

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

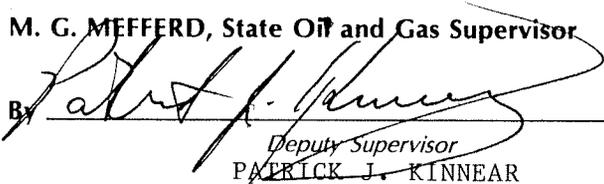
TO

"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 WALTER J. CAGLE (HRS) Co.  
 LSE & NO SFZU 511  
 MAP 251

	(1)	(2)	(3)	( )	( )	( )
INTENTION	DRILL	ACTR CSG	ACTR CSG & CONVERT TO AIR STORAGE	Reamed Gas Storage	Reamed	
NOTICE DATED	10-20-52	6-26-58	4-28-76	12-16-77	5-1-91	
P-REPORT NUMBER	152-1397	158-515	276-132	278-9	291-112	
CHECKED BY/DATE						
MAP LETTER DATED		N/C	7-17-76			
SYMBOL	⊙		⊙		N/C	
	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED
NOTICE	11-5-52	6-30-58	5-4-76	12-30-77		
HISTORY	3-2-53	8-29-58	7-2-76	3-3-78	9-18-91	
SUMMARY	3-2-53					
IES/ELECTRIC LOG						
DIRECTIONAL SURV						
CORE/SWS DESCRIP	3-2-53					
OTHER			NL 6-28-76 CB ✓		GAMMA ACQUISITION 9/14/91	
RECORDS COMPLETE					BL	

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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

DIVISION OF OIL AND GAS  
RECORD DIVISION

SEP 18 1991

VENTURA, CALIFORNIA

**History of Oil or Gas Well**

Operator Southern California Gas Company Field Aliso Canyon County Los Angeles  
Well Sesnon Fee #1 SF2U SF-1 Sec. 33, T 3N, R 16W S. B. & M.  
A.P.I. No. 037-00647 Name R. D. Phillips Title Agent  
Date July 23, 19 91 (Person submitting report) (President, Secretary or Agent)

Signature 

J. B. Lane for R. D. Phillips

P. O. Box 3429 Terminal Annex, Los Angeles, CA 90051 (213) 689-3925  
(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	
<u>1991</u>	
5-24	Moved rig and subbase to Sesnon Fee #1. Started rigging up.
5-28	Finished rigging up. Removed xmas tree. Installed 6" BOPE. Tested choke manifold, blind, and pipe rams to 4000 psi, hydril bag to 2000 psi. Test waived by Steve Fields from D.O.G.
5-29	Backed out donut studs. Turned and worked tubing in attempt to release from packer. Could not release from packer.
5-30	Attempted to unlatch from packer. Rigged up wireline. Ran in to retrieve plug at 9041'. Attempted to latch onto plug. Pulled out of well. Had rubber in pulling tool. Reran and pulled plug. Ran string shot and free point. Shot did not fire. Reran shot and backed off tubing at NoGo at 9041'. Loaded out loggers.
5-31	Pulled out 287 joints of 2-3/8" tubing. Laid down production equipment. Made up overshot with washover shoe and tools. Picked up kelly. Started picking up 2-3/8" drill pipe.
6-1	Finished picking up 2-3/8" drill pipe to 9041'. Circulated over fish. Latched on fish at 9041'. Jarred and worked pipe attempting to release from packer. Overshot slipped off fish. Circulated bottoms up.
6-3	Pulled out of well. Found 3-1/16" grapple broken in 4-3/8" overshot. Left one third of grapple in well. Made up one joint of 2-3/8" tubing with x-over and 2-3/8" safety joint on drill pipe. Ran in well and attempted to screw into No-Go nipple at 9035'. Circulated and worked pipe. Could not screw in.

- 6-4 Pulled out of well. Pin was bad on bottom 2-7/8" tubing joint. Made up 4-3/8" overshot x 3-1/16" grapple and ran in well. Jarred and worked latch for 3-1/2 hours. Jar stopped working. Released overshot from fish.
- 6-5 Pulled out of well. Mill shoe was bent in. Sent shoe in to be recut and remade. Made up mill shoe #2 and tools. Ran in well.
- 6-6 Finished running in. Milled packer down 17". Backscuttled well clean. Pulled out of well. Laid down mill shoe. Made up overshot. Started running in well.
- 6-7 Finished running in well. Latched onto fish at 9041'. Jarred packer loose. Pulled out of well. Recovered packer and seals, blast joints, and Nogo nipple. Broke down tools and loaded out. Made up 4-5/8" bit and 5-1/2", 20# casing scraper.
- 6-8 Finished running in to 9069' with bit and casing scraper. Pulled out of well. Made up 4-1/8" bit and 5" casing scraper. Ran in well to 9075'. Stacked out on top of packer. Pulled 10 stands.
- 6-10 Pulled out of well. Made up Baker Model "C" bridge plug without top cup. Ran in and set bridge plug at 7700'. Released from bridge plug. Pulled to kill string.
- 6-11 Pulled kill string. Lifted BOPE. Removed tubing head and seal flange. Installed spool. Rigged up casing jacks. Set spear in 5-1/2" casing. Removed slips and packing. Reset BOPE. Attempted to jack casing out of packer at 250,000 lbs. Could not jack casing out of packer.
- 6-12 Ran in well to 7700'. Retrieved bridge plug. Pulled out of well. Rigged up wireline. Ran 4-1/16" chemical cutter for 5-1/2" casing. Tool stopped at 1878'. Unable to work through. Pulled out of well. Made feeler run. Stopped at 1878'. Pulled out of well. Rigged down wireline. Slips for 5-1/2" casing were bad. Relanded pipe. Released spear and jacks.
- 6-13 Made up mechanical cutter for 5-1/2" casing. Ran in and made cut in 5-1/2" at 9062'. Pulled out of well. Picked up spear and began pulling 5-1/2" casing. Laid down 5 joints of 5-1/2" K-55 LT&C.
- 6-14 Laid down and loaded out 5-1/2" casing: 44 joints LT&C, 146 joints Hydril triple seal, 26 joints Hydril super flush, 216 joints total. Loaded out tongs and jacks.
- 6-15 Changed pipe rams to 2-3/8". Made up string mill 4-3/4" x 3-1/2". Ran in well. Dressed top of 20# 5-1/2" casing. Milled free and dropped down 1'. Circulated bottoms up. Pulled out of well.

- 6-17 Left two 3-3/8" drill collars and x-over sub in well. Made up overshot for 3-3/8". Ran in and latched onto fish at 9007'. Pulled out of well to kill string.
- 6-18 Pulled kill string. Recovered fish. Made up spear, two 4-3/4" drill collars, jars, and bumper sub. Ran in and set spear in 5-1/2" casing. Jarred seals out of packer. Pulled out of well. Laid down 1.66' of 5-1/2" casing and packer seals. Made up packer milling tool and started running in well.
- 6-19 Ran in well with packer retrieving tool. Latched into packer. Milled packer down 14". Mill stopped cutting. Released tool from packer. Started out of well.
- 6-20 Pulled out of well. Changed mill shoe. Ran in shoe #2. Milled on packer. Packer came loose. Started out of well. Worked through collars.
- 6-21 Pulled out of well. Recovered packer. Laid down packer and all fishing tools. Made up 6" bit and 7" casing scraper. Ran to top of liner at 9110'. Pulled to kill string.
- 6-23 Pulled out of well. Made up Howco RTTS tool. Ran in and set at 1900'. Tested 7" casing with 1000 psi for 40 minutes (o.k.). Released packer. Pulled out of well. Made up 4-1/2" bit and scraper below 6 stands of 2-3/8" tubing. Ran in to 9385'. Unable to drill out. Circulated well clean.
- 6-24 Pulled out of well with bit and scraper. Rigged up loggers and ran Gamma/Neutron/CCL log. Found total depth to be 9390'. Decided to drop off bottom 10' of perforating guns. Waited on reloaded guns.
- 6-25 Ran tubing conveyed guns with firing head, bar vent and RTTS packer. Rigged up loggers. Tried to run GAMMA/NEUTRON/CCL log to position guns on depth with formation. Logging tool would not pass through tool joints of 2-3/8" drillpipe. Rigged down loggers. Tagged bottom with guns and picked up 2'. Set RTTS packer. Rigged up 2" iron and flow head. Pressure tested lines, iron and flow head to 2500 psi. Tested packer and liner lap to 300 psi. Dropped bar and fired guns in 4 minutes. Perforated 4-1/2" HPF from 9388' to 9360' and 9350' to 9300. Fluid level rose 1950' in one hour. Unset packer and circulated three drillpipe volumes. Pulled packer and guns above liner top and shut well in.
- 6-26 Pulled out of hole with packer and tubing conveyed perforating guns. Ran in hole with 4-1/8" bit and 5" scraper. Tagged bottom at 9390' with no fill. Circulated bottoms up and pulled up to kill string.

- 6-27 Pulled out of hole with kill string. Made up and ran in hole with pin point injection packer with 3' spacing. Ran in and tagged bottom. Picked up 30' to find blank section of pipe between perforation intervals. Rigged up Halliburton. Pressure tested surface lines and connections to 4000 psi. Unsuccessfully attempted to find blank pipe with packer. Installed back flow valve in drill string and ran back to bottom.
- 6-28 Tested Halliburton surface lines and steel hoses to 4200 psi. Solvent washed perforations from 9390' - 9300'. Using pin point injection packer with 3' spacing, injected perforations with 60 gallons/foot while keeping annular preventer closed and monitoring backside pressures.
- 6-29 Unset packer and solvent started flowing to surface. Circulated one tubing volume and ran packer to bottom. Using 2% KCL water, circulated liner volume and pulled up to liner top. Circulated entire hole volume to remove all solvent from wellbore. Pulled out of well.
- 7-1 Made up Otis 5" packer on wireline. Ran in well and located bottom. Pulled packer out of well to run jewelry below it. Rigged down wireline.
- 7-2 Rigged up wireline. Made up Otis packer equipment. Ran in well and set packer at 9348'. Pulled out and rigged down wireline. Made up Otis 5" hydraulic packer equipment with 6 joints 2-3/8" CS Hydril tubing. Started running in well.
- 7-3 Finished running in well and set 5" packer at 9159' with 3500 psi. Pulled out of well. Made up test seals. Ran in well. Located and latched into packer. Pulled 20,000 lbs. over on latch. Set 10,000 lbs. down on packer. Tested to 1000 psi. Lost 75 psi in 20 minutes. Released from packer.
- 7-5 Pulled out of well. Laid down test seals. Made up Baker 6" Bridge plug. Ran in and set plug at 9130'. Tested liner lap with 1000 psi for 55 minutes. No bleed off. Release Bridge plug, pulled to kill string.
- 7-6 Pulled kill string, laid down bridge plug. Made up new Otis test seals with ball seat. Ran in and latched into packer. Pulled 20,000 lbs. over on latch. Set 10,000 lbs. on packer. Tested for 1 hour with 1100 psi (ok). Released from packer. Started out of well.
- 7-8 Pulled out of well. Rigged up wireline. Made up Guiberson G-1 packer for 7" casing. Ran in well. Set packer at 9094'. Loaded out wireline. Made up test seals. Ran in and located packer. Tested with 1000 psi for one hour (o.k.). Released from packer. Pulled out and started laying down drill pipe.

