O.K. Hydril developed leak. Unable to get test. Shut job down at 9:30 P.M.
- 1-27-76 Installed new rubber in Hydril and tested with nitrogen under 2000 psi - 20 min. O.K. Ran in hole with 7" 29# full bore to test casing. Unable to obtain satisfactory test. Pulled out of hole, changed full bores and attempted another test of 7" csg. Pulled out of hole.
- 1-28-76 Ran in hole with new full bore, hydro testing tubing. Found one collar leak and laid down one jt. 2-7/8" tubing. Using B.J. pump truck pressure tested 7" casing.
- |                  |          |              |
|------------------|----------|--------------|
| Surface to 2995' | 3400 psi | 20 min. O.K. |
| " to 3992'       | 2800 psi | 20 min. O.K. |
| " to 4993'       | 2600 psi | 20 min. O.K. |
| " to 6994'       | 2400 psi | 20 min. O.K. |
| 6994 to 9048'    | 2200 psi | 20 min. O.K. |
- Released full bore ran in hole to 8934'. Shut job down at 8:00 P.M.
- 1-29-76 Broaching and pulling tubing with very little success. Shut job down at 8:30 P.M.
- 1-30-76 Changed tubing strings. Ran in hole with bridge plug retrieving tool to 8886'. Shut job down at 10:00 P.M.

- 1-31-76 Released full bore and back scuttled hole clean. Using Dresser Atlas, set Baker 7" 29# Retrieval "D" Lok-set packer at 8950' started in hole with production tubing.
- 2-1-76 Rig and Crew Idle.
- 2-2-76 Finished running production string (Detail attached) landed on packer at 8950' with 10,000# Wt. Pulled 15,000# over weight of tubing to test latch. Removed BOPE and installed 5000 psi xmas tree. Tested between upper and lower seals on donut, 4500 psi. Tested xmas tree 4500 psi. Each test 20 min. O.K. Displaced workover fluid with 368 BBLs of lease salt water. Set packer test plug in no-go nipple at 8950'. Tested packer and seals under 2000 psi 20 min. O.K. Rigging down to move. Shut job down at 11:00 P.M.
- 2-3-76 Loaded equipment for move. Released rig at 1:00 P.M.

TUBING DETAIL

No.	Item	Length	Depth
	Below K.B.	9.00	
	2-7/8 EU 8 thd Donut & pup jt.	2.20	
	2-7/8 EU 8 thd N-80 pup jt.	6.05	
	2-7/8 EU 8 thd N-80 pup jt.	10.00	
64 Jts	2-7/8 EU 8 thd J-55 tubing	1,983.20	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#1	2-1/2 Camco MMA mandrel W/R-20 V. @ 960# 1/4" port	8.89	2,023.39
46 Jts	2-7/8 EU 8 thd J-55 tubing	1,436.59	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#2	2-1/2 Camco MMA mandrel W/R-20 V. @ 940# 1/4" port	8.88	3,472.91
42 Jts	2-7/8 EU 8 thd J-55 tubing	1,294.52	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#3	2-1/2 Camco MMA mandrel W/R-20 V. @ 920# 1/4" port	8.85	4,780.33
40 Jts	2-7/8 EU 8 thd J-55 tubing	1,217.30	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#4	2-1/2 Camco MMA mandrel W/R-20 V. @ 900# 1/4" port	8.88	6,010.56
33 Jts	2-7/8 EU 8 thd J-55 tubing	1,015.26	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#5	2-1/2 Camco MMA mandrel W/R-20 V. @ 885# 1/4" port	8.89	7,038.76
31 Jts	2-7/8 EU 8 thd J-55 tubing	963.52	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#6	2-1/2 Camco MMA mandrel W/R-20 V. @ 875# 1/4" port	8.81	8,015.14
27 Jts	2-7/8 EU 8 thd J-55 tubing	845.53	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#7	2-1/2 Camco MMA mandrel empty no valve	8.88	8,873.60
1 Jt	2-7/8 EU 8 thd J-55 tubing	31.29	
	2-7/8 EU 8 thd N-80 pup jt.	4.05	
#8	2-1/2 Camco K.P.-5 Safety System W/E.H. shut off valve in place	11.50	8,920.44
1 Jt	2-7/8 EU 8 thd J-55 tubing	31.28	
	2-1/2 Baker Model R no go I.D. 2.25	.80	8,952.52
	2-1/2 Baker locator sub W/latch for Retrieva "D"		
	Lok Set packer	.75	8,953.27
	2-1/2 Baker seals 4 sets	4.60	8,957.87
	2-1/2 Baker flow tube	5.65	8,963.52
285 Jt	Total		

7" 29# Baker Retrieva "D" Lok Set packer

Size 47B2 Set @ 8950' wire line and N.L. Log measurements and bottom @ 8957

Top seal Bore in packer 4"

Lower seal Bore in packer 3.250

Seal latched into Retrieva "D" Lok set packer @ 8950 W/10,000# weight set on packer.

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

Report on Operations

No. T. 276-22

Mr. P. S. Magruder, Jr., Agent  
Southern California Gas. Co.  
P.O. Box 54790, Terminal Annex  
Los Angeles, California 90054

Santa Paula, Calif.  
Jan. 26, 1976

DEAR SIR:

Operations at well No. "SEZII" SF-8, API No. 037-00654, Sec. 33, T. 3N, R. 16W,  
S.R., B & M. Aliso Canyon Field, in Los Angeles County, were witnessed  
on 12/31/75. Mr. P. R. Wygle, representative of the supervisor was  
present from 1800 to 2000. There were also present T. Ashe, foreman

Present condition of well: No additions to casing record since proposal dated 11-11-75.

The operations were performed for the purpose of inspecting and testing the blowout prevention  
equipment and installation.

DECISION:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

b

HAROLD W. BERTHOLF  
~~JOHN E. MATTHEWS, JR.~~  
State Oil and Gas Supervisor

By Wm. Y. Unsworth Deputy  
Unsworth Chief

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

REPORT ON PROPOSED OPERATIONS No. P 276-13

Mr. P. S. Magruder, Jr., Agent  
Southern California Gas Co.  
P.O. Box 54790, Terminal Annex  
Los Angeles, Calif. 90054

Santa Paula, Calif.  
Jan. 14, 1976

DEAR SIR:

(037-00654)

Your proposal to alter casing Well No. "SFZU" SF-8  
Section 33, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon Field, Los Angeles County,  
dated 11/11/75, received 1-9/76, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The drilling fluid used shall be of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts; and a reserve supply of this material shall be kept on hand to meet any emergency. No contaminants or toxic material shall be used in any drilling fluid that is to be placed in an unlined sump.
2. Blowout prevention equipment, at least of the Division of Oil and Gas Class III rating, shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED TO WITNESS A PRESSURE TEST OF THE BLOWOUT PREVENTION EQUIPMENT BEFORE BEGINNING WORKOVER OPERATIONS.

NOTE: A COPY OF THIS APPROVAL SHALL BE POSTED AT THE WELL SITE PRIOR TO COMMENCING OPERATIONS.

Blanket Bond  
MD:b

HAROLD W. BERTHOLF  
JOHN R. MATTHEWS, Jr., State Oil and Gas Supervisor

By *Em J. Unreffed* Chief  
*Em nrad*, Deputy

JAN 9 1976

DIVISION OF OIL AND GAS

SANTA PAULA, 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. November 11, 19 75

DIVISION OF OIL AND GAS

Santa Paula 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. Sesnon Fee #8

(Cross out unnecessary words)

Sec. 33, T. 3N, R. 16W, S.B. B. & M.

Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- 1. Total depth. 9688'
2. Complete casing record.
13-3/8" cemented 2236'
7" cemented 9403' - plug 9393'
Bridge plug 9140'
Effective perforations 9110' - 9097'
WSO through 4-1/2" holes @ 9000'
Perfid 9162' - 9197' & 9246' - 9298'

3. Last produced. Shut In (Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- 1. Kill well, install BOPE & pull tubing.
2. Run cement bond leg & Neutron lifetime log. 3000 p.s.i.
3. Squeeze with cement & test to exclude water.
4. Perforate additional sands as indicated by logs.
5. Pressure test 7" casing. Install new well head.
6. Run packer & tubing with safety valve.

Table with columns: MAP, MAP BOOK, CARDS, BOND, FORMS (115, 12). Includes handwritten 'BB' and checkmarks.

SOUTHERN CALIFORNIA GAS COMPANY (Name of Operator)

By P. S. Magruder, Jr.

## DIVISION OF OIL AND GAS

006

## History of Oil or Gas Well

OPERATOR GETTY OIL COMPANY FIELD ALISO CANYONWell No. "SFZU SF-8", Sec. 33, T. 3N, R. 16W, S.B. B. & M.Date December 4, 19 69 Signed Carl H NelsonP.O. Box 811, Ventura, Calif. 643-2154 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.