- 7-9 Laid down 2-3/8" drill pipe, 3-3/8" drill collars, 4-3/4" drill collars and kelly.
- 7-10 Changed pipe rams to 5-1/2". Rigged up casing tongs, Hydrotest and torque monitoring equipment. Made up Guiberson seals with latch. Picked up and ran 5-1/2" K-55 Hydril triple seal casing. Ran a total of 125 joints.
- 7-11 Finished running 5-1/2" K-55 Hydril triple seal (226 joints total, including one 8' cut off joint). Pumped 100 Bbls. of clean double inhibited 2% KCL water. Loaded out tools.
- 7-12 Set bridge plug at 50'. Re-cap of 5-1/2" casing in well: Seals, pup joint, 38 joints 17# weight, 187 joints and one 7.73' cut off section of 20# weight. Latched packer. Pulled 20,000 lbs. over weight. Set 8000 lbs. on packer. Tested seals with 1000 psi for 20 minutes (o.k.). Removed BOPE. Landed 5-1/2" with 150,000 lbs. weight on slips. Cut 5-1/2" casing off. Installed seal flange, tubing head and BOPE. Tested seal flange to 5000 psi (o.k.). Top of seal in tubing head failed test at 4800 psi.
- 7-13 Removed tubing head. Removed seal. Reinstalled tubing head and BOPE. Tested seal flange and tubing head seal to 5000 psi. Reinstalled BOPE and tested to 1000 psi. Removed bridge plug.
- 7-15 Rigged up and ran production equipment as follows: Seals and latch, 2 joints of 2-3/8" CS Hydril, X nipple 2-3/8" CS, one joint CS Hydril tubing, x-over 2-3/8" CS pin x 2-3/8" 8RD box, then 2-3/8" 8RD tubing and 6 gas lift mandrels to surface. Tested all connections to 5000 psi. Ran in to 9020'.
- 7-16 Changed over to new inhibited 2% KCL water using 190 Bbls. Latched into packer. Pulled 20,000 lbs. over weight. Landed 10,000 lbs. on packer, 33,000 lbs. on donut. Removed BOPE. Installed xmas tree. Tested tree to 5000 psi. Released rig at 4:00 p.m.

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

No. P291- 182  
Field Code 010  
Area Code 00  
New Pool Code 30  
Old Pool Code 30

PERMIT TO CONDUCT WELL OPERATIONS

GAS STORAGE

R.D. Phillips, Agent  
Southern Calif. Gas Company  
810 S. Flower St.  
Los Angeles, CA. 90017

Ventura, California  
May 20, 1991

Your \_\_\_\_\_ proposal to rework well "SFZU" SF-1  
A.P.I. No. 037-00647, Section 33, T. 3 N, R. 16W, S.B. B.&M.,  
Aliso Canyon field, any area, Sesnon-Frew pool,  
Los Angeles County, dated 5/1/91, received 5/3/91, 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 III 3M 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. Wire line operations are conducted through at least a 3M lubricator.
4. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
5. THIS DIVISION SHALL BE NOTIFIED:
  - a. To inspect the installed blowout prevention equipment before commencing downhole operations.

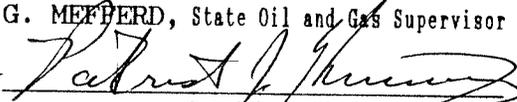
NOTE: PLEASE FILE NOTICES USING CORRECT WELL DESIGNATIONS.

Blanket Bond  
SF:ljj

Engineer Steve Fields

Phone (805) 654-4761

M.G. MEYERD, State Oil and Gas Supervisor

By   
Patrick J. Kinnear  
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations. Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111

DIVISION OF OIL AND GAS  
RECEIVED  
MAY 3 1991  
VENTURA CALIFORNIA

**Notice of Intention to Rework Well**

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD 114	OGD 121
BB	✓	✓

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention

to rework well "DJ30" SF - Sesnon Fee #1, API No. 037-00647  
(Well designation)

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:

- Total depth 9506'
- Complete casing record, including plugs and perforations (present hole)
  - 0' - 1059' 13-3/8" 54.5# line pipe
  - 0' - 6318' 7" 23# N-80
  - 8370' 26# N-80
  - 9234' 29# N-80
  - 9144' WSO
  - 0' - 9091' 5-1/2" 20# innerstring
  - 9111' - 9506' 5" 18# liner; perforated intervals 9234'-9350' and 9356'-9398'.
- Present producing zone name Sesnon; Zone in which well is to be recompleted \_\_\_\_\_
- Present zone pressure 2400 psig; New zone pressure \_\_\_\_\_
- Last produced Gas Storage (Date) \_\_\_\_\_ (Oil, B/D) \_\_\_\_\_ (Water, B/D) \_\_\_\_\_ (Gas, Mcf/D)
- (or)  
Last injected \_\_\_\_\_ (Date) \_\_\_\_\_ (Water, B/D) \_\_\_\_\_ (Gas, Mcf/D) \_\_\_\_\_ (Surface pressure, psig)
- Is this a critical well according to the definition on the reverse side of this form?  (Yes)  (No)

The proposed work is as follows:

- Move in, rig up, kill well, install and test BOPE.
- Pull tubing, mill production packer and clean out well.
- Reperforate intervals 9360'-9398' and 9300'-9350' with four 1/2" holes per foot.
- Isolate zones, stimulate and test well.
- Install packers and production tubing string.
- Remove BOPE, install wellhead and return well to service.

Note: If well is to be redrilled, show proposed new bottom-hole coordinates and true vertical depth.

**It is understood that if changes in this plan become necessary, we are to notify you immediately.**

Address P. O. Box 3249 Terminal Annex  
(Street)  
Los Angeles, California 90051  
(City) (State) (Zip)

Telephone Number (213) 689-3925

Southern California Gas Company  
(Name of Operator)  
By J. B. Lane for R. D. Phillips  
(Name - Printed)  
[Signature] 5/1/91  
(Name - Signature) (Date)

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

DIVISION OF OIL AND GAS

MAR 3 1978

History of Oil or Gas Well

SANTA PAULA, CALIFORNIA

OPERATOR SOUTHERN CALIFORNIA GAS COMPANY FIELD Aliso Canyon

Well No. SESNON FEE #1, Sec. 33, T. 3N, R. 16W, S.B. B. & M.  
API No. 037-00647

Date February 17, 1978 Signed P. S. Magruder, Jr.

P.O. Box 3849, Terminal Annex, Los Angeles 90051 Title Agent  
(Address) (213) 689-3561 (Telephone Number) (President, Secretary or Agent)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

1977

- 12-23 Pulled plug from mandrel at 9016'. Killed well with 350 barrels of 68# cu.ft. polymer drilling fluid.
- 12-27 Started moving California Production Service Rig #D-6 from Porter #42 to Sesnon Fee #1. Suspended operations due to mechanical failure and inclement weather.
- 12-28 Rig shut down - equipment failure - replacing main drive engine.
- 12-29 Finished moving rig to location and rigged up.
- 12-30 Circulated well. Installed back-pressure valve. Removed Christmas tree and installed B.O.P.E. Tested B.O.P.E. with water and nitrogen, as follows:
- Blind rams at 4000 psi for 20 minutes  
Pipe rams " 4000 psi for 20 "  
Hydril bag " 3000 psi for 20 "
- Above tests all O.K. Tests witnessed by D.O.G.  
Pulled back-pressure valve from tubing hanger. Released Baker anchor seal assembly from packer and circulated well.

12-31 Pulled tubing and equipment out of well. Made up Baker "DR" plug on 2 3/8" tubing and set in Baker Retrieva-"D" packer at 9100'. Started out of hole.

1978

- 1-1 Rig and crew idle.
- 1-2 Public Holiday - Rig and crew idle.
- 1-3 Finished pulling tubing out of well. Removed 6" B.O.P.E. Removed tubing head and intermediate string seal flange. Unlanded intermediate string. Installed 8" B.O.P.E.

- 1-4 Pulled 5 1/2" 17# innerstring out of well. Ran 7" 23# Baker plug to 55' and set. Attempted to pressure test B.O.P.E. - Baker plug leaked. Pulled Baker plug out of well.
- 1-5 Set Baker bridge plug at 15' and pressure tested B.O.P.E. with water and nitrogen, as follows:
- |            |             |                |
|------------|-------------|----------------|
| Hydril bag | at 3000 psi | for 20 minutes |
| Pipe rams  | " 4000 psi  | " 20 "         |
| Blind rams | " 4000 psi  | " 20 "         |
- Above tests all O.K. Witnessed and approved by D.O.G.  
Made up Baker retrieving tool for "DR" plug and released plug.
- 1-6 Attempted to recover "DR" plug with Baker retrieving tool but could not attach to plug. Pulled retrieving tool out of well. Made up Midway Fishing tools, overshot and bumper sub. Ran tools to Baker "DR" plug and released plug. Started out of well.
- 1-7 Finished pulling out of well with Baker "DR" plug. Made up Baker retrieving tool for 7" Retrieva-"D" packer on jars, bumper sub and one drill collar. Released Baker Retrieva-"D" packer and pulled out of well. Made up 7" Robinson casing scraper on 2 3/8" tubing and started in well.
- 1-8 Rig and crew idle.
- 1-9 Pulled out of well with 7" scraper. Ran Baker bridge plug and located leak 1378'-1383'. Breakdown 20 cu.ft. per minute at 100 psi. Set full bore retrievable retainer at 1250'. Breakdown 1/2 cu.ft. per minute at 1500 psi. Mixed 25 sacks of neat "G" cement and pumped 5 cu.ft. of cement into holes before reaching 1500 psi. Backscuttled excess cement out of tubing. Pulled retrievable retainer out of well. Closed blind rams and pressured casing to 1500 psi.
- 1-10 Cleaned out to 1390' with 6" bit and 7" casing scraper. Pressure tested to 1500 psi for 15 minutes - O.K. Released retrievable bridge plug and re-set at 2076'. Pressure tested to 1500 psi for 15 minutes. Released retrievable bridge plug and set at 9105'. Pressure tested to 1500 psi for 15 minutes. Released retrievable bridge plug and pulled out of well. Started in well with 4 1/8" bit and scraper.
- 1-11 Cleaned out fill with 4 1/8" bit and 5" scraper from 9380' to 9398'. Ran Baker 7" Model "F" packer on "GO" Wireline and set packer at 9091'. Made up Baker locator seal assembly on 5 1/2" Hydril super flush joint casing and started in well hydrotesting to 5000 psi for one minute.
- 1-12 Continued running 5 1/2" innerstring. Spotted 90 barrels of 68#/cu.ft.

inhibited brine-polymer drilling fluid behind 5 1/2" casing. Landed 5 1/2" with 50,000# on packer and balance on slips.

- 1-13 Set Baker 5 1/2" retrievable bridge plug at 15'. Removed B.O.P.E. Installed slips in innerstring head and cut off excess 5 1/2" casing above head. Installed and pressure tested 10" x 5 1/2" x 5000 psi seal flange and 10" x 8" x 5000 psi tubing head. Installed 6" x 5000 psi B.O.P.E. and tested with water, as follows:

Hydril bag at 3000 psi for 20 minutes - O.K.  
 Pipe rams " 4000 psi " 20 " - O.K.  
 Blind rams " 4000 psi " 20 " - O.K.

- 1-14 Tested with nitrogen, as follows:

Hydril bag at 3000 psi for 20 minutes - O.K.  
 Pipe rams " 4000 psi " 20 " - O.K.  
 Blind rams " 4000 psi " 20 " - O.K.