HISTORY

9/17/69 C.P.S. moved in and rigged up to salvage perforate the upper Sesnon Zone. Filled hole with salt water. Removed tree. Installed B.O.P. Pulled and measured tubing. Ran 2 5/8" bailer and tagged fill at 9300'. Ran 6 1/8" bit with scraper to 8800'.

9/18 Ran in to 9000' with bit and scraper. Fast sheave in crown was cracked. Shut down and repaired. Ran bit and scraper to 9250'. Hole clean. Pulled up to 6000'.

9/19 Circulated hole fluid free of gas. Pulled out with bit and scraper. Ran Neutron-Correlation and Cement Bond logs. Set drillable bridge plug at 9140' with wireline. Pressure tested plug and casing to 1000 psi, held O.K. J.P'd 4 h/ft 9097' to 9110'. Rigged up hydrotest and tested tubing in the hole at 4500 psi. Landed tubing at 8511' on tubing hanger and shut the well in for the night.

9/20-22 Filled hole with salt water. Removed B.O.P. and installed tree. Ran rods and new pump. Ready to hook up flowline. Moved out.

9/23 Hooked up flowline and put well on production.

9/24 Pumped 328 BFPD; 99%; 4 BOFD.

9/27 Pumped 163 BFPD; 99%; 2 BOFD.

10/6 Pumped 223 BFPD; 96%; 9 BOFD.

10/10 Pumped 348 BFPD; 96%; 14 BOFD.

10/20 Pumped 239 BFPD; 96%; 9 BOFD.

FINAL REPORT

Casing Record 20" c 61'  
13 3/8" 54.5# & 61# c 2236'  
7" 23, 26 & 29# effec. to 9140'  
(Shoe cmtd. 9403')  
WSO 4 h's 9000'\*  
J.P. 4 h/ft 9097-9110'  
Ineffective casing below bdg. pg. at 9140'  
263'-7" 29# c 9403'  
J.P. 4 h/ft 9162-9175';  
G.P. 4 h/ft 9187-9197'  
Reperf. (J.P. 2 h/ft) 9193-9197'  
G.P. 6 h/ft 9246-9298'

\*Witnessed and approved by D.O.G.

DIVISION OF OIL AND GAS  
RECEIVED

DEC 5 1969

INGLEWOOD, CALIFORNIA

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P. 169-1004

Mr. C. G. Nelson, Agent  
GETTY OIL CO., OPERATOR  
P. O. Box 811  
Ventura, California 93002

Inglewood, Calif.  
September 12, 1969

DEAR SIR:

(037-00654)

Your proposal to plug and alter casing Well No. "SFZU" SF-8  
Section 33, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon Field, Los Angeles County,  
dated Sept. 4, 1969, received Sept. 10, 1969, has been examined in conjunction with records filed in this office.  
~~Present conditions as shown by the records on the proposed well are as follows:~~

THE PROPOSAL IS APPROVED PROVIDED that adequate pressure control equipment shall be installed and maintained in operating condition during all stages of perforating.

NOTE: The proposed bridge plug at 9140' shall not be considered as fulfilling the requirements of this Division for the abandonment of the lower portion of the hole without further consideration.

WLI:es

cc - C. G. Nelson

BLANKET BOND.

*S/w*

F. E. KASLINE, State Oil and Gas Supervisor

By *[Signature]* Deputy

DIVISION OF OIL AND GAS  
RECEIVED

006

DIVISION OF OIL AND GAS

SEP 10 1969

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given before work begins; one copy only

MOLENOOD, CALIFORNIA

Ventura, Calif. September 4, 1969

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. SFZU SF-8  
(Cross out unnecessary words) (037-00654)

Sec. 33, T. 3N, R. 16W, S.B. B. & M.  
Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- 1. Total depth. T.D. 9688'; Cmt. Pg. 9393'
- 2. Complete casing record, including plugs:
  - 20" c 61'
  - 13 3/8" 54.5# & 61# c 2236'
  - 7" 23, 26 & 29# effec. to 9393' (Shoe cmtd. at 9403')
  - WSO 4 h's 9000'\*
  - J.P. 4 h/ft 9162-9175'
  - G.P. 4 h/ft 9187-9197'
  - Reperf. (J.P. 2 h/ft) 9193-9197'
  - G.P. 6 h/ft 9246-9298'

\*Witnessed and approved by D.O.G.

3. ~~Last produced~~ Presently pumping 2 BOPD; 175 BWPD; 5 MCFPD  
(Date) (Oil, B/D) (Water, B/D) (Gas Mcf/D)

The proposed work is as follows: SALVAGE PERFORATE UPPER SESNON ZONE

- 1. Lower tubing, cleanout to 9200'.
- 2. Run Neutron-Correlation-Collar and Cement Bond logs. (If log indicates poor bonding, squeeze cement as required.)
- 3. Set wireline bridge plug at 9140'.
- 4. J.P. 4 h/ft 9097-9110'.
- 5. Return the well to production.

*Plug & alter casing*

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
			B	ARG	ARG

P.O. Box 811, Ventura, Calif.  
(Address)

643-2154  
(Telephone No.)

GETTY OIL (COMPANY) Co. Operator  
(Name of Operator)

By C. G. Nelson  
C. G. Nelson, Agent

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 CHANGE OF WELL DESIGNATION

830 North La Brea Avenue

Inglewood, California

September 25, 1968

Mr. Mr. C. G. Nelson, Agent  
Getty Oil Co., Operator  
P. O. Box 811  
Agent for Ventura, California 93001

DEAR SIR:

Your request dated letter dated August 26, 1968, relative to change in designation of well(s) in Sec. 32,33,34, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon 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: (Formerly owned by Porter Sesnon, Et Al)

<u>Old Designation</u>	<u>New Designation</u>
Sec. 32: "Sesnon Fee" 4	Sec. 32: "SFZU" SF-4 (037-00650)
" 6	" SF-6 (037-00652)
Sec. 33: " 1	Sec. 33: " SF-1 (037-00647)
" 2	" SF-2 (037-00648)
" 3	" SF-3 (037-00649)
" 5	" SF-5 (037-00651)
" 7	" SF-7 (037-00653)
" 8	" SF-8 (037-00654)
Sec. 34: "Porter Fee" 1	Sec. 34: " PF-1 (037-00644)
" 2	" PF-2 (037-00645)
" 3	" PF-3 (037-00646)

ag  
cc: F. E. Kasline  
Production Dept.  
Conservation Committee

F. E. KASLINE  
~~E. R. MURRAY-AARON~~  
State Oil and Gas Supervisor

By Wm. C. Bailey  
Deputy Supervisor

JAN 3 1961

DIVISION OF OIL AND GAS

*et al* History of Oil or Gas Well

Porter Sesnon, (Barbara Sesnon Cartan)

INGLEWOOD, CALIFORNIA

OPERATOR (W.T. Sesnon, Jr., Tenants in Common) FIELD Aliso Canyon

Well No. "Sesnon Fee" 8, Sec. 33, T. 3N, R. 16W, S.B. B. & M.

Date December 28, 1960

Signed *L.P. Lacre*

2 Pine Street

San Francisco 11

EXbrook 2-3238

Title Petroleum 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 1960
- 12/17 Refer to Division of Oil and Gas Form 111, No. P 160-932 dated 12/12/60. Rigged up California Production Service rig. Pulled rods and started pulling tubing.
  - 12/18 Finished pulling tubing. Ran Bailer. Found fluid level at 4060'. Found fill to 9323'. Bailed clean to 9391'.
  - 12/19 Ran Schlumberger 4" o.d. shaped charge carrier with magnetic collar locator. Checked bottom at 9391' and 10 collars. Collars checked with casing tally. Fired four jet holes per foot 9162'-9175'. Ran tubing with Baker tubing anchor on bottom.
  - 12/20 Ran tubing to 8012.32' (K.B. measurements). Ran pump and rods. Placed well on pump. Pumped 3 hours and rod snapped. Fished rods and pulled pump. Replaced pump and broken rod. Placed well back on production 2:30 a.m. 12/23/60.
  - 12/23 Production 15 B/D Oil - 239 B/D Water.
  - 12/24 " " " " " " "
  - 12/25 " " " " " " "
  - 12/26 " " " " " " "
  - 12/27 " " " " " " "

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**  
**REPORT ON PROPOSED OPERATIONS**

No. P. 160-932

Mr. Porter Sesnon  
2 Pine St.  
San Francisco 11 California  
Agent for PORTER SESNON ET AL

Inglewood Calif.  
December 12 1960

DEAR SIR:

Your proposal to alter casing Well No. "Sesnon Fee" 8,  
Section 33, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon Field, Los Angeles County,  
dated Dec 7, 1960, received Dec 8, 1960, 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. 9688' - Plug Back Total Depth 9393'
2. Complete casing record.  
13-3/8" C. @ 2236'  
7" C. @ 9403'  
W.S.O. @ 9000' - four 1/2" holes.  
Gun perforated with six 1/2" holes/ft. 9197'-9193', 9298'-9246'  
Gun perforated with four 1/2" holes/ft. 9193'-9187'
3. Last produced. 