Pulled Baker 5 1/2" retrievable bridge plug. Started in well with open-end 2 3/8" tubing to break off and change out tubing collars. Picked up 53rd stand after making it up into the 52nd stand and started in well when tubing below 53rd stand fell off, dropping 3270' of 2 3/8" tubing into well. Laid down all but 2000' of 2 3/8" tubing to inspect same.

- 1-15 Rig and crew idle.

- 1-16 Finished laying down 2 3/8" tubing and hauled to inspection rack. Hauled in 7000' of 2 7/8" EUE 8rd tubing. Made up Midway fishing tools 4 1/2" x 3 1/4" overshot on 2 7/8" tubing and started in well.

- 1-17 Attached overshot to fish. Pulled tubing and recovered entire fish . . . 104 joints of 2 3/8" tubing. Ran 2 7/8" tubing into well and started laying tubing down.

- 1-18 Finished laying down 2 7/8" tubing. Ran 5 1/2" Baker Model "F" packer on McCullough electric line and set at 9056'. Made up Baker production tube, latch-type seal assembly, Camco 10' blast joint, Baker 1.56" NO-GO nipple, Camco 20' blast joint, Hydrotested to 5000 psi for one minute. Ran 2 3/8" tubing, changing tubing collars, cleaning pins, applying Baker seal and Hydrotesting to 5000 psi for one minute.

- 1-19 Continued running 2 3/8" tubing in well, changing tubing collars, cleaning pins, applying Baker seal and Hydrotesting to 5000 psi.

- 1-20 Landed and spaced out Baker latch-type seal assembly in packer. Pulled 25,000# over tubing weight (42,000# + 25,000# = 67,000#) to check latch. Landed tubing hanger with 6000# set-down weight on packer. Installed back-pressure valve in hanger and removed B.O.P.E. Installed Christmas tree and pressure tested tree to 5000 psi. Displaced 68# polymer drilling fluid with lease salt water. Ran Baker 1.56" standing valve on Archer-Reed wireline and pressure tested packer and seals at 2000 psi. Pulled standing valve out of well.

RIG RELEASED at 10:00 P.M. (1-20-78)

DIVISION OF OIL AND GAS

Report on Operations

No. T 278-41

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

Santa Paula, Calif.  
Jan. 30, 1978

DEAR SIR:

Operations at well No. "SFZU" SF-1, API No. 037-0067, Sec. 33, T. 3N, R. 16W,  
S.B. B & M. Aliso Canyon Field, in Los Angeles County, were witnessed  
on 1/5/78, Mr. P.R. Wyle, representative of the supervisor was  
present from 1600 to 1700. There were also present R. Bradbury, foreman

Present condition of well: No additions to the casing record since proposal dated 12/16/77.

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

DECISION:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

b

M. G. MEFFERD

JOHN P. MATTHEWS, JR.

State Oil and Gas Supervisor

By

John L. Hardoin

Deputy

## REPORT ON PROPOSED OPERATIONS

Santa Paula, California

January 9, 1978

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

Your proposal to rework gas storage well "SFZU" SF-1  
(Name and number)  
A.P.I. No. 037-00647 Section 33 T 3N R 16W  
S.B. B. & M. Aliso Canyon field Los Angeles County  
dated 12/16/77 received 12/30/77 has been examined in conjunction  
with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED THAT:**

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Constant surveillance of the volume and physical properties of hole fluid shall be maintained by the crew with the assistance of a monitoring system of at least a DOG Class III, 5M.
3. THIS DIVISION SHALL BE NOTIFIED TO WITNESS A PRESSURE TEST OF THE BLOWOUT PREVENTION EQUIPMENT BEFORE COMMENCING DOWNHOLE OPERATIONS.

Blanket Bond  
HMD:r

M. G. NEFFERD

State Oil and Gas Supervisor

By

*John L. Hardoin*  
Deputy Supervisor

John L. Hardoin

RECEIVED  
DEC 30 1977

DIVISION OF OIL AND GAS

Notice of Intention to Rework Well

SANTA PAULA, CALIFORNIA

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FOR DIVISION USE ONLY		
BOND	FORMS	
	114	121
BB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3. Public Resources Code, notice is hereby given that it is our intention to rework well No. SESNON FEE #1, API No. 037-00647, Sec. 3N, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- Total depth. 9056'
- Complete casing record, including plugs and perforations:
  - 13 3/8" cemented 1059'
  - 7" cemented 9234'
  - 393' 5" cemented 9504' - cement plug 9406'  
perforated from 9234' to 9398'
  - 5 1/2" landed at 2007' with lead seal

- Present producing zone name SESNON Zone in which well is to be recompleted -
- Present zone pressure 3600 psi New zone pressure -
- Last produced Gas Storage Well  
(Date) (Oil, B/D) (Water, B/D) (Gas, Mcf/D)  
or
- Last injected (Date) (Water, B/D) (Gas, Mcf) (Surface pressure, psig.)

The proposed work is as follows:

- Move in and rig up. Killed well. Install B.O.P.E. and pressure test.
- Pull tubing. Pull 5 1/2" innerstring. Recover packer.
- Seal leak at 1378' - 1383' with cement.
- Set packer near 9100' and run 5 1/2" innerstring to 9100'.
- Set packer and run 2 3/8" tubing with down-hole safety system.
- Return well to gas storage operations.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P.O.Box 3249, Terminal Annex  
(Street)  
Los Angeles California 90051  
(City) (State) (Zip)  
Telephone Number (213) 689-3561

SOUTHERN CALIFORNIA GAS COMPANY  
(Name of Operator)  
By P.S. Magruder, Jr.  
(Name) (Date) 12-16-77  
Type of Organization \_\_\_\_\_  
(Corporation, Partnership, Individual, etc.)

JUL 2 1976

## DIVISION OF OIL AND GAS

## History of Oil or Gas Well

SANTA PAULA, CALIFORNIA

OPERATOR SOUTHERN CALIFORNIA GAS COMPANY FIELD Aliso CanyonWell No. SESNON-FEE #1, Sec. 33, T. 3N, R. 16W, S.B. B. & M.Date May 29, 1976Signed P. S. Magruder, Jr.P. O. Box 3249, Terminal Annex  
Los Angeles, California 90051Title Agent(Address) (213) 689-3561 (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	Description
4-29-76	Moved in CPS Rig D3 and rigged up. Rigged lines to circulate well.
5-01-76	Released packer and pulled out of hole. Ran Baker retrievable plug 20' and set it. Tested B.O.P.E. with nitrogen and water. Pulled retrievable bridge plug. Ran 6" bit and Robison casing scraper to 9111'. Started out of hole and shut down.
5-02-76	Rig idle.
5-03-76	Finished pulling out of hole with 6" bit and 7" casing scraper. Ran 4-1/8" bit and 5" casing scraper to 9400', circulated hole. Pulled out of hole except for 20 stands.
5-04-76	Pulled tubing out of hole. Rigged up Schlumberger and ran TDT, Cement bond, Neutron and Gamma Ray logs. Ran 20 stands. Shut down.
5-05-76	Ran 5" 18# Baker Model "B" Lok-Set bridge plug to 9250'. Pulled ran back to 8000' with Baker 7" fullbore tool. Tested below tool to 1500 psi for 20 minutes, O.K. Tested annulus 2000 psi for 20 minutes, O.K. Pulled tool up to 5500', set it and tested casing at 2500 psi for 20 minutes, O.K. Pulled tool up to 4500', set it and tested casing at 3000 psi for 20 minutes, O.K. Shut down for the night.
5-06-76	Pulled packer to 3000', set and pumped away at 3200 psi. (Pressure dropped to 100 psi). Tested for hole in casing and found it between 1378' - 1383'. Opened surface casing valve and pumped down 7" 26 cu.ft./minute 750 psi, no returns. Pulled Baker fullbore out of hole, ran to 1450' with Baker Model "C" retrievable plug, set it, and spotted 2 sacks of sand on it. Pulled out and took off Baker retrieving tool; ran back to 1350' with open ended tubing. Pumped 20 cu.ft. of fresh water ahead of 300 sacks of Class "G" Neat cement with 3% calcium chloride. (345 cu.ft.) Displaced the slurry to 1350' at which time injection pressure reached 500 psi. Pressure bleed off in 15 minutes to 0. Pulled 3 stands of tubing and shut well in for night.

- 5-07-76 Ran tubing to 1410' - no cement in casing. Pumped away at 1100 psi. Pulled tubing back to 1350'. Pumped 25 cu.ft. of fresh water ahead of 50 sacks Neat "G" cement with 10% Cal-Seal (64 cu.ft. slurry), followed by 5-1/2 cu. ft. of fresh water. Spotted the cement and stage cemented to 1200 psi. Pulled out of hole and waited on cement to set up. Ran back and drilled out cement. Pressure tested to 1200 psi for 20 minutes, O.K. Pulled 2 stands and shut down for night.
- 5-08-76 Pulled out of hole and made up Baker retrievable tool. Ran to top of packer at 1440'. Circulated out of hole and retrieved 7" Model "C" plug. Made up retrieving tool for 5", 18# Baker Model "B" Lok-Set plug. Ran to 9250', released plug and retrieved it. Ran 20 stands in hole and shut well in.
- 5-09-76 Idle.
- 5-10-76 Pulled out of hole. Rigged up McCullough Services. Ran 3-1/8" Omega jet gun and perforated 9386' - 9392' with first gun. Ran second gun and perforated from 9360' - 9380' and stuck gun. Pulled out of rope socket and came out of hole without gun. Made up Midway fishing tool assembly (3-3/4" O.D. X 2-1/4" overshot 3-1/8" O.D. bumper sub, jars and six 3-1/8" drill collars) and ran to top of liner at 9111'. Shut down for night.
- 5-11-76 Ran fishing assembly to top of fish (9374'), worked it down hole to 9385' and pulled out, recovered gun. Made up 4 1/8" bit on Robinson 5" 18# casing scraper. Ran to top of fill at 9395' and cleaned out to 9406'.
- 5-12-76 Using McCullough 3 1/8" Omega jet gun, finished shooting intervals not opened on 5-11-76. Intervals shot after completing the job are:
- |               |           |
|---------------|-----------|
| 9234' - 9306' | . . . 62' |
| 9315' - 9325' | . . . 10' |
| 9330' - 9350' | . . . 20' |
| 9356' - 9380' | . . . 24' |
| 9386' - 9392' | . . . 6'  |
- Ran 20 stands in hole and shut down.
- 5-13-76 Made up bit on 5" 18# Robinson casing scraper and cleaned hole out to 9406'. Pulled out of hole and ran Size 47B-2 Baker Retrieva-"D" packer on McCullough Service electric line and set it at 9100'. Ran Size 80-32 Baker "DR" Plug to 9100' and latched in into the Retrieva "D" packer. Started out of hole and shut down.
- 5-14-76 Pulled tubing out of hole. Removed B.O.P.E. Using Midway Fishing tools, spear and Alco casing jacks, unlanded 7" casing string. (220,000) Cut off old 13 3/8" wellhead and welded in new 13 3/8" X 5000 psi wellhead. Covered with asbestos blankets and shut down for the night.