December 6, 1960	7	19.5°	95%
(Date)	(Net Oil)	(Gravity)	(Cut)

PROPOSAL:

"The proposed work is as follows:

- (1) Kill well with salt water. Install BOPE. Pull rods and tubing.
- (2) Run collar locator and Schlumberger 4" shaped charge carrier gun and fire 4 holes/ft from 9162'-9175'.
- (3) Rerun tubing and rods and return well to production."

DECISION:

THE PROPOSAL IS APPROVED.

DER:es

cc - Porter Sesnon et al

*Records in 1-3-61*

*ES/aw*

E. H. MUSSER, State Oil and Gas Supervisor

By *[Signature]*, Deputy

DEC 8 1960

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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

San Francisco, Calif. December 7, 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. "Seson Fee" #8  
(Cross out unnecessary words)

Sec. 33, T. 3N, R. 16W, S.B. B. & M.

Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- 1. Total depth. 9688' - Plug Back Total Depth 9393'
- 2. Complete casing record.
  - 13-3/8" C. @ 2236'
  - 7" C. @ 9403'
  - W.S.O. @ 9000' - four 1/2" holes.
  - Gun perforated with six 1/2" holes/ft. 9197'-9193', 9298'-9246'
  - Gun perforated with four 1/2"holes/ft. 9193'-9187'

3. Last produced. December 6, 1960 7 19.5° 95%  
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- (1) Kill well with salt water. Install BOPE. Pull rods and tubing.
- (2) Run collar locator and Schlumberger 4" shaped charge carrier gun and fire 4 holes/ft from 9162'-9175'.
- (3) Rerun tubing and rods and return well to production.

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121

Porter Seson (Barbara Seson Cartan,  
~~W. T. Seson, Jr., Tenants in Common~~)  
(Name of Operator)

By L. P. Seare  
Petroleum Engineer

DIVISION OF OIL AND GAS SEP 11 1958

*et al*  
History of Oil or Gas Well  
Porter Sesnon, (Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., Tenants in

INGLEWOOD, CALIFORNIA

OPERATOR (Common)

FIELD

Aliso Canyon

Well No. "Sesnon Fee" #8, Sec. 33, T. 3-N, R. 16-W, S. R. B. & M.

Signed *L. P. Sacre*

Date September 10, 1958

Title *Easton & Sacre Engineers*  
(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.

Refer to Division of Oil & Gas Form 111, No. P-158-590 Dated 7-31-58

Date  
1958

- Aug. 11 Drilling & Production Co., contractor, moved equipment from "Sesnon Fee" #1 to "Sesnon Fee" #8 and rigged up.
- Aug. 12 Bled off casing pressure, removed x-mas tree, installed h.o.p.e. and pulled tubing. Measured in drill tubing with 6-1/8" bit and two 4" drill collars
- Aug. 13 Filled hole with dead lease crude and drilled out Baker model "N" bridge plug 9218' to 9219' drill pipe measurements. Ran to bottom and found 2'+ of fill and junk from 9390.7' to 9393'. Pulled out laying down drill tubing.
- Aug. 14 Ran 2-7/8" E. U. 8rd. thread, J-55 tubing with Lane-Wells 7" x 29# h.o.c.l. production packer set at 9148' with 16,500 lbs. weight. Gas lift valves were placed at 2895.76', 5178.27', 6840.72', 7993.56', 8639.61' and orifice at 9097.39'.
- Aug. 26 Placed well on gas lift.  
363 bbls. gross. 48 bbls. net.
- Aug. 28 213 bbls. gross. Some oil. Trouble with compressor.
- Aug. 29 205 bbls. gross. Some oil.
- Aug. 30 175 bbls. gross. " "
- Aug. 31 368 bbls. gross. " "
- Sept. 1 368 bbls. gross. 45 bbls. net oil.

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF OIL AND GAS**  
**REPORT ON PROPOSED OPERATIONS**

No. P. 158-590

Mr. William T. Sesnon, Jr.  
707 North Maple Drive  
Beverly Hills California  
Agent for PORTER SESNON ET AL

Inglewood 3 Calif.  
July 31, 1958

DEAR SIR:

Your proposal to alter casing Well No. "Sesnon Fee" 8,  
Section 33, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon Field, Los Angeles County,  
dated July 27, 1958, received July 30, 1958, 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: (Please refer to Division of Oil and Gas Reply No. P 157-1315 dated November 4, 1957)

1. Total depth. 9688
2. Complete casing record.  
13-3/8" casing cemented at 2236'  
7" casing cemented at 9403'  
WSO at 9000' - four 1/2" holes.  
Plugged with cement 9403'-9393'.  
Gun perforated with six holes per foot 9298'-9246'  
Baker Model K bridge plug set in 7" casing at 9228'  
Gun perforated six holes per foot 9197'-9193'  
Gun perforated four holes per foot 9193'-9187'

3. Current production	48 B/D	19.4°	17%
(Date)	(Net Oil)	(Gravity)	(Cut)"

**PROPOSAL**

"The proposed work is as follows:

1. Pull rods, pump, and tubing. Install blow-out prevention equipment.
2. Drill out Baker model "K" bridge plug at 9228'
3. Return well to production."

**DECISION**

THE PROPOSAL IS APPROVED.

DER:OH

cc Porter Sesnon et al  
2 Pine Street  
San Francisco 11 California

Easton & Sacre  
1616 Oak Street  
Bakersfield California

E. H. MUSSER, State Oil and Gas Supervisor

By Wm C. Bailey, Deputy

No bond required.

H/9

*Handwritten note:* 4801... 9/1/58

JUL 30 1958

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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

San Francisco Calif. July 27 1958

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Public Resources Code, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. "Sesnon Fee" # 8

(Cross out unnecessary words)

Sec. 33, T. 3 N., R. 16 W., SB B. & M.

Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows: (Please refer to Division of Oil and Gas Reply No. P 157-1315 dated November 4, 1957)

- 1. Total depth. 9688'
2. Complete casing record.
13-3/8" casing cemented at 2236'
7" casing cemented at 9403'
WSO at 9000'- four 1/2" holes.
Plugged with cement 9403'-9393'
Gun perforated with six holes per foot 9298'-9246'
Baker Model K bridge plug set in 7" casing at 9228'
Gun perforated six holes per foot 9197'-9193'
Gun perforated four holes per foot 9193'-9187'

Current production 48 B/D 19.4° 17%
Last produced (Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- 1. Pull rods, pump, and tubing. Install blow-out prevention equipment.
2. Drill out Baker model "K" bridge plug at 9228'
3. Return well to production.

Table with columns: MAP, MAP BOOK, CARDS, BOND, FORMS (114, 121). Includes handwritten entries like 'All casing', 'no bond', and initials 'EB'.

Porter Sesnon, Barbara Sesnon Cartan, Wm. T. Sesnon Jr., Tenants in Common

(Name of Operator) L.P. Sacre, Engineers

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

EASTON & SACRE  
CONSULTING PETROLEUM ENGINEERS

SUBMIT IN DUPLICATE  
STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

NOV 18 1957

DIVISION OF OIL AND GAS

LOS ANGELES, CALIFORNIA

History of Oil or Gas Well

Porter Sesnon, (Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., Tenants

Aliso Canyon

OPERATOR in Common) FIELD

Well No. "Sesnon Fee" #8, Sec. 33, T. 3N, R. 16W, S. B. B. & M.

Signed L.P. Sacre

Date November 15, 1957

Title Easton & Sacre Engineers  
(President, Secretary, 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.

Refer to Division of Oil and Gas Form #107 Dated October 31, 1957

- 11/1/57 California Production Service moved in, rigged up and pulled rods and pump. Installed Hydril blow out prevention equipment.
- 11/2/57 Attempted to pull tubing and Baker mechanical tubing anchor but it would not release. Worked pipe for 13 hours when tubing started up hole dragging tubing anchor. When anchor reached surface it became lodged in tubing head and required removal of tubing head and complete disassembly of Baker anchor.
- 11/3/57 Replaced tubing head and installed b.o.p.e. again. Baker Cast Iron Bridge Plug 9228'. Lane-Wells rigged up and ran junk basket with gauge ring together with collar locator to a depth of 9260' without difficulty. Made up and ran Baker model "N" cast iron bridge plug together with collar locator. Reset odometer 2' to agree with casing collars and shot bridge plug in place at 9228'. Gun Perforated interval 9197'-9187'. Lane-Wells installed lubricator and ran their 5-9/16" E gun together with collar locator. Reset odometer and shot four holes per foot from 9197' to 9187' and reshot two holes per foot from 9197' to 9193' for a total of 48 holes. 2-7/8" o.d. E. U. tubing. Ran 290 joints of 2-7/8" o.d. E. U. tubing (J-55) and (N-80) tubing and hung venturi type shoe at 9157' and pump shoe at 9125'. Made swabbing test as follows:
 

Time	Fluid Level	Fluid
3:15 p.m.	2000'	Dead oil
5:00 p.m.	3000'	" "
5:30 p.m.	3200'	" " with some water
6:00 p.m.	3400'	100% water
11:30 p.m.	4100'	Water with small amount of oil
12:30 a.m.	4100'	" " " " " "
2:30 a.m.	4600'	50% oil & 50% water
4:30 a.m.	5000'	All oil
8:30 a.m.	5000'	Alloil

Swabbed at 180 to 200 B/D rate. Ran pump and rods.
- 11/4/57
- 11/5/57 On pump 14 hours. 89 bbls., 16% cut, 74.76 oil, 14.24 water.
- 11/7/57 Pump shoe at 9126'. On 15 hours. 100 bbls. gross, 1 bbl. water, 99 bbls. oil
- 11/10/57 100 gross, 99 bbls. oil, 1.0 water, 1% cut, 270/300

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**  
**REPORT ON PROPOSED OPERATIONS**

No. P.157-1315

Mr. William T. Sesnon, Jr.  
707 North Maple Drive  
Beverly Hills California  
Agent for PORTER SESNON ET AL.