- 5-15-76 X-rayed 13 3/8" X 5000 psi wellhead (tested O.K.). Relanded 7" casing string with 215000#. Installed 13 3/8" X 10" X 5000 psi seal flange and 10" X 10" X 5000 psi casing adapter. Tested at 4000 psi (O.K.). Installed B.O.P. stack. Ran 7" Baker Retrievable bridge plug 30' and tested at 2000 psi (O.K.). Pulled Retrievable bridge plug and tested 7" casing at 1000 psi (O.K.). Shut down.
- 5-16-76 Rig idle.
- 5-17-76 Ran Burns 5 1/2" 17# X 7" 23# lead seal hookwall packer on 2001' of 5 1/2" 17# K-5 LT&C casing and set at 2007' with 34000# weight. Tested the Burns packer down the 5 1/2" casing to 1000 psi (tested O.K.). Un-flanged the B.O.P.E., left 15,000# on the packer and installed casing slips. Cut off excess 5 1/2" casing. Installed 10" 5000# seal flange and 10" 5000# X 6 5/16" 5000# tubing hanger - tested to 4000 psi (O.K.). Installed B.O.P.E. Ran Baker 5 1/2" 17# Model "C" retrievable plug - tested to 3000 psi - leaked off 500 psi in ten minutes. Pulled plug and found it was dressed wrong (20#-23# cups). Shut down for the night.
- 5-18-76 Made B.O.P.E. test to 3000 psi - O.K. Ran to 9100' with Baker retrieving tool and pulled DR plug while laying down 2 7/8" tubing.
- 5-19-76 Finished laying down 2 7/8" tubing. Made up 10' Camco. Blast joint on their "D" Nipple with a Camco. 20' blast joint to test before going in the hole. Would not hold pressure. Broke off the 20' blast joint and found bad threads on both the blast joint and nipple. Ran 2000' of 2 3/8" tubing in hole and shut down while getting another nipple.
- 5-20-76 Started in hole with Baker production tube, anchor seal assembly, Camco 10' blast joint, Baker 1.56" Model R. nipple, Camco 20' blast joint, Camco KP-5 safety valve and Camco gas lift mandrels; breaking out all tubing collars, Baker sealing the new ones; and hydrotesting to 5000 psi for one minute each connection.
- 5-21-76 Ran Baker seal assembly to 9100' with Camco KP-5 safety valve mandrel to 9057' and Camco gas lift mandrels to (9014' - 5/16" - 890#; 8309' - 1/4" - 900#; 7198 - 1/4" - 910#; 5991' - 1/4" - 920#; 4691' - 1/4" - 940#; 3313' - 1/4" - 960#; 1715' - 1/4" - 980#); latched into Baker Retrieva "D" packer, spaced out with 3000# setdown weight. Pulled up 15,000# over weight of tubing to check latch. Installed tree, tested doughnut seal extension to 4000 psi - O.K.; 6" 5000# API flange to 4000 psi - O.K., and tree to 4000 psi - O.K.
- 5-22-76 Circulated drilling fluid out with lease waste salt water. Rig idle, waiting for tubing plug for 1.56" No-Go nipple.
- 5-23-76 Rig idle.

History of Well - Sesnon Fee No. 1  
Aliso Canyon

PAGE 4

5-24-76 Preparing to test packer.

5-25-76 Rigged up Otis to run Baker standing valve to test packer - tested to 2000 psi for 20 minutes - O.K.

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 276-132

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

Santa Paula, Calif.  
May 6, 1976

DEAR SIR:

(037-00647)

Your proposal to alter casing Well No. "SF20" SF-1  
Section 33 T. 3N R. 16W S.B.B. & M. Aliso Canyon Field, Los Angeles County,  
dated 4/28/76, received 5/4/76, 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.
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. The operator shall submit proof to the Division that the complete BOPE system was pressure tested for 15 minutes without loss.

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

Blanket Bond  
LB:b

*BOPE tested before notice rec'd.  
Test was waived - therefore, asked for proof of test.  
Pressure test of BOPE would have normally  
been required.*

*L.S.B.*

*Subscribed Agent*

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

By *Wm J. Unsworth* Chief, Deputy

DIVISION OF OIL AND GAS  
RECEIVED  
MAY 4 1976  
SANTA BARBARA, CALIFORNIA

**DIVISION OF OIL AND GAS**  
**Notice of Intention to Rework Well**

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

FOR DIVISION USE ONLY		
BOND	FORMS	
	114	121
<i>BB</i>	✓	✓

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well No. Sesnon Fee #1, API No. \_\_\_\_\_, 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:

- Total depth. 9506'
- Complete casing record, including plugs and perforations:
  - 13-3/8" cemented 1059'
  - 7" cemented 9234', WSO 9144'
  - 3 4/8" 5" squeezed with 100 sacks
  - 5" cemented 9504', WSO on lap at 9111'
  - plugged with cement 9406'
  - perforated 9398'-9392', 9386'-9380', 9330'-9325', and 9315'-9306'

- Present producing zone name Sesnon Zone in which well is to be recompleted \_\_\_\_\_
- Present zone pressure 2400 psi New zone pressure \_\_\_\_\_
- Last produced Shut In (Convert to gas storage well)  
 (Date) (Oil, B/D) (Water, B/D) (Gas, Mcf/D)  
 or  
 Last injected \_\_\_\_\_  
 (Date) (Water, B/D) (Gas, Mcf) (Surface pressure, psig.)

The proposed work is as follows:

- Move in rig, kill well, install B.O.P.E. and test with water and nitrogen to 2500 psi
- Pull tubing. Run bit and scraper and clean out to 9111' and to 9406'.
- Run Neutron Lifetime and cement bond logs. Perform any remedial work indicated.
- Install new wellheads. Pressure test 7" casing. Perform any remedial work indicated. Perforate additional Sesnon Zone sands.
- Run packer and tubing with safety valve and gas lift valves.

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P.O. Box 3249 Terminal Annex  
 (Street)  
Los Angeles, California 90051  
 (City) (State) (Zip)  
 Telephone Number (213) 689-3561

Southern California Gas Company  
 (Name of Operator)  
 By P.S. Magruder, Jr. 4-28-76  
 (Name) (Date)  
 Type of Organization Corporation  
 (Corporation, Partnership, Individual, etc.)

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

REPORT OF PROPERTY AND WELL TRANSFER

Field or County **Aliso Canyon** District **1**  
Former Owner: **Porter Sesnon, Et Al** Date **Sept. 25, 1968**  
Description of Property **Sec. 32,33,34, T. 3 N., R. 16 W., S. B. B. & M.**

List of Wells

Sec. 32:  
"Sesnon Fee" 4 (037-00650) \*  
" 6 (037-00652)

Sec. 33:  
"Sesnon Fee" 1 (037-00647)  
" 2 (037-00648)  
" 3 (037-00649)  
" 5 (037-00651)  
" 7 (037-00653)  
" 8 (037-00654)

Sec. 34:  
"Porter Fee" 1 (037-00644)  
" 2 (037-00645)  
" 3 (037-00646)

Date of Transfer **August 1, 1968**  
New Owner: **GETTY OIL COMPANY, OPERATOR**  
Address: **3450 Wilshire Boulevard, Room 720**  
**Los Angeles, California 90005**  
Telephone No. **381-7151**

Type of Organization **Corporation**  
Reported by: **Porter Sesnon (letter of 7-31-68) \***  
Confirmed by: **C. G. Nelson For Getty Oil Co. (letter of 8-26-68)**  
New Operator New Status **PA**, Old Operator New Status **PA**  
Request Designation of Agent **No**

Remarks:

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

*Wm. C. Bailey*  
Deputy Supervisor

	INITIALS	DATE	
Form 121			<p style="text-align: center;"><b>LEGEND</b></p> <p>PA—Producing Active</p> <p>NPA—Non Potential Active</p> <p>PI—Potential Inactive</p> <p>NPI—Non Potential Inactive</p> <p>Ab—Abandoned or No More Wells</p>
New Well Cards			
Well Records			
Electric Logs			
Production Reports			
Map and Book			
Form 148			
Notice to be cancelled			
Bond status			

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)

Old Designation	New Designation
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

DIVISION OF OIL AND GAS

AUG 29 1958

LOS ANGELES, CALIFORNIA

History of Oil or Gas Well

Porter Sesnon, <sup>et al</sup> Barbara Sesnon Cartan,  
OPERATOR Wm. T. Sesnon Jr., Tenants in FIELD Aliso Canyon  
Common.)

Well No. "Sesnon Fee" #1, Sec. 33, T. 3-N, R. 16-W, S. B. B. & M.

Signed *L. P. Sacre*

Date August 19, 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.

- Date 1958
- July 10 Drilling & Production Co., contractors, rigged up and started killing well with cold lease crude at 4:00 p.m. Used Oil Well Cementing Co.'s pump truck until 11:30 p.m. circulating down annulus and up tubing with maximum pressure of 1800 p.s.i.
  - July 11 Finished circulating with rig pump to kill well and circulated out gas. Well dead at 9:30 a.m. Removed x-mas tree and installed b.o.p.e. consisting of double Shaffer gates (manual) and Hydril C.K. with accumulator. Tested b.o.p.e.
  - July 12 Pulled 297 joints of 2-7/8" o.d. E. U. tubing.
  - July 13 Measured in with 4-3/4" bit on 26' of 4" drill collar. Circulated at 8984' and then drilled out 9501' to 9503'. Shoe of liner checked at 9501'. Ran McGill opposed swab washer and up-washed perforations three times, blanked off at 9240', top of liner at 9207'. Circulated on bottom after washing. Washed 3 hours and circulated 2 hours.
  - July 14 Pulled out and made up liner pulling tools. Pulled 5-1/2" liner. Ran Hunt hydraulic liner puller on 185 joints (5962.56' of Varco 2-7/8" N-30 drill tubing and 107 joints (3192.25') 2-7/8" Hughes extra hole drill pipe. Set 7" casing slips at 9156' (51' above top of liner, 78' above 7" shoe). Liner slips were set at 9211', 4' below top of liner. Cutter was hanging at 9361'. Pulled 20,000 lbs. with rig and set hydraulic puller. Pulled 180,000 lbs. with puller which placed a total pull of 200,000 lbs. on liner. The liner gradually came free at 10:35 a.m. Pulled and laid down liner. Recovered 7 joints of 5-1/2" liner including shoe. All laid down at 10:15 p.m.
  - July 15 Ran 6-1/8" bit to shoe of 7" casing and circulated oil. Mixed and conditioned mud, cleaned out to 9503' and started displacing oil with mud. Pumped 200 barrels and raised bit to 8975' and pumped in 200 barrels more mud.
  - July 16 Reamed from 9235' to 9437' then equalized and conditioned mud. Mud weight 70 to 70-1/2 lbs., 50 secs. visc., 4.2 c.c./30 minutes water loss, pH = 9.8. While changing from oil to mud the hole washed out 3'. New Total Depth 9506'. Ran B-W Nu-coil scratchers over 30' intervals (clamped on drill tubing). Reciprocated scratchers over 30' interval and circulated for 3-1/2 hours. Hung drill pipe on bottom and circulated for an additional 1-1/2 hours.

DIVISION OF OIL AND GAS

AUG 29 1958

History of Oil or Gas Well

Porter Sesnon, <sup>etal</sup> Barbara Sesnon Cartan, LOS ANGELES, CALIFORNIA  
OPERATOR Wm. T. Sesnon Jr., Tenants in FIELD Aliso Canyon  
(Common)

Well No. "Sesnon Fee" #1, Sec. 33, T. 3-N, R. 16-W, S.B. B. & M.