Inglewood 3 Calif.  
November 4, 1957

DEAR SIR:

Your proposal to plug and alter casing Well No. "Sesnon Fee" 8,  
Section 33, T. 3N., R. 16 W., S. B. B. & M., Aliso Canyon Field, Los Angeles County,  
dated Oct. 31, 1957, received Nov. 1, 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**  
7" cem. 9403', four 1/2" holes 9000', W.S.O.

**THE NOTICE STATES**

"The present condition of the well is as follows:

1. Total depth. 9688'
2. Complete casing record.  
13-3/8" casing cemented at 2236'  
7" " " " 9403'  
Plugged with cement 9403'-9393'  
Gun perforated with six 15/32" holes/ft. 9298'-9246'

3. Last produced. 10-30-57 2 B/D 20° 99%  
(Date) (Net Oil) (Gravity) (Cut)

**PROPOSAL**

"The proposed work is as follows:

1. Pull rods, pump and tubing. Install B. O. P. E.
2. Run Baker model K bridge plug and set it in 7" casing at 9228'.
3. Shoot four holes per foot opposite interval 9197'-9187'.
4. Conduct swabbing test. Results will determine balance of perforating program."

**DECISION**

**THE PROPOSAL IS APPROVED PROVIDED THAT**

1. The proposed bridge plug at 9228' shall not be considered as fulfilling the requirements of this Division for abandonment of the lower portion of the hole.
2. This division shall be kept informed of the results of tests after each stage of perforating, and will designate any requirements at that time.

DER:OH

cc Porter Sesnon, et al  
2 Pine Street  
San Francisco 11 California

Easton & Sacre  
1716 Oak Street  
BAKERSFIELD California  
Bond No. L-6013623 Dated 12-3-56.

E. H. MUSSER, State Oil and Gas Supervisor

By Wm C. Bailey, Deputy  
1002

*Records in for this Report*

DIVISION OF OIL AND GAS RECEIVED

NOV 1 - 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

San Francisco October 31 57
Calif. 19

DIVISION OF OIL AND GAS
Los Angeles Calif.

In compliance with Section 3203, Public Resources Code, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging or altering casing at Well No. "Sesnon Fee" # 8

Sec. 33, T. 3 N, R. 16 W, S. B. B. & M.
Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 9688'

2. Complete casing record.

13-3/8" casing cemented at 2236'
7" " " " 9403'
Plugged with cement 9403'-9393'
Gun perforated with six 15/32" holes/ft. 9298'-9246'

Table with columns: MAP, MAP BOOK, CARDS, BOND, FORMS (114, 121). Includes handwritten notes: 'plug & alter casing', 'Bond 12-3-57', 'ye', 'ye'.

3. Last produced. 10-30-57 2 B/D 20° 99%
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- 1. Pull rods, pump and tubing. Install B. O. P. E.
2. Run Baker model K bridge plug and set it in 7" casing at 9228'.
3. Shoot four holes per foot opposite interval 9197'-9187'.
4. Conduct swabbing test. Results will determine balance of perforating program.

Porter Sesnon, Barbara Sesnon Cartan, Wm. T. Sesnon Jr., Tenants in Common
(Name of Operator)

By Easton & Sacre, Engineers

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

EASTON & SACRE  
CONSULTING PETROLEUM ENGINEERS

SUBMIT LOG IN DUPLICATE  
FILL TH IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAF  
STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS  
RECORDS

DIVISION OF OIL AND GAS

APR 9 1957

LOS ANGELES, CALIFORNIA

*et al*

WELL SUMMARY REPORT

Operator Porter Sesnon, (Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., Tenants in Field Aliso Canyon  
Common)  
Well No. "Sesnon Fee" #8 Sec. 33, T. 3 N., R. 16 W., S.B. B. & M.  
3794.33' South and 7347.88' West Elevation above sea level 2180 ground feet.  
Location from Station 84 All depth measurements taken from top of kelly bushing  
which is 11 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 March 22, 1957

Signed Porter Sesnon

Easton & Sacre  
(Engineer or Geologist)

Don Gordon  
(Superintendent)

Title Tenant  
(President, Secretary or Agent)

Commenced drilling December 13, 1956 Completed drilling February 16, 1957 Drilling tools Cable Rotary  
Total depth 9688' Plugged depth 9393' - 9403' GEOLOGICAL MARKERS DEPTH  
Junk none Top of upper Sesnon (S4) 9085'

Commenced producing March 9, 1957 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	3	19.4°	99	Not Measured	-	82
Production after <u>7</u> days	3	19.4°	99	Not Measured	-	63

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 Cementing if through perforations
13-3/8"	2236'	Surface	54.5 and 61 lbs.	New	Smls.	J-55	18-5/8"	1087	See history
7"	9403'	Surface	23 and 26#	New	Smls.	N-80	11"	440	See history

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
7"	9298 ft.	9246 ft.	Gun perforated six A-2 5-7/16" o.d. gun.	15/32"	holes per foot	with Lane-Wells

Electrical Log Depth 2236' - 9675' (Attach Copy of Log)

DIVISION OF OIL AND GAS

*et al* History of Oil or Gas Well

Porter Sesnon, (Barbara Sesnon Cartan,  
OPERATOR Wm. T. Sesnon Jr., Tenants in FIELD Aliso Canyon  
Common)

Well No. "Sesnon Fee" #8, Sec. 33, T. 3 N., R. 16 W., S.B. B. & M.

Signed *Porter Sesnon*

Date March 22, 1957

Title *Tenant*  
(President, Secretary or Agent)

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Date  
1956

Prior to moving in the drilling equipment, the location was graded and a 9' x 8' x 5' concrete cellar was installed with 8" walls and 12" bottom. 20" new, Taylor spiral weld conductor pipe was cemented in 30" hole to a depth of 45' below bottom of cellar or 50' below ground level, or 61' below kelly bushing.

Dec. 10 K. L. Kellogg & Sons, drilling contractor, moved in equipment, rigged up  
to and commenced drilling operations at 4:00 p.m., December 13, 1956.  
Dec. 13 Drilled 12-1/4" hole from surface to 276'.

Dec. 14 Drilled 12-1/4" hole from 276' to 1086' and twisted off leaving four 8"  
to drill collars and bit in the hole. Ran B-R socket and recovered fish  
Dec. 15 without difficulty. Drilled from 1086' to 1491'.  
incl.

Dec. 16 Drilled 12-1/4" hole from 1491' to 1913' and lost complete circulation  
to from 1913' to 1925'. Partial circulation was regained after four hours.  
Dec. 17 After 12 hours, drilled 50' and lost 200 barrels mud. Drilled ahead  
incl. with partial circulation from 1925' to 2330' in 13 hours and lost  
approximately 370 barrels mud.

Dec. 18 Drilled 12-1/4" hole from 2330' to 2616' with partial circulation and  
to lost 150 barrels mud. Ran 12-1/4" x 18-5/8" Smith 6-point hole opener  
Dec. 22 and opened 12-1/4" hole to 18-5/8" from surface to 1919' when circulation  
incl. was lost. Circulated and conditioned mud with drill pipe hung at 1919'  
and lost 875 barrels mud in 10 hours. Opened 12-1/4" hole to 2236' while  
losing approximately 10 barrels of mud per hour. Pulled pipe and found  
hole tight from 1930' to 1900'. Mixed lost circulation material and  
cleaned out hole. Lost 250 barrels mud while cleaning out.

Dec. 23 Conditioned hole and mud for pipe.