Signed *L.P. Sacre*

Date August 19, 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.

Date 1958

July 16 Mud weight 70-1/2#, 50 secs. visc., 4.8 c.c./30 min. W. L., pH = 8.5

(Cont'd) July 17 Ran Schlumberger electric log, micro log and hole caliper from 9237' to 9506'

5" Liner. Measured in 392.85' of 5" o.d., 17.93#, new, range 2, J & L, Flush Joint Ventura Thread, blank liner fitted with 5 B-W VRC gravel pack type centralizers and 15 B\*W multiflex reciprocating type scratchers; Baker whirler float shoe on bottom and Baker float collar 34.33' above shoe. Checked bottom at 9506' and reciprocated liner over 30' interval for 35 minutes. Hung liner at 9504'. Top of Burns liner hanger and adapter grooved for cementing at 9111.15'. Top of Baker float collar at 9469.67' with double down swab at 9131'. (Burns 5" liner plug on bottom of down swab cementing tool). Pumped 115 sacks of Colton hi-temp. cement mixed with 115 c.f. Sealite and 5 sacks gel to 90# slurry. Inserted Burns rubber drill pipe plug and pumped 20 c.f. water followed by 256 c.f. mud. (4 cf. over theoretical) and drill pipe plug released 5" liner plug under 1800 p.s.i. pressure. Pumped in an additional 36 c.f. (2 c.f. over theoretical) and liner plug bumped on float collar at 9470' under 1200 p.s.i. pressure at 4:11 p.m. Checked float collar twice but had bleed back. Total displacement = 312 c.f. Oil Well Cementing equipment used. Pulled up to 9035' and back scuttled and obtained substantial cement returns. Back scuttled total of 400 c.f. of fluid. Pulled out of hole. Stood cemented.

July 18 Stood cemented.

July 19 Commenced tour at 4:00 p.m. Measured in 6-1/8" bit with 7" casing scraper to above and cleaned out soft cement 9040'-9078' and firm cement 9078'- July 20 9112.56' Top of liner (vs. 9111.15' measurements of 7-17-58). Interval incl. 9078'-9112' took 3 pts. of weight while drilling out. Ran 3-3/4" bit with 5" casing scraper above and cleaned out easily to 9470', top of Baker float collar. Heavy slurry 9436'-9470'. Drilled up rubber plug and checked baffle at 9470'. While pulling out of hole and changing slips in spider and slip assembly to handle stinger of 2-3/8" tubing slips dropped in hole. (Slips wedged between tubing and casing).

July 21 Fished one half of slip assembly out. Screwed into tubing with B-R bumper sub. Bumped on fish in an attempt to free slip. While bumping on tubing, lifting nipple jumped out of threads on Varco tool joint. Entire fish dropped down hole. Fish included 340' of 2-3/8" tubing,

DIVISION OF OIL AND GAS

AUG 29 1958

LOS ANGELES, CALIFORNIA

*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" #1, Sec. 33, T. 3-N, R. 16-W, S.B. B & M.

Signed \_\_\_\_\_

Date August 19, 1958

Title \_\_\_\_\_

(President, Secretary or Agent)

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1958

- July 21 (Cont'd) 5" casing scraper, and 3-3/4" bit. Ran in with open end tubing. Found top of fish at 1400'. Screwed into fish. Pulled up to the landing flange. Found slip on top of casing scraper. Ran in on out side of tubing with bent sucker rod with hook on the end and pulled slip out.
- July 22 Ran in with 3-3/4" bit, drill collar and 5" casing scraper. Closed Shaffer rams around 2-7/8" tubing. Applied 1200# pressure for 30 min. with no loss of pressure. Ran to 9470'. (top of baffle collar) Equalized mud column.  
5" Liner Lap Test. Ran Johnston hydraulic tester on 5959.98' of 2-7/8" Varco drill tubing and 3108.45' of 2-7/8" Hughes extra hole drill pipe. Tools over all = 36.50', back scuttling valve = 5.42'. Set packer in 7" casing at 9091' with perforated tail to 9108'. (4' above top of liner). Ran 480' of water cushion. Opened valve at 4:45 p.m. for one hour test. Had light blow to dead in 1-1/4 minutes and remained dead balance of test. Ran one T type and one E type pressure recorders. Recovered 10' net rise of heavy mud. Charts showed 4300# hydrostatic pressure. E recorder registered 200# flow pressure. T recorder registered 268# flow pressure. Final hydrostatic pressure = 4300#. Tool functioned properly and liner lap tested O. K.
- July 23 Ran 3-3/4" bit to 9470' and changed from mud to lease crude oil. Ran Schlumberger gamma-neutron log with collar locator. Ran Schlumberger 2-1/8" o.d. jet capsule gun through lubricator and perforated 5" casing from 9450'-9454' (e-log measurements) with four holes per foot.
- July 24 Ran collar locator in an attempt to record perforations. Only top perforations were indicated. Ran 2-7/8" tubing with Lane-Wells 7" x 29#, B. O. C. L. packer. Set packer at 9083.99'. Removed b.o.p.e. and installed x-mas tree. Swabbed from maximum depth of 6732'. Could not lower fluid level below 6000'.
- July 25 Swabbed from 6732'. Fluid level 6000'. Stood 1 hour from 6:45-7:45 a.m. and fluid remained at 6000'. Fluid consisted of 98% salt water. Had small follow-up of gas on swabbing runs. Swabbed a total of 133 barrels fluid in 15-1/2 hours from 4:30 p.m. 7-24-58 to 8:00 a.m. 7-25-58. Removed x-mas tree and installed b.o.p.e. Pulled packer loose and pulled tubing. Ran Lane-Wells junk pusher and magnetic perforation locator. Could not run below 9451'. Located collars. Pulled out. Bridge Plug at 9443'. Ran Baker wire line casing bridge plug, Product #100 NCS

DIVISION OF OIL AND GAS

AUG 29 1958

LOS ANGELES, CALIFORNIA

History of Oil or Gas Well

Porter Sesnon, <sup>et al</sup> (Barbara Sesnon Cartan,

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

Well No. "Sesnon Fee" #1, Sec. 33, T. 3-N, R. 16-W, S.B. B. & M.

Signed

Date August 19, 1958

Title

(President, Secretary or Agent)

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Date 1958

- July 25 (Cont'd) (21-3/8" long, 3.812" o.d.). Set top of bridge plug at 9440' after checking collars. Pulled out. Installed lubricator and closed hydril GK bag packer around it. Ran 3-5/8" Kone F-2 jet perforator and checked collars. Jet perforated four (approximately 15/32") holes per foot 9424'-9432' (e-log measurements). Ran perforation locator, rechecked collars and plug, recorded perforations 9432'-9424'.
- July 26 Ran 2-7/8" tubing and set in National tubing head rams at surface with Lane-Wells packer set at 9083.99'. Removed b.o.p.e. Installed x-mas tree. Commenced swabbing at 8:00 a.m. Note: Lost approximately 17 barrels of oil to formation after perforating interval 9424'-9432'. Swabbed fluid level to 6000'. At 1:30 p.m. while swabbing at 6732' (F.L. 6000') the lower swab cup doubled over and stuck swab at 6252' pulling sand line in two leaving swab and 1000' of line in tubing. Took off x-mas tree and installed b.o.p.e. Pulled packer loose. Pulled 19 stands of tubing (doubles) and well started flowing foamy oil with very little gas (one streak had 75% cut, balance was oil). Closed Hydril and pumped dead oil in annulus. Killed well.
- July 27 Pulled 6250' of 2-7/8" tubing. Retrieved line and swab. Reran drill tubing and tubing. Set packer at 9082'. Located top of fluid at 67' Commenced swabbing at 7:30 p.m. At 11:00 p.m. Swabbed from 6171'; Fluid was dead oil, no gas.
- July 28 At 1:30 a.m. Swabbed from 6750'; Fluid was mostly water, some gas.  
 " 2:30 a.m. " " 7200'; " " 90% water, no gas.  
 " 6:30 a.m. " " 7480'; " " 95% water, no gas.  
 " 7:00 a.m. " " 7480'; " " " " " "  
 Let stand 7:00-8:00 a.m. FL 6100' at 8:00 a.m. Resumed swabbing. Water with small amount of gas. Swabbed from 7667' and fluid stood at 6967'. Fluid consisted of salt water with trace of oil. Finished swabbing at 5:00 p.m. Swabbed a total of 191 barrels. Equalized tubing. Removed x-mas tree. Unseated packer and pulled tubing.
- July 29 Re-ran 5958.41' Varco drill tubing and 2802.13' Hughes drill pipe with 2-3/8" o.d. tubing tail piece and Halliburton cementing on bottom. Set Halliburton HRC squeeze cementing tool at 9146'. Pumped away 5 c.f. fluid per minute under 3500# pressure. Pumped in 20 c.f. water ahead, followed by 50 sacks hi-temp cement followed with 10 c.f. water. Displaced with 268 c.f. oil. Pressure built up to a maximum of 6000 p.s.i. and held 5600 p.s.i. final pressure.

DIVISION OF OIL AND GAS

AUG 29 1958

History of Oil or Gas Well

Porter Sesnon, <sup>et al</sup> (Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., Tenants in Common)

LOS ANGELES, CALIFORNIA

OPERATOR

Aliso Canyon

Well No. "Sesnon Fee" #1, Sec. 33, T. 3-N, R. 16-W, S. B. B. & M.

Signed

Date August 19, 1958

Title

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1958

- July 29 (Cont'd) Held 3000# pressure on annulus during cementing operation. Cement was in place at 3:00 p.m. Back scuttled 10 sacks cement. Estimated 20 sacks squeezed, 20 sacks left in casing. Pulled out.
- July 30 Ran 3-3/4" bit and 5" Baker casing scraper to 8800'. Suspended operations while relining brakes on hoist. Started circulating at 11:00 p.m.
- July 31 Found top of cement at 9153'. Drilled out firm cement 9153'-9345', less firm to 9370', hard cement 9370'-9406'. Drilling rate = 15'/hr. Finished drilling out cement at 11:00 a.m. Circulated to 2:15 p.m. Pulled out. Ran Lane-Wells 3-5/8" o.d. Koneshot F-4-1 jet gun and after checking collars located bottom at 9406'. Shot four holes per foot from 9392'-9398' (e-log measurements). Ran Magnetic collar and perforation locator and it would not go below 9392'. Unable to log perforations.
- Aug. 1 Ran 2-7/8" o.d. Varco drill tubing and 2-7/8" o.d. E. U. Tubing and set 7" x 29# Lane-Wells B. O. C. L. production packer at 9083'. Removed b.o.p.e. and installed x-mas tree. Started swabbing operations at 1:15 p.m. At 4:00 p.m. fluid level was 4488' and a total of 26 barrels were recovered. At 9:00 p.m. fluid level was 8000'; total of 48 barrels swabbed. The well was allowed to stand for 1 hour and there was no fluid entry.
- Aug. 2 Removed x-mas tree and installed b.o.p.e. Pulled tubing and packer. Ran 3-3/4" bit and 5" Baker casing scraper. Cleaned out sand bridge from 9339' to 9343'. Ran to bottom and circulated 4 hours then pulled out.
- Aug. 3 Ran Lane-Wells 3-1/4" o.d. E gun and it would not go below 9355' after spudding for 1 hour. Ran 3-3/4" bit and cleaned out sand bridges from 9355' to 9406' top of cement plug. Circulated 7 hours and pulled out. Gun Perforated 9380'-9386'. Ran Lane-Wells 3-1/4" o.d. E gun and could not get gun below 9391'. Spudded approximately 1 hour. Shot four 15/32" bullet holes per foot from 9380' to 9386' (e-log measurements). Ran collar locator, and with gun already on with collar locator, it was only possible to record top four feet of perforations.
- Aug. 4 Re-ran tubing and Lane-Wells 7" production packer which was set at 9084' with 1500# weight. Removed b.o.p.e. and installed x-mas tree. Started swabbing operations at 9:00 a.m. Swabbed fluid level to 5000' and let well stand for one hour. There was no fluid entry.

DIVISION OF OIL AND GAS  
RECEIVED

AUG 29 1958

LOS ANGELES, CALIFORNIA

**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" #1, Sec. 33, T. 3-N, R. 16W, S. B. & M.

Signed.....

Date August 19, 1958 Title.....  
(President, Secretary or Agent)

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1958  
Aug. 4  
Cont'd)

Swabbed to 6000' in 200' stages-stood 30 minutes-no entry.  
" " 7000' " " " " " " -slight rise.  
" " 7500' " 100' " " " " one hour-five barrel rise.  
" " 8000' " " " " " " - 20' rise.

Swabbed a total of 62 barrels until midnight.

Aug. 5

Swabbed a total of 15 barrels 12:00 to 8:00 a.m. Let well stand for one hour and had 225' rise of oil cutting 8.0% water and 0.6% sand and mud. There was no visible free water and after last swab run there was a small amount of gas follow-up. Swabbed total of 6 barrels from 8:00 a.m. to 11:55 a.m. Returns cut 3.6% water and 0.2% sand. Filled tubing with oil, removed x-mas tree and installed b.o.p.e. Pulled tubing and packer.

Aug. 6

Ran 3-3/4" bit and cleaned out bridge from 9349' to 9360'. Ran to 9406', top of cement plug, and circulated for 3-1/2 hours. Pulled out and rigged Lane-Wells. Jet perforated intervals 9306'-9315' and 9325'-9330'. Ran Lane-Wells 3-5/8" o.d. Kone shot F-4-1 jet gun and collar locator. Spudded for 1/2 hour from 9380' to 9405'. Recorded perforations 9398' to 9392', 9080' to 9086', and collars to top of liner. Shot four holes per foot 9325' to 9330' (e-log measurements) and from 9315' to 9306' (e-log measurements). Recorded perforations. Re-ran tubing and Lane-Wells 7" B. O. C. L. production packer. Set packer at 9084' removed b.o.p.e. and installed x-mas tree. Started swabbing operations at 10:00 p.m. Fluid Level at 11:00 p.m. 2200'. Fluid oil. Fluid Level at 12:00 midnight at 3534'. Fluid oil.

Aug. 7

1:00 a.m.	F. L.	4650'	Fluid oil.
2:00 a.m.	" "	5766'	" oil, no rise.
3:00 a.m.	" "	6280'	" oil
4:00 a.m.	" "	6780'	" oil.
5:00 a.m.	" "	6200'	" oil and gas.
6:00 a.m.	" "	6200'	" " "
7:00 a.m.	" "	6500'	" oil and gas, 5% water and 2% silt.
8:00 a.m.	" "	6500'	" oil and gas. Slight follow-up of gas.
9:00 a.m.	" "	7250'	" " "
11:00 a.m.	" "	7200'	" " "

12:00 noon. Swabbed from 7800' F. L. 7500'. Oil with a small amount of gas. Had 15' minute oil and gas follow-up at 2:00 p.m. Swabbed 3 barrels per hour from 8000' 25% water. Let well stand for one hour from 4:00 p.m. to 5:00 p.m. and had 1060' rise of fluid level. Removed x-mas tree and installed b.o.p.e.. Pulled tubing and packer.

DIVISION OF OIL AND GAS

AUG 29 1958

History of Oil or Gas Well

Porter Sesnon, <sup>et al</sup> Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., Tenants in

LOS ANGELES, CALIFORNIA  
Aliso Canyon

OPERATOR Common, FIELD

Well No. "Sesnon Fee" #1, Sec. 33, T. 3-N, R. 16-W, S. B. B. & M.

Signed

Date August 19, 1958

Title

(President, Secretary or Agent)

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1958

- Aug. 8 Ran and Hydro-tested 10 jts. (312.52') of 2-3/8" o.d. E. U. tubing, and 291 joints (9006.71') of 2-7/8" o.d. E. U. tubing. Ran into sand bridge at 9355'. Attempted to back scuttle and were unable to remove bridge. Circulated down tubing and washed out bridge and then back scuttled.
- Aug. 9 Circulated to 9402' then pulled up 3 joints and landed tubing at 9319.29' K.B. measurements. Bottom lock pump shoe at 9876.75' and top lock shoe at 8109'. Landed tubing in National rams, removed b.o.p.e. and installed x-mas tree. Contractors crew and equipment released at 8:00 a.m. August 9, 1958.
- Aug. 12 Well stood idle until August 12, 1958 when California Production Service moved in equipment.
- Aug. 13 Ran Pump and rods.
- Aug. 14 Placed well on at 7:00 a.m. Pumped 30 barrels in 3 hours. Well sanded up.
- Aug. 15 Well Idle.
- Aug. 16 Well Idle.
- Aug. 17 Well Idle. Moved in C.P.S. equipment and pulled rods and pump. Started swabbing at 11:00 p.m. Pump found to be plugged with pieces of swab rubber.
- Aug. 18 Swabbed until 12:00 noon. Unable to swab fluid below 5500'. Fluid was oil to with 30% water and mud cut. No gas. Ran pump and rods. Placed screen
- Aug. 19 below pump. Placed well on production at 8:00 p.m.. Well made 98 barrels in
- incl. the first 12 hours ending at 8:00 a.m. 8-19-58. Cuts went from 30%, incl. 4% mud and silt, to 20%, incl. 3% mud and silt.
- Aug. 20 85 barrels gross, 18% cut.
- Aug. 21 62 barrels gross, 9% cut.

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

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

No. P 158-515

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

Inglewood 3 Calif.  
July 1, 1958

DEAR SIR:

Your alter casing proposal to Well No. "Sesnon Fee" 1,  
Section 33, T. 3 N, R. 16 W, S B B. & M., Aliso Canyon Field, Los Angeles County,  
dated June 26, 1958, received June 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:

1. Total depth. 9502'
2. Complete casing record.  
13-3/8" cemented at 1059'  
7" cemented at 9234' W.S.O. at 9144'  
5-1/2" liner hung at 9500'. Top of liner at 9207'.  
Perf'd 80Mx2" slots, 12 rows, 6" centers

3. Current Production	118	20°	45%
(Date)	(Net Oil)	(Gravity)	(Cut) "

PROPOSAL

"The proposed work is as follows:

1. Recover 5-1/2" liner.
2. Run, cement and test liner lap of 5" o.d. blank casing.
3. Perforate selective intervals for production."

DECISION

THE PROPOSAL IS APPROVED.

DER:OH

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

Easton & Sacre  
1716 Oak Street  
Bakersfield California

*Records in on this P. Proposed 5-29-58*

E. H. MUSSER, State Oil and Gas Supervisor

By Wm. C. Bailey, Deputy

JUN 26 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

June 26

58

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" #1

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

Aliso Canyon

Los Angeles

Field, County.

The present condition of the well is as follows:

- 1. Total depth. 9502'
2. Complete casing record.
13-3/8" cemented at 1059'
7" cemented at 9234' W.S.O. at 9144'
5-1/2" liner hung at 9500'. Top of liner at 9207'.
Perf'd 80Mx2" slots, 12 rows, 6" centers

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

Current Production 118 20° 45%
3. XXXXXXXXXXXX (Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- 1. Recover 5-1/2" liner.
2. Run, cement and test liner lap of 5" o.d. blank casing.
3. Perforate selective intervals for production.

Table with columns: MAP, MAP BOOK, CARDS, BOND, FORMS (114, 121). Includes handwritten notes like 'alter casing' and 'not required'.

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

(Name of Operator)

By Easton & Sacre, Engineers

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS MAR 2 1953

LOS ANGELES, CALIFORNIA

WELL SUMMARY REPORT

Operator *et al* Porter Seaton, (Barbara Seaton Cartan, Wm. T. Seaton Jr., Landants-in-common) Field Aline Canyon

Well No. "Seaton Fee" 1 Sec. 33, T. 1 N., R. 16 W., S. B. B. & M.  
Elevation above sea level 2520.05' (nat) feet.  
Location 3310.35' S. & 6369.15' W. from Station 84 All depth measurements taken from top of kelly bushing, which is 16.35 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date February 17, 1953 Signed Porter Seaton  
Benton & Sacra (Engineer) E. K. Parke (Superintendent) Title Tenant in Common (President, Secretary or Agent)

Commenced drilling November 6, 1952 Completed drilling February 1, 1953 Drilling tools rotary

Total depth	Plugged depth	Junk	GEOLOGICAL MARKERS	DEPTH
<u>9502'</u>	<u>No plugs</u>	<u>None</u>	<u>Top of Seaton Zone</u>	<u>9232'</u>

Commenced producing February 4, 1953 (date) Flowing/artificially (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	<u>902</u>	<u>20.0</u>	<u>1.0 mud</u>	<u>Not Measured</u>	<u>580</u>	<u>0</u>
Production <u>2-15-53</u> <u>water only</u>	<u>816</u>	<u>20.0</u>	<u>0.2</u>	<u>350</u>	<u>510</u>	<u>310</u>

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 perforation
<u>13-3/8"</u>	<u>1059'</u>	<u>Surface</u>	<u>54.5#</u>	<u>New</u>	<u>S&amp;Ls.</u>	<u>J-55</u>	<u>18-5/8"</u>	<u>See History</u>	
<u>7"</u>	<u>9234'</u>	<u>Surface</u>	<u>23, 26, 29#</u>	<u>New</u>	<u>S&amp;Ls.</u>	<u>N-80</u>	<u>11"</u>	<u>506</u>	
<u>5-1/2"</u>	<u>9500'</u>	<u>9207'</u>	<u>17#</u>	<u>New</u>	<u>S&amp;Ls.</u>	<u>J-55</u>	<u>8"</u>	<u>"</u>	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
<u>5-1/2"</u>	<u>9236</u> ft.	<u>9500</u> ft.	<u>80 H. x 2" slots</u>	<u>12</u>	<u>6"</u>	<u>6° machine under-cut</u>
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

DIVISION OF OIL AND GAS

Page 1  
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*U. al*  
History of Oil or Gas Well

MAR 2 1953

OPERATOR Porter Sesnon, (Barbara Sesnon Cartan,  
Wm. T. Sesnon, Jr., tenants-in-common) FIELD Aliso Canyon LOS ANGELES, CALIFORNIA

Well No. "Sesnon Fee" 1, Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed Porter Sesnon

Date February 17, 1953 Title Tenant in Common  
(President, Secretary or Agent)

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Date

1952  
11-6

K. L. Kellogg & Sons, contractor, commenced drilling operations at 11:05 P.M. November 6, 1952. Drilled 12-1/4" hole to 50'.

11-7  
to  
11-16  
incl.