13-3/8" Casing: Ran and cemented at 2236' 13-3/8" x 54.5 lb. and (shoe  
joint - 28.45' - was 61 lb.) 63 joints total of Youngstown and Spang,  
J-55, smls., range 2 and 3, 8 rd. thread, S.T. & C. with the following:  
1. 1012 sacks Colton construction cement mixed with 1518 cubic  
feet Sealite and 40 sacks gel all mixed to 81 to 82 lb. slurry  
followed by -  
2. Mixture of 75 sacks colton construction cement, 75 cubic feet  
Sealite and 3 sacks gel all treated with 2% CaCl<sub>2</sub> and mixed

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### DIVISION OF OIL AND GAS

#### History of Oil or Gas Well

OPERATOR Porter Sesnon et al FIELD Aliso Canyon

Well No. "Sesnon Fee" #8, Sec. 33, T. 3 N, R. 16 W, S. B. B. & M.

*1st check history*  
Signed Porter Sesnon

Date March 22, 1957 Title \_\_\_\_\_  
(President, Secretary or Agent)

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Date

1956

Dec. 23  
(Cont'd)

to 90 to 91 lb. slurry.  
3. Total materials were 1087 sacks cement, 1593 cubic feet Sealite and 43 sacks gel.

Used one top wooden plug in plug holder head and displaced with 1927 cubic feet mud (1942 cubic feet theoretical). Plug bumped under 600 psi. After an estimated 1200 cubic feet had been displaced, there was partial to no circulation. Started mixing at 1:55 p.m. and finished displacing at 4:00 p.m. Oil Well Cementing Company equipment was used and included two pump trucks. Used Baker open guide shoe and bottom four joints were tack welded. Baker centralizers were placed 10' above shoe and in center of second joint. Ran 100' of 2" pipe in annulus outside of pipe and pumped 107 sacks cement treated with 4% CaCl<sub>2</sub>. Had good circulation and cement returns to surface.

Dec. 24

After standing cemented four hours, the casing was landed and a 12" series 900 National Supply Company casing head was welded in place and tested between inside and outside welds with 3000 psi which held satisfactorily. Installed blowout prevention equipment which consisted of double Shaffer gate and Hydril G.K. with accumulator and remote controls. Tested blowout prevention equipment complete shut-off with 1000 psi which held satisfactorily. Then ran 12-1/4" bit to 2200' and tested pipe rams and casing with 1500 psi which held for 30 minutes.

Dec. 25

Located top of cement at 2234'. Cleaned out to 2616' and checked shoe at 2236'. Circulated and conditioned mud for 1-1/2 hours, then drilled 12-1/4" hole from 2616' to 2779'.

Dec. 26

Drilled 12-1/4" hole from 2779' to 3170' and jumped pin in box of bottom drill collar. Driller unaware of this and dropped Totco instrument in

to

Dec. 27

hole. Pulled out of hole and learned that drill collar, sub, bit and Totco instrument had been left in hole. Ran B-R socket but were unable to recover fish. Spotted 45 barrels oil and ran socket, bumper sub and jars. Jarred on fish which came free and was recovered except for Totco instrument after total of 18 hours

incl.

Ran Globe junk basket for Totco instrument without success. Ran 12-1/4" bit and drilled ahead to 3218' without trouble from junk.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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Signed Porter Sesnon  
*1st sheet history*

Date March 22, 1957 Title \_\_\_\_\_

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Date  
1956  
Dec. 28  
to  
Dec. 30  
incl.

Drilled 12-1/4" hole from 3218' to 3418' and reduced hole to 11".  
Drilled 11" hole from 3418' to 4585'. Changed to T-8 mud at 4020'

1957  
Dec. 31  
to  
Jan. 25  
incl.

Drilled 11" hole from 4585' to 8977' without difficulty. Reduced hole size to 7-5/8" and drilled from 8977' to 9030'. Circulated and conditioned mud and hole for electric log run. (4445' in 26 days for average 171' per day).

Electric Log Run No. 1: Ran Schlumberger electric log which recorded from 2236' to 9030'.

Jan. 26

Ran 7-5/8" bit and cleaned out to bottom - circulated and conditioned hole.

Core No. 1 9040' - 9060', recovered 16-1/2': Ran 7-5/8" Reese conventional core barrel and cored from 9040' to 9060'. Ran 11" bit and opened 7-5/8" hole from 8977' to 9060'. Drilled ahead to 9085'.

Jan. 27  
to  
Jan. 28  
incl.

Ran 7-5/8" bit and drilled from 9085' to 9165' and circulated for 4 hours for test.

Attempted J.F.T. 9115' - 9165': Ran Johnston hydraulic tester with 3/4" fully opened bean on 170' of 5-3/4" o.d. drill collars and 5" o.d. 19.5 lb. Reed, i.f. drill pipe. Used 922' water cushion and ran Homco safety joint, Sutliff jars, bumper-sub, left hand joint below dual multiring packers (6-5/8" o.d.), back scuttling valve 93' above top of drill collars. Center of lower packer was set at 9115' and shut-in tool was placed under jars. The valve was open for one hour from 12:53 p.m. to 1:53 p.m., January 28, 1957. Shut well in for one hour. Had light steady blow throughout test. On fourth stand out of hole, lost fluid in annulus and drill pipe; back scuttled, equalized and conditioned mud. Found box and pin of jars washed out and back scuttling valve open. Seats in tool cut-out. T-bombs showed flow pressure 866 - 1321 psi, shut-in pressure 2384 psi.

Jan. 29

Ran bit and conditioned hole and mud (22 hours).

# DIVISION OF OIL AND GAS

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Signed Porter Sesnon  
Date March 22, 1957 Title \_\_\_\_\_  
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Date

1957

- Jan. 30 Attempted J.F.T. 9109' - 9165': (Mis-run packer failed) Ran Johnston tester set-up as above except that top packer was 7" o.d. and back scuttling valve was eliminated. Valve was open 3 minutes at 7:30 p.m. and there was a medium steady blow - then mud in annulus dropped away. Pulled out and found that top ring of lower packer (6-5/8" multiring) had been left in the hole. Had net rise of 7 stands (651') gassy, oily drilling fluid.
- Attempted J.F.T. 9125' - 9165': (mis-run tool plugged) Ran Johnston tester as above with single 7" o.d. multiring packer which was set at 9125'. Opened valve for one hour from 3:40 p.m. to 4:40 p.m., January 30, 1957. There was no blow. Found hydraulic tool plugged with fine sand and no fluid entered tester. Lost top rubber ring of 7" packer.
- Jan. 31 Ran 7-5/8" bit to 9165' and conditioned hole and mud.
- Electric Log Run No. 2: Ran Schlumberger electric log which recorded from 9030' to 9163'.
- J. F. T. Interval 9103' - 9165': Ran Johnston hydraulic tester on 170' of 5-3/4" o.d. drill collars and 5" o.d., 19.5 lb. Reed I.F. drill pipe with 922' water cushion, Homco safety joint, Bowen straight-pull jars, bumper sub and left hand below double multiring packers. Top packer was 7-1/4" o.d. and lower packer was 7" o.d. Center of top packer was set at 9095' and center of lower packer set at 9103'. Opened valve for one hour from 1:50 p.m. to 2:50 p.m., January 31, 1957. Had light steady air blow throughout test. Recovered net rise of 2400' (26-2/3 stands equivalent to 42.1 barrels). Fluid consisted of slightly oily, slightly gassy salt water which tested 837 g/g NaCl. Bombs showed initial flow pressure of 715 psi and final flow pressure of 1550 psi.
- Feb. 1 Ran 7-5/8" bit and cleaned out to 9165'. Drilled ahead from 9165' to  
to 9363'.
- Feb. 4 Core No. 2 9363' - 9374', recovered 7': Ran 7-5/8" Reese conventional  
incl. core barrel and cored from 9363' to 9374'. Circulated and conditioned  
mud and hole.
- Electric Log Run No. 3: Ran Schlumberger electric log which recorded from 9163 to 9367'.

# DIVISION OF OIL AND GAS

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Signed 1st sheet Easton  
Porter Sesnon

Date March 22, 1957 Title \_\_\_\_\_

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Date

1957

- Feb. 5 to Feb. 7 Ran 11" bit and opened 7-5/8" hole to 11" hole from 9085' to 9363' and drilled ahead to 9415'.
- Feb. 8 Drilled 11" hole from 9415' to 9430'.
- Core No. 3 9430' to 9446', recovered 10': Ran 7-5/8" Reese conventional core barrel with rock head and cored from 9430' to 9446'. Ran 11" bit and opened 7-5/8" hole to 11" from 9430' to 9446' and drilled ahead to 9449'. Installed Dan Taylor well logging unit at 9446'.
- Feb. 9 to Feb. 10 incl. Drilled 11" hole from 9449' to 9620'.
- Core No. 4 9620' - 9645', recovered 7': Ran Reese 7-5/8" conventional core barrel and cored from 9620' to 9645'.
- Feb. 11 to Feb. 12 incl. Drilled 11" hole from 9620' to 9688', total depth, and conditioned hole and mud for electric log.
- Electric Log Run No. 4: Ran Schlumberger electric log, micro-log and directional survey to 9675'.
- Ran 11" bit, cleaned out and conditioned hole and mud for pipe.
- Feb. 13 7" Casing: Ran and cemented at 9403', 228 joints of 7", 23 and 26 and 29 lb., new, range 3, Spang, smls., N-80 casing with 440 sacks Victor hi-temp cement mixed with 440 cubic feet Sealite and 17 sacks gel. Mixed 90 lb. slurry in 20 minutes. Used plug holder head with top rubber plug and displaced with 2044 cubic feet mud (theoretical 2044 cubic feet) in 31 minutes. Plug bumped under 1400 psi. Cement was in place at 1:51 p.m. by Oil Well Cementing Company. Worked pipe over 10' interval during cementing operations and float held at conclusion of displacement.
- Casing Detail: Bottom 20 joints (805.29') were 29 lb., N-80; next 49 joints (2056.91') were 26 lb., N-80; next 154 joints (6339.45') were 23 lb., N-80; top 5 joints (154.08') were 29 lb., N-80. Shoe joint = 43.53' overall and included Baker differential fill-up shoe and collar. Shoe at depth of 9403'. B & W scratchers were fitted 90', 155', 190'

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# DIVISION OF OIL AND GAS

## History of Oil or Gas Well

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Date

1957

- Feb. 13 210', 240', 260', 300', 320', 410' and 430' above shoe. Baker  
(Cont'd) centralizers were placed 10', 200', 250', 310' and 420' above shoe.
- Feb. 14 After standing cemented 15 hours, the 7" casing was landed and the blowout prevention equipment was installed and tested under 1200 psi for 30 minutes without loss of pressure.
- Feb. 15 Ran 6-1/8" bit on 311 joints of 3-1/2" drill pipe and located top of cement at 9354.52'.
- Water Shut-Off Test at 9000': Ran Johnston combination gun and tester on 3-1/2" drill pipe with 900' water cushion, 3/4" bean. Measured in to top of cement at 9355'. Pulled up to 9000' and shot four 1/2" jet holes. Set packer at 8962' with tail extending to 8981'. Opened valve for one hour from 2:18 to 3:18 p.m. Had light steady blow for one minute, no action for balance of test. Recovered net rise of 30' of normal drilling fluid. Pressure charts indicated tool had operated satisfactorily and flow pressure was 450 psi. Test was witnessed and approved by George Lee, Inspector, Division of Oil and Gas.
- Ran 6-1/8" bit with Baker casing scraper on one 4-3/4" drill collar on 3-1/2" drill pipe and reamed hole through shot holes at 9000'. Drilled through float collar (base at 9360', top at 9358') and drilled out firm cement to 9393'.
- Feb. 16 Circulated 3-1/2 hours. Replaced mud with salt water. Laid down drill pipe. Drilling contractor's crew and equipment were released 6:00 p.m.
- Feb. 16 Well stood idle.  
to  
Mar. 7
- Mar. 8 Production crew moved in production mast and hoist and rigged up. Installed blowout prevention equipment and lubricator. Ran Lane-Wells junk pusher and collar finder and located top of fluid at 550'. Foreign material was found at 3066' and was pushed to 4000'\*. Checked bottom (top of cement inside 7" casing) at 9393' and bottom 11 collars were located and they checked original casing tally measurements. Ran Lane-Wells 5-7/16" o.d. A-2 gun and shot 312 15/32" holes (six holes per foot) from

**DIVISION OF OIL AND GAS**

**History of Oil or Gas Well**

OPERATOR Porter Sesnon et al FIELD Aliso Canyon

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Signed Porter Sesnon  
*1st chief history*

Date March 22, 1957 Title \_\_\_\_\_

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Date

1957

Mar. 8 9298' to 9246'. Fluid level at 580' upon completion of shooting. Com-  
(Cont'd) pleted perforating at 4:50 p.m.

Mar. 9 2-7/8" Tubing: Ran 180 joints of 2-7/8", 6.5 lb., e.u., Spanco, J-55, 8 rd. thread tubing on bottom of string and 111 joints of 2-7/8", 6.5 lb., e.u., Youngstown, N-30, 8 rd. thread tubing on top of string. Total tubing in hole = 9192.76. Landed on 2-1/2" National do-nut. Baker anchor set one joint off bottom at 9160.24', D & B full hole pump shoe set two joints off bottom and Venturi shoe at bottom of string at 9192.76'.

Began swabbing at 3:00 p.m. Fluid level at 1000' at start of swabbing.

	<u>Time</u>	<u>Fluid Level</u>	<u>Swab From</u>	<u>Condition</u>	<u>Gas and Follow-up</u>
	3 p.m.	1000'	2000'	Muddy water	None
	4 p.m.	2000'	3500'	Muddy water	None
	8 p.m.	3300'	4100'	Muddy water	None
	10 p.m.	3800'	4600'	Muddy water	None
	12 p.m.	4400'	5300'	Muddy water	None
Mar. 10	1 a.m.	5000'	5900'	Mud and water	None
	2 a.m.	5100'	6100'	Slight oil show	Small amount
	3 a.m.	5200'	6200'	Water clear - slight oil show	Very small gas show
	4 a.m.	5200'	6200'	Water clear - slight oil show	Very small gas show
	6 a.m.	5200'	6200'	Water clear - slight oil show	Very small gas show
	9 a.m.	5200'	6200'	Water clear - slight oil show	Very small gas show
	10 a.m.	5400'	6200'	Water clear - slight oil show	Very small gas show

At 10:30 a.m. quit swabbing. Checked fluid level at 5400'. Estimate swabbing rate to be approximately 400 barrels per 24 hours. Estimate 1% oil with water.

Ran 243 rods (7290'), Axelson 2-1/2" x 1-3/4" x 16' x 20' pump (25'), polish rod (20'), Admore anchor (2') and 1" pony rod (9'). Pump opening at 7346'. Placed well on pump.

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### DIVISION OF OIL AND GAS

#### History of Oil or Gas Well

OPERATOR Porter Sesnon et al FIELD Aliso Canyon

Well No. "Sesnon Fee" #8, Sec. 33, T. 3 N R. 16 W, M.D. B. & M.

Signed Porter Sesnon

Date March 22, 1957

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(President, Secretary or Agent)

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Date

1957

Production

- Mar. 22 295 B/D water - 1% oil.
- Mar. 25 Fluid level 5688' or 1658' fluid over pump. 300 B/D water - 1% oil, 10.4 s.p.m., 120" strokes, 82 psi casing pressure.
- Mar. 29 Fluid level 5644'. 294 B/D water - 1% oil, 10.5 s.p.m., 120" strokes, 63 psi casing pressure.

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SUBMIT IN DUPLICATE

EASTON & SACRE  
CONSULTING PETROLEUM ENGINEERS

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

SFZU SF-8

**DIVISION OF OIL AND GAS**

*et al*

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

Porter Sesnon, Barbara Sesnon Cartan,

Operator Wm. T. Sesnon Jr., Tenants in Field Aliso Canyon

Common

Well No. "Sesnon Fee" #8 Sec. 33, T. 3 N, R. 16 W, M.D. B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0'	576'	576'	Drilled	-	Surface.
576'	4230'	3654'	Drilled	-	Sand and shales.
4230'	4370'	140'	Drilled	-	Shale streaks and sand.
4370'	4585'	215'	Drilled	-	Sand and shale.
4585'	4833'	248'	Drilled	-	Shale with sandy shale.
4833'	5048'	215'	Drilled	-	Sand and shale.
5048'	5663'	615'	Drilled	-	Shale and sandy shale.
5663'	5790'	127'	Drilled	-	Shale.
5790'	5869'	79'	Drilled	-	Shale and sand.
5869'	6026'	157'	Drilled	-	Shale.
6026'	6130'	104'	Drilled	-	Shale and sand.
6130'	6250'	120'	Drilled	-	Shale and sandy shale.
6250'	6783'	533'	Drilled	-	Shale and sand.
6783'	6820'	37'	Drilled	-	Hard shale.
6820'	6889'	69'	Drilled	-	Sand and shale.
6889'	7452'	563'	Drilled	-	Hard shale.
7452'	7581'	129'	Drilled	-	Sand and shale.
7581'	7728'	147'	Drilled	-	Hard sand and shale.
7728'	7932'	204'	Drilled	-	Sand and shale.
7932'	7952'	20'	Drilled	-	Hard shale.
7952'	8019'	67'	Drilled	-	Hard sand and shale.
8019'	8102'	83'	Drilled	-	Hard shale and sand.
8102'	8281'	179'	Drilled	-	Shale and sand.
8281'	8301'	20'	Drilled	-	Hard sand and shale.
8301'	8718'	417'	Drilled	-	Shale and sand.
8718'	8770'	52'	Drilled	-	Hard shale and sand.
8770'	8896'	126'	Drilled	-	Shale and hard sand.
8896'	8981'	85'	Drilled	-	Shale with streaks of sand.
8981'	9040'	59'	Drilled	-	Shale.
9040'	9060'	20'	Core #1	16-1/2'	1/2' Fragments of medium grained, soft, friable oil sand. 16' Siltstone, slightly sandy, homogeneous, mottled, brownish oil staining, occasional shell fragments and pebbles, tight appearing with some free oil.
9060'	9085'	25'	Drilled	-	Shale and sand.
9085'	9105'	20'	Drilled	-	Shale with hard streaks.
9105'	9124'	19'	Drilled	-	Sand.
9124'	9157'	33'	Drilled	-	Shale with streaks of sand.
9157'	9165'	8'	Drilled	-	Shale.
9165'	9272'	107'	Drilled	-	Sand and shale.