Drilled 12-1/4" hole to 741' at which depth approximately 200 bbls. of mud were lost to the formation. While drilling at 963', twisted off just above the bottom tool joint. Top of fish was at 790'. Ran Baash-Ross socket and bumper sub 3 times before recovering fish. Found that all cones from bit were left in hole. Ran Globe junk basket twice but did not recover cones. Ran G.V.K. magnet 3 times and recovered two bearings on final run. Ran Ford Alexander shot at 963', then drilled to 965' with 12-1/4" bit and junk fell in hole. Shot fish at 965', then alternately drilled 12-1/4" hole and ran magnet throughout the interval 965' to 991'. Recovered several large and small pieces of junk, remainder was sidetracked. Mud wt. 72#, vis. 55 seconds.

While drilling at 1003', circulation was lost. Established partial circulation while drilling from 1003' - 1184'. Complete to partial circulation returns were obtained from 1184' - 1375' and full returns were obtained 1375' - 1520'.

Reduced hole from 12-1/4" to 11" at 1520' and drilled to 1984' without loss of mud to the formation. Mud wt. 71 - 72#, viscosity "high". Ran Eastman multiple survey (directional).

11-17

Opened hole to 18-5/8" to 1060'. Ran and cemented at 1059', 28 joints of 13-3/8", 54.5#, Spang seamless, range 3, J-55 casing with 510 sacks of construction cement, 21 sacks of gel, 640 cubic feet of "Sealite" and 100 sacks of construction cement which was used last and which was treated with CaCl2. The "Sealite" - cement - gel mixture weighed 84#/cu. ft. and the neat cement slurry (the last to be mixed) weighed 118#/cu. ft. Mixing time was 62 minutes and displacing time was 35 minutes. Used 1 bottom wooden plug, a 4" x 6' redwood spacer and 1 top rubber plug. Maximum working pressure was 250 psi and plugs bumped under 450 psi. Displaced cement with 910 cu. ft. of mud. Circulation returns were lost when within 30 cu. ft. of complete displacement. Cement returns were just appearing when circulation was lost.

**SUBMIT IN DUPLICATE**  
 STATE OF CALIFORNIA  
 DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

DIVISION OF OIL AND GAS  
 RECEIVED

MAR 2 1953

**History of Oil or Gas Well**

OPERATOR Porter Semon, Barbara Semon Carter,  
Mr. T. Semon Jr., tenants in common Aliso Canyon  
 LOS ANGELES, CALIFORNIA

Well No. "Semon Pool" 1, Sec. 33, T. 3 N., R. 16 W., S. D. B. & M.

Signed Porter Semon

Date February 17, 1953 Title \_\_\_\_\_  
 (President, Secretary or Agent)

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Date

1952

11-18

11-19

11-20

11-21

11-22

11-23

Cementing operations completed at 4:45 P.M. and Oil Well Cementing Company's equipment was used.

Casing Detail: A Baker centralizer was fitted 10' above the Baker guide shoe and a second centralizer was fitted 10' above the pin of the second joint. The ~~first~~ five joints were spot-welded.

With 1-1/2" pipe hanging at 60', pumped in 95 sacks of construction cement treated with CaCl<sub>2</sub> and filled the annulus between 13-3/8" casing and hole to the surface. Landed 13-3/8" casing.

Installed blow-out prevention equipment. Closed drill pipe rams and attempted to make pressure test of blow-out prevention equipment and casing, but pressure could not be maintained and mud was lost to the formation.

Located plug at 1051'.

Ran Johnston Olympic type packer, 13-3/8", and set it at 1047'. Applied 1000 psi pressure to inside of casing and to blow-out prevention equipment for 30 minutes and there was no loss.

Drilled out plug at 1051' and casing shoe at 1059'.

Drilled 11" hole to 3785'. Partial returns were obtained while drilling the intervals 2384' - 2734' and 3583' - 3785'. High clutch broke. 18 hours replacing clutch.

11 hours replacing clutch. Drilled 11" hole to 4097'. Mud wt. 71 - 73<sup>lb</sup>, viscosity 34 - 60 seconds, 5% sol., 8 c.c./30 min., 1/32" cake.

Drilled 11" hole to 5549' at which depth the surline parted while pulling out an open hole survey, leaving 5050' of line and instrument in hole.

Ran spear several times and recovered fish. Installed new pitcher nipple. Ramped tight hole at 4900'. Conditioned mud.

## DIVISION OF OIL AND GAS

## History of Oil or Gas Well

Porter Sesnon, Barbara Sesnon Cartan,  
OPERATOR Wm. T. Sesnon Jr., tenants-in-common FIELD Aliso Canyon

Well No. "Sesnon Fee" 1, Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed Porter Sesnon

Date February 17, 1953 Title \_\_\_\_\_  
(President, Secretary or Agent)

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Date

1952  
11-24  
to  
12-5  
incl.  
12-6  
to  
12-17  
incl.  
12-18  
to  
12-21  
incl.  
12-22  
to  
12-26  
incl.  
12-27  
to  
1-2-53  
incl.

Drilled 11" hole from 5549' - 6536' without incident. Mud 74 - 76#, vis. 50 - 56, sd. 4%, wtr. loss 7.8 - 8.6 c.c./30 min., 2/32" cake. Ran Eastman multiple survey (directional) from 1984' - 6536'. Drilled 11" hole from 6536' - 7829'. At 6950' on December 8, 1952 began adding 20° crude and converted to oil emulsion fluid. Attempted unsuccessfully to set removable whipstock at 7829' but it stopped at 7824'. Drilled from 7829' to 7844'. Ran and oriented due East a whipstock at 7844' and drilled off it with 5-3/4" Smith bit from 7844' - 7859'. Opened hole to 11" using a Zublin differential bit. Drilled 7874' - 7912'. Ran and oriented due East a removable whipstock at 7912' and drilled off it with 5-3/4" Smith K2P bit from 7912' - 7927'. Opened hole to 11" and drilled to 7960'. Mud wt. 72 - 73#, wtr. loss 5.2 cc/30 min.

Drilled 11" hole from 7960' - 8255'. Ran and oriented South 20° East a removable whipstock at 8255'. Drilled off it with 5-3/4" Smith K2P bit from 8255' - 8270'. Opened hole to 11" and drilled to 8277'.

Drilled 11" hole from 8277' - 8772'. Measured out of hole and measurements checked.

Drilled 11" hole from 8772' to 9100'. On December 30, 1952 ran Schlumberger electric log and it recorded from 9100' to 1059'. Ran Schlumberger sidewall sampler and obtained 10 samples. (Refer to Log and Core Record for description). Drilled 11" hole to 9150'.

Reduced hole at 9150' and wire line cored 7-5/8" hole continuously from 9150' - 9175' using Mercury core barrel; conventionally cored 7-5/8" hole continuously from 9175' - 9210'. Mud 72 - 74#, 65 vis., 2.4% sd., 3.2 c.c./30 min., 1/32" wallcake.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Porter Seaton, Barbara Seaton Cartan,  
Wm. T. Seaton Jr., tenants-in-common <sup>EMTD</sup> Aliso Canyon

Well No. "Seaton For" 1, Sec. 33, T. 3 N., R. 16 W., S. 18 & M.

Signed [Signature]

Date February 17, 1953 Title \_\_\_\_\_  
 (President, Secretary or Agent)

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Date  
1953  
1-3

Johnston formation test 9158' - 9210'. Ran Johnston tester with dual sidewall packers on 4-1/2" full hole drill pipe and 85' of 6" drill collars, 935' of water cushion, Sutliff jars, Basm-Boss safety joint, 3/8" beam, 4-1/2" perforated tailpiece including 2 pressure recorders. Set lower packer at 9158' and upper packer at 9152'. Opened valve at 12:30 A.M. Had light steady blow increasing to strong steady blow for balance of test. Gas reached surface in 15 minutes. At 1:30 A.M. started to pull tester and drill pipe parted 17' below table. Found that by an error the drill pipe rams had been closed just before starting out of hole.

1-4

Ran 2 sockets but could not get over the fish. Ran outside cutter and cut drill pipe just above the first tool joint. Ran socket with 4-1/2" slip and pulled drill pipe and tester tools.

Recovered 8270' of fluid or net rise of 7435'. Fluid consisted of the following:

- top 500' gas-cut mud
- next 2960' clean oil
- next 3877' watery, gas-cut mud including water cushion
- next 280' clean oil
- bottom 753' watery, gas-cut mud and sand

The pressure charts showed a hydrostatic pressure of 4575 psi with the following pressures and time intervals.

<u>1st</u>	<u>2-1/4 hrs.</u>	<u>600 psi</u>
<u>next</u>	<u>1-1/4 hrs.</u>	<u>increased from 600 to 1050 psi</u>
<u>next</u>	<u>1/4 hr.</u>	<u>increased from 1050 to 2650 psi</u>
<u>next</u>	<u>1/4 hr.</u>	<u>2650 psi</u>
<u>next</u>	<u>1-3/4 hrs.</u>	<u>3000 psi</u>
<u>next</u>	<u>2-3/4 hrs.</u>	<u>3250 psi</u>
<u>last</u>	<u>1 hr.</u>	<u>3750 psi</u>

Total 9-1/2 hours

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Porter Seeson, Barbara Seeson Cartan,  
Wm. T. Seeson Jr., tenants-in-common FIELD Aliso Canyon

Well No. "Seeson Fee" 1, Sec. 33, T. 3 N., R. 16 W. S. E. B. & M.

Signed Porter Seeson

Date February 17, 1953 Title \_\_\_\_\_  
(President, Secretary or Agent)

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Date  
1953  
1-5  
to  
1-9  
incl.

Reduced hole from 7-5/8" to 6-1/8" at 9210' and cored 9210' - 9230'. Cored 6-1/8" continuously 9230' - 9297'. Conditioned mud to 70#, 60 vis., 3-1/2% sd., 4.4 c.c./30 mins., 1/32" cake. On January 8, 1953 ran Schlumberger electric log and it recorded from 9297' to 9100'. Cored 6-1/8" hole to 9330'. Conditioned mud.

1-10

Johnston formation test 9234' - 9330'. Ran Johnston tester with dual sidewall packers on 97 stands 4-1/2" full hole drill pipe and 63' of 4-3/4" drill collars. Set lower packer at 9234' and upper packer at 9225', 3/8" bean, Sutliff jars, Baash-Ross safety joint, left hand joint below bottom packer, 900' water cushion. Valve open for 1-1/2 hours beginning at 1:25 A.M. Had strong steady blow for 40 minutes, then medium strong to heading blow for balance of test. Gas reached the surface in 7 minutes. Recovered net rise of 6450' of which top 6356' was clean gassy oil and bottom 94' was mud. The 20th, 29th, 66th, 83rd and 92nd stands blew out. No free water was recovered.

Pressure chart (top) recorded hydrostatic pressure of 5000 psi and initial pressure of 1700 psi which steadily increased to 2500 psi by end of test.

1-11  
to  
1-16  
incl.

Circulated and conditioned mud to 72#, 60 seconds viscosity, 2.8 cc/30 min. water loss, 2/32" wall cake. Opened hole to 11" from 9150' to 9225'. Opened 6-1/8" hole to 7-5/8" from 9225' to 9330'. Cored 7-5/8" hole continuously from 9330' to 9430'. On January 16, 1953 ran Schlumberger electric log and it recorded from 9434' to 9297'. Making up and running Johnston tester.