SUBMIT IN DUPLICATE

EASTON & SACRE  
CONSULTING PETROLEUM ENGINEERS

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

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

Operator Porter Sesnon et al Field Aliso Canyon

Well No. "Sesnon Fee" #8 Sec. 33, T. 3 N, R. 16 W, S. 3 B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9272'	9280'	8'	Drilled	-	Hard shale.
9280'	9284'	4'	Drilled	-	Chert and hard shale.
9284'	9312'	28'	Drilled	-	Chert, shale and sand.
9312'	9334'	22'	Drilled	-	Hard shale.
9334'	9363'	29'	Drilled	-	Shale and sand.
9363'	9374'	11'	Core #2	7'	7' Sandstone, gray, hard, difficultly friable, lime cemented in streaks throughout, medium grained. Near top of core some slight, mottled oil staining, looks wet, several pebbles up to 2" at top.
9374'	9384'	10'	Drilled	-	Hard shale.
9384'	9415'	31'	Drilled	-	Sand and shale.
9415'	9430'	15'	Drilled	-	Hard shale and sand.
9430'	9446'	16'	Core #3	10'	10' Shale, dark gray, hard, laminated with gray silt. Good bedding. Dip 10 - 15°. Some vertical fracture at top of core. No oil or gas shows.
9446'	9620'	174'	Drilled	-	Sand and shale.
9620'	9645'	25'	Core #4	7'	7' Sand, gray, clean with streaks firm to hard sandstone. Good porosity and permeability. No gas flash; no oil showings.
9645'	9657'	12'	Drilled	-	Shale and sand.
9657'	9688'	31'	Drilled	-	Shale and sand.
Cores Described by C. Dorn E. M. Easton					Total Depth: 9688'. Electric Log to 9675'.

*et al*

Porter Sesnon, (Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., Tenants in Common)  
"Sesnon Fee" No. 8

March 22, 1957

Summary of Mud Condition

<u>Date</u> 1956	<u>Time</u>	<u>Depth</u> ft.	<u>Weight</u> lb/cf	<u>Visc.</u> Secs.	<u>W.L.</u> cc/30	<u>Cake</u> Inches	<u>Sand</u> %	<u>pH</u>	<u>NaCl</u> gr/gal	<u>P.Mud</u>
12-14	7 A	576	73	96	5.8	2/32	2	10.3		
12-15	10 A	1100	77	45	6.2	2/32	2	8.8	150	
12-16	11 A	1808	81	95	8.4	2/32	9	8.0	150	
12-18	7 A	2500	71-1/2	60	8.4	3/32	3.5	7.6	60	
12-19	1 P	2600	71-1/2	58	9.6	2/32	4	7.4	53	
12-20	10 A	1355	82	63	10.2	2/32	4	7.4	58	
12-21	9 A	1730	83	64	10.4	3/32	4.5	7.5	58	
12-22	10 A	2120	74	45	10.2	3/32	4.5	7.7	200	
12-25	12 M	2700	73	44	9.5	3/32	1.5	9.6	300	
12-26	1 P		75	52	9.0	3/32	3	9.4	300	<u>T-8 Mud</u>
12-28	3 A	3170	70	41	50.0	4/32	-	5.0	88	8.8
12-28	8 A	3170	69	60	20.0	3/32	2	5.0	83	8.9
12-28	8 P	3600	72	46	16.2	3/32	4	12.8	64	9.0
12-29	10 A	4020	74	60	25.0	4/32	3.5	12.4	70	8.3
12-29	11 A	4020	73-1/2	58	12.6	3/32	3.5	12.4	70	8.3
12-30	1 A	4225	76	60	13.0	3/32	3.75	12.2	70	7.2
12-30	1 P	4330	76-1/2	70	14.0	3/32	4	12.4	82	7.0
12-31	1 P	4900	80	65	14.0	3/32	3.5	11.3	64	7.5
<u>1957</u>										
1-1	8 A	5078	79	55	14.0	4/32	2.5	11.8	64	7.0
1-2	1 P	5700	82-1/2	85	16.0	4/32	2	12.0	82	7.2
1-2	3 P	5700	76-1/2	48	13.0	3/32	1.5	12.0	70	6.4
1-3	3 P	5974	79-	50	16.0	4/32	4	12.1	64	6.4
1-4	11 A	6300	79	55	12.0	3/32	3.5	12.2	76	7.6
1-5	10 A	6635	80	55	9.8	3/32	4.5	12.2	70	8.4
1-6	10 A	6800	30	55	9.8	4/32	3.5	12.2	58	6.5
1-7	10 A	6960	80	55	9.6	4/32	4.5	12.1	53	6.8
1-8	10 A	7110	80	58	9.4	3/32	3.5	12.2	64	7.0
1-9	10 A	7320	81-1/2	55	9.5	3/32	3.5	12.2	70	7.5
1-10	10 A	7452	81-1/2	52	9.4	3/32	3.5	12.2	62	7.0
1-11	10 A	7616	81	58	9.0	3/32	3.5	12.2	58	7.0
1-12	9 A	7636	80-1/2	52	9.8	4/32	3.5	12.2	76	7.3
1-13	9 A	7795	80	52	9.4	3/32	3.5	12.2	76	7.3
1-15	11 A	7971	82	58	6.2	2/32	3	12.1	76	7.8
1-16	11 A	8035	81	52	6.8	2/32	3.5	12.0	76	8.2
1-17	11 A	3135	81-1/2	43	6.8	2/32	3.75	12.1	58	9.0
1-18	3 P	8265	81	43	6.2	2/32	3.5	12.1	76	8.2
1-19	1 P	8383	81	42	6.1	2/32	3.5	12.0	58	7.6
1-20	7 A	8513	81-1/2	46	6.2	2/32	3.5	12.0	70	8.1
1-21	5 P	8611	81	46	5.8	2/32	2.75	12.4	58	7.8
1-22	9 A	8705	81-1/2	46	6.1	2/32	.5	11.9	64	9.0
1-23	9 A	8805	80-1/2	46	5.4	2/32	1.5	11.8	58	8.0
1-24	9 A	8922	81-1/2	49	4.6	2/32	1.75	12.0	82	8.0
1-25	8 A	9030	81-1/2	46	5.0	2/32	2.0	12.0	70	9.2

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*et al*

Porter Sesnon, (Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., Tenants in Common)  
"Sesnon Fee" No. 8

March 22, 1957

Hole Deviation from the Vertical

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
200'	1° 50'	7008'	0° 45'
376'	0° 00'	7110'	0° 30'
575'	0° 15'	7235'	NG
776'	0° 00'	7310'	1° 00'
900'	0° 10'	7452'	1° 00'
1055'	1° 00'	7570'	1° 05'
1255'	0° 30'	7633'	0° 50'
1450'	0° 45'	7725'	0° 45'
1650'	0° 00'	7795'	0° 30'
1850'	0° 30'	7840'	0° 30'
2050'	0° 45'	7930'	0° 45'
2250'	0° 50'	8020'	1° 00'
2325'	0° 50'	8102'	1° 00'
2525'	1° 05'	8193'	1° 00'
2616'	1° 10'	8383'	1° 00'
2750'	1° 05'	8480'	0° 45'
2950'	1° 30'	8580'	1° 00'
3068'	1° 40'	8668'	1° 00'
3249'	1° 30'	8770'	0° 30'
3400'	1° 00'	8820'	1° 30'
3600'	1° 00'	8922'	1° 30'
3752'	1° 00'	8974'	NG
3950'	1° 15'	9085'	2° 45'
4050'	2° 00'	9252'	2° 20'
4150'	1° 50'	9260'	2° 20'
4245'	2° 00'	9272'	2° 20'
4345'	1° 00'	9312'	2° 00'
4445'	1° 15'	9370'	2° 00'
4545'	1° 10'	9430'	2° 00'
4630'	0° 50'	9688'	NG
4830'	0° 45'		
5030'	1° 10'		
5105'	1° 30'		
5225'	1° 10'		
5290'	0° 30'		
5500'	1° 00'		
5700'	1° 30'		
5869'	NG		
5900'	1° 30'		
6100'	1° 10'		
6300'	1° 15'		
6458'	1° 15'		
6603'	1° 20'		
6708'	1° 30'		
6820'	1° 10'		
6910'	1° 00'		

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

**Report on Test of Water Shut-off**  
(FORMATION TESTER)

No. T 157-280

Mr. William T Sesnon Jr  
707 N Maple Drive  
Beverly Hills California  
Agent for PORTER SESNON ET AL

Los Angeles 15 Calif.  
February 27, 1957

DEAR SIR:

Your well No. "Sesnon Fee" 8  
Aliso Canyon Field, in Los Angeles Sec. 33, T. 3 N, R. 16 W, S B B & M. County, was tested for water shut-off on February 15, 1957 Mr. G. Lee, Engineer, designated by the supervisor was present from 6:30 to 7:30 P.M. as prescribed by law; there were also present I. Tinsley, Drilling Foreman, D. Gordon, Superintendent.

Shut-off data: 7 in. 23,26,29 lb. casing was ~~xxx~~ cemented ~~xxxxx~~ at 9403 ft. on February 13, 1957 in 11 in. hole with 440 ~~xxxxxx~~ sacks of cement 440 cu. ft. Sealite, and 17 sacks of Gel

calculated to fill behind casing to 7024 ft. below surface.  
Casing record of well: 13-3/8" cem. 2236'; 7" cem. 9403', four 1/2" test holes 9000', W.S.O.

Present depth 9688 ft. cmt. bridge 9403 ft. to 9354 ft. Cleaned out ~~entire hole~~ to 9354 ft. for test. A Johnston gun and tester was run into the hole on 3-1/2 in. drill pipe ~~with~~ with 900 ft. of water ~~xxx~~ mud cushion, and packer ~~xx~~ set at 8962 ft. with tailpiece to 8981 ft. Tester valve, with 3/4 in. bean, was open for 1 hr. and ~~xxxx~~ min. During this interval there was a light blow for one min., and no blow thereafter.

- Mr. Tinsley reported:
1. A 12 1/4" rotary hole was drilled from 3170' to 3249'; an 11" rotary hole, 3249'-9688'.
  2. The 7" casing was shot-perforated with four 1/2" holes at 9000'.

THE ENGINEER NOTED:

1. When the drill pipe was removed, a net recovery of 30' of drilling fluid was found in the drill pipe above the tester, equivalent to 0.2 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hr.

THE 7" SHUT-OFF AT 9000' IS APPROVED.

GL:OH

H/J  
cc Porter Sesnon, et al  
2 Pine Street  
SAN FRANCISCO 11 California

Easton & Sacre  
1716 Oak Street  
Bakersfield California

E. H. MUSSER  
State Oil and Gas Supervisor

By *R. W. Hallberg* Deputy

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 157-51

Mr. William T Sesnon, Jr  
707 North Maple Drive  
Beverly Hills, California  
Agent for PORTER SESNON ET AL

Los Angeles 15 Calif.  
January 9, 1957

DEAR SIR:

Operations at your well No. "Sesnon Fee" 8, Sec. 33, T. 3 N, R. 16 W, S B B & M.  
Aliso Canyon Field, in Los Angeles County, were witnessed  
on Dec. 27, 1956. Mr. M. Dosch, Engineer, representative of the supervisor was present  
from 10:00 to 10:30 a.m. There were also present I. Tinsley, Drilling Foreman,  
A. L. Grace, Driller.  
Present condition of well: 13-3/8" cem. 2236'. T.D. 3170'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. Tinsley reported:

1. An 18-5/8" rotary hole was drilled from the surface to 2236'.
2. On December 23, 1956, 13-3/8", 54 lb. and 61 lb. casing was cemented at 2236' with 1087 sacks of cement mixed with 1593 cu. ft. Sealite and 43 sacks of Gel.
3. On December 23, 1956, 106 sacks of cement was pumped into the hole through 2" tubing, 100' in the annulus of the 18-5/8" hole and 13-3/8" casing, filling to the surface.
4. A 12 1/4" rotary hole was drilled from 2236' to 3170'.

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 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.

MD:OH

cc Easton & Sacre

Porter Sesnon, et al  
2 Pine Street  
San Francisco 11 California

E. H. MUSSER  
State Oil and Gas Supervisor

By *R. M. Mallory* Deputy

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**  
**REPORT ON PROPOSED OPERATIONS**

No. P 156-1697

Mr. William T Sesnon Jr  
707 North Maple Drive  
Beverly Hills California  
Agent for PORTER SESNON ET AL

Los Angeles 15 Calif.  
December 10 1956

DEAR SIR:

Your \_\_\_\_\_ proposal to \_\_\_\_\_ drill \_\_\_\_\_ Well No. "Sesnon Fee" 8

Section 33, T. 3 N., R. 16 W., S. B B. & M., Aliso Canyon Field, Los Angeles County,

dated Nov. 30 1956, received Dec. 5 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 \_\_\_\_\_ acres, is as follows:  
refer to attached plat

Do mineral and surface leases coincide? Yes X No \_\_\_\_\_

Location of Well: 650 feet South along section line and 150 feet East at right angles to said line from the Northwest corner of section 33 or, 3794.33 feet South and 7347.88 feet West from Station 84.

Elevation of ground above sea level 2180 feet mat datum.

All depth measurements taken from top of Kelly bushing which is to be submitted later."

**PROPOSAL**

**"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' - 1500'	Note: Cementing depths to depend on lost circulation zone.
7"	23# 26# 29#	N-80 Smls.	Surface	9425' / 9425' /	

Intended zone or zones of completion: Sesnon Zone / 9140' to / 9425'  
(Name) (Depth, top and bottom)

Estimated total depth Well may be prospected below 9425' to a maximum depth of 12,500', or may be bottomed at 9425' depending upon hole conditions encountered.

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 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  
Easton & Sacre

E. H. MUSSER, State Oil and Gas Supervisor

By R. W. Walling, Deputy  
FEK

DEC 5 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

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037-00654

San Francisco Calif. November 30, 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. "Sesnon Fee" No. 8, Sec. 33, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon Field, Los Angeles County.

MAP	MAP BOOK	CARDS	BOND	FORMS
				121

R. 16W, S.B. B. & M., Aliso Canyon Field, Los Angeles County.

Legal description of mineral right lease, consisting of \_\_\_\_\_ acres, is as follows: refer to attached plat

Do mineral and surface leases coincide? Yes  No \_\_\_\_\_ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 650 feet South along section line and 150 feet East at right angles to said line from the Northwest corner of section 33 or, 3794.33 feet south and 7347.88 feet west from station 84.

Elevation of ground above sea level 2180 feet mat datum. All depth measurements taken from top of Kelly bushing which is / 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' - 1500'	Note: Cementing depth to depend on lost circulation zone.
7"	23# 26# 29#	N-80 Smls.	Surface	9425' ±	9425' ±

Intended zone or zones of completion: Sesnon Zone ± 9140' to ± 9425'

Estimated total depth Well may be prospected below 9425' to a maximum depth of 12,500', or may be bottomed at ± 9425' depending upon hole conditions encountered.

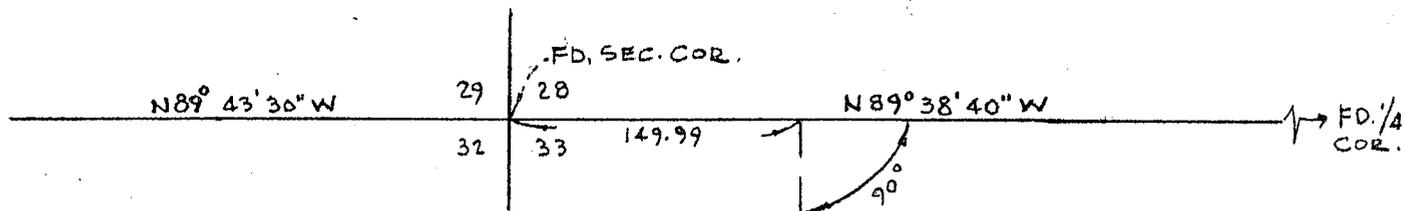
Note: Please forward copies of all notices to Easton & Sacre, Engineers 1716 Oak Street Bakersfield, California

It is understood that if changes in this plan become necessary we are to notify you before running casing. 2 Pine Street. Address San Francisco 11, California T. Sesnon Jr., Tenants in Common

Telephone Number EXbrook 2-3238

By: Porter Sesnon

Type of Organization (Corporation, Partnership, Individual, etc.)



BASIS OF BEARINGS  
T.W.A.O. CO FILE P.O. 58W

BASIS OF COORDINATES  
STA. 84 ALISO CANYON LINE

650.05  
N 0° 21' 20" E



PROPOSED OIL WELL  
LOCATION  
(SESSION FEE #8)  
COORDINATES { 3194.33 South  
7347.88 West } OF STA. 84  
GROUND EL. = 2180 ±

PROPOSED OIL WELL  
LOCATION

IN SEC. 33, T. 3N., R. 16W.  
S.B.M.  
IN LOS ANGELES COUNTY,  
CALIFORNIA  
SCALE 1"=100'      NOV. 1956  
Frank R. Wood L.S. 2608