1-17

Johnston formation test 9329' - 9430'. Finished running Johnston tester with dual sidewall packers on 4-1/2" drill pipe and 63' of 4-3/4" O.D. drill collars, Sutliff jars, Baash-Ross safety joint, left hand joint below bottom packer, 3/8" bean, 880' of water cushion. Valve was open 2 hours 20 minutes beginning at 12:35 A.M. Had medium to strong steady blow and gas reached the surface in 20 minutes. The water cushion unloaded in 5 minutes and the well flowed clean oil for 1 hour 10 minutes at 1500 b/d rate. After closing valve the oil unloaded from the drill pipe for 1 hour and while pulling the drill pipe oil unloaded about 6 times.

SUBMIT IN DUPLICATE  
STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Forster Seamon, Barbara Seamon Cartan,  
Wm. T. Seamon Jr., tenants-in-common

Aliso Canyon

OPERATOR

FIELD

Well No. "Seamon Fee" 1, Sec. 33, T. 3 N., R. 16 W., S. 11, B. & M.

Signed

February 17, 1953

Date

Title

(President, Secretary or Agent)

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Date

1-15

No water was recovered. Pressure recorders showed that pressure dropped to 2500 psi when tool was opened, then increased to 3300 psi during flow period.

1-18

Measured in hole and corrected measurements from 9430' to 9433'.

to

Cored 7-5/8" hole continuously from 9433' to 9500', total depth, which was reached at 6:00 P.M., January 19, 1953.

1-20

incl. Ran Schlumberger electric and micro logs and directional survey. Schlumberger checked bottom at 9502'. Corrected measurements from 9500' to 9502'.

1-21

Johnston formation test 9430' - 9502'. Ran Johnston tester with dual sidewall packers on 4-1/2" drill pipe, 12' of 3-1/2" drill pipe and 63' of 4-1/4" O.D. drill collars, Hassin-Ross safety joint, Sutliff jars, left hand joint below bottom packer, 3/8" bean, 900' of water cushion, bottom hole shut-in bean. Valve was open 1 hour 40 minutes beginning at 12:34 A.M. Had medium to strong steady blow and gas reached the surface in 10 minutes and the water cushion surfaced in 50 minutes and unloaded in 5 minutes. Flowed clean oil for 45 minutes at 1440 b/d rate. Oil unloaded from the drill pipe for 2 hours after closing valve.

Opened hole to 11" from 9225' to 9234'. Conditioned mud. Rigged up to run 7" casing. Laying down 4-1/2" drill pipe.

1-22

Finished laying down drill pipe. Commenced running 7" casing at 12:30 P.M.

1-23

Cemented 230 joints of 7", range 3, (29#, 26#, 23#) 3-10, Spang casing at 9234' with 506 sacks of Victor hi-temp cement mixed to 110% slurry. Displaced cement with 2034 cu. ft. (30 cu. ft. excess) of mud in 50 minutes and top rubber plug bumped under 650 psi. Working pressure was 450 - 500 psi. Cement was in place at 2:10 A.M. Had full circulation returns throughout entire operation. By Oil Well Cementing Company, 2 power wagons used.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator Porter Sannon, Barbara Sannon Certan, Wm. T. Sannon Jr., tenants-in-common Photo Aliso Canyon

Well No. "Sannon Fee" 1, Sec. 33, T. 3 N., R. 16 W., S. 1 B. & M.

Signed Porter Sannon

Date February 17, 1953 Title \_\_\_\_\_  
 (President, Secretary or Agent)

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Date  
1953

7" Casing Detail: Baker float shoe and float collar on bottom joint. Baker centralizers at 10', 56' and 108' above casing shoe. 3 Weatherford stretchers fitted at equal intervals over bottom 2 joints.

Bottom:	22 joints,	863.11',	29# N-80
Next	51 joints,	2052.48',	26# N-80
Top	157 joints,	6318.41',	23# N-80
Total	230 joints,	9234.00'	

Landed 7" casing. Removed blow-out prevention equipment and installed National ran-type tubing head.

1-24 Stood cemented. Installed blow-out prevention equipment. Commenced making up 3-1/2" drill pipe.

1-25 Finished making up 3-1/2" drill pipe. Measured in with 6-1/8" Globe bit and broke circulation at 6500' and located top of plug at 8726' and drilled out plug and cement to 8835'. Conditioning cement-out mud.

1-26 Drilled out cement to 9203'. Conditioned mud. Repaired mud manifold and drilling motors.

1-27 Applied 1000 psi pressure on casing and blow-out prevention equipment for 15 minutes and pressure was maintained without loss. Pulled out of hole.

Water Shut-Off Test Of 7" Casing - Satisfactory. Ben Johnston combination gun and tester on 3-1/2" Reed Internal Flush drill pipe and 30' of 4-3/4" O.D. drill collars, 900' of water cushion, Bess-Ross safety joint, Suttiff jars, 3/8" bean. Shot 7" casing at 9144' with four 1/2" holes. Set packer at 9116' and tailpiece extended to 9131'. Valve opened at 12:10 P.M. for 65 minutes. Had steady blow for 10 minutes, no action next 10 minutes, medium steady blow next 20 minutes, no action next 25 minutes. Gas reached the surface in 20 minutes. Recovered net rise of 3480' of which the top 3180' consisted of gassy oil, the next 180' was thin, oily, gassy drilling fluid, and the bottom 120' was medium weight gassy drilling fluid.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Porter Seeson, (Barbara Seeson Carter,  
Wm. T. Seeson Jr., tenants-in-common)

Aliso Canyon

OPERATOR \_\_\_\_\_ FIELD \_\_\_\_\_

Well No. "Seeson Fee" 1, Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed *Porter Seeson*

Date February 17, 1953 Title \_\_\_\_\_  
(President, Secretary or Agent)

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Date

1953

Pressure charts recorded 750 psi which increased to 1700 psi in first 10 minutes, then dropped to 1100 psi, then re-built to 1700 psi by end of test. Test was witnessed and approved by P. W. Betts, Division of Oil and Gas representative. Made up and running in with Halliburton removable cementing tool.

1-28

With cementing tool set at 9030' applied 1400 psi pressure and shot holes at 9144' took fluid. Pumped in 30 cu. ft. of water and 100 sacks of Colton hi-temp. cement and followed cement with 10 cu. ft. of water. Displaced cement with 397 cu. ft. of 72# mud in 40 minutes, last 17 cu. ft. were displaced in stages. Final pressure was 1700 psi and cement was in place at 5:10 A.M., Halliburton Cementing Company's equipment was used.

At 10:30 P.M. located top of cement at 9143' and bottom of it at 9149'. Cleaned out to 9168', with 6-1/8" bit and casing scraper.

1-29

Cleaned out to 9203'. Tested shot holes at 9144' by applying 1000 psi pressure for 30 minutes without loss. Cleaned out to bottom of hole.

1-30

Ran Schlumberger in order to check casing shoe measurements and total depth. Shoe was located at 9234' and depth was checked at 9502'. Conditioned cement-out mud for 13 hours.

Using an 8" Baker wallscraper, scraped hole from 9236' - 9428'. Mud weight 70 - 72#, viscosity 45 - 70, 1% sand, water loss 3.4 cc./30 minutes, 1/32" wall cake.

1-31

Scraped hole to 9502'. Pulled and found one blade broken. Re-scraped with 8" wallscraper 9236' - 9502'. Scraper calipered 7-1/4" when pulled. Re-scraped 9236' - 9502'. Pulled and found scraper calipered 7-3/4".

to

2-1

incl.

On February 1, 1953 measured in and hung at 9500', 9 joints, 293.01' overall including hanger and shoe, 5-1/2", 17#, J-55, seamless, Spang Security flush joint casing as liner. Top of Burns lead seal hanger and adapter was at 9207' and 263.97' of 80 mesh perforations x 2" undercut (6°) slots, 6" centers, extended from 9236' - 9500'. Shoe was fitted with Baker flush joint bull nosed guide shoe. Burns hanger was 2.84' overall. Laying down 3-1/2" drill pipe.

Porter Sesnon, <sup>et al</sup> Barbara Sesnon Cartan,  
 Wm. T. Sesnon Jr., tenants-in-common

Aliso Canyon

"Sesnon Fee" 1

33

3 N.

16 W.

S. B.

February 17, 1953

1953  
 2-2

Finished laying down 3-1/2" drill pipe.

Ran and hung at 9185.75' (by kelly bushing measurements) 297 joints of new 2-7/8" O.D., 6.5#, J-55, Spang seamless tubing. Tubing was landed at 3:50 P.M.

Tubing Details:

1.50' landing nipple  
 9172.48' tubing (including shoe)  
 13.00' distance from kelly bushing to tubing head  
 9185.98'

Shoe was shop made (Wilson Oil Tool Company, Ventura) 2-7/16" I.D., reg. 2-7/8" O.D. collar.

Removed blow-out prevention equipment. Installing Xmas tree. Installed National Supply Company's back check valve (retrievable) in top of tubing string.

Removed Xmas tree as O.D. (2-3/4") of back check valve would not permit its removal through two gates (2-9/16" I.D.) and Wilson Oil Tool Co. cross (2-7/16" I.D.) of Xmas tree.

2-3 Finished installing Xmas tree. Replaced mud with 20° oil. Rigged up to swab. Commenced swabbing at 10:00 P.M. Lowered fluid to 500' by midnight.

2-4 Pulled swab from 1000' - 1250' and fluid level varied from 350' - 550' during this operation. Flowed well through casing from 6:00 - 7:00 A.M. Resumed swabbing and well commenced flowing through tubing to sump at 7:45 A.M., turned well to traps and tanks at 12:00 noon.  
 Released contractors crew and equipment at 1:00 P.M.

8 hours production ending 8:00 P.M. February 4, 1953 was 280 barrels, various bean sizes (19/64" to 32/64"), 650#/O, gas-oil ratio approximately 440.

2-5 24 hours ending noon February 5, 1953: 902 bbls., 20°, 1% (mud), 650#/O, gas-oil ratio 440.

*et al*

Porter Seson, (Barbara Seson Cartan,  
Wm. T. Seson Jr., tenants-in-common )

Aliso Canyon

"Seson Fee" 1

33

3 N.

16 W.

S. B.

February 17, 1953

1953

2-7

24 hrs. flowed: 919 bbls., gravity and cuts not taken, 540#/O.

2-8

24 hrs. flowed: 930 bbls., gravity and cuts not taken, 545#/O.

2-9

24 hrs. flowed: 928 bbls., 20.0°, 0.1%, 530#/O.

2-10

24 hrs. flowed: 1018 bbls., 20.0°, 0.1%, 510/O, 26/64" Shaffer bean, 404 Mcf.

2-11

24 hrs. flowed: 1017 bbls., 20.0°, 0.1%, 500/O, 26/64" Shaffer bean, 371 Mcf.

2-12

24 hrs. flowed: 750 bbls., 20.0°, cut not given, 520/O, bean not given, 244 Mcf.

2-13

24 hrs. flowed: 743 bbls., 20.0°, 0.1%, 520/45, 22/64" Willis bean, 246 Mcf.

2-14

24 hrs. flowed: 816 bbls., 20.0°, 0.1%, 520/220, 23/64" Willis bean.

2-15

24 hrs. flowed: 816 bbls., 20.0°, 0.2%, 510/340, 23/64" Willis bean.

**DIVISION OF OIL AND GAS**

SP24 SP-1  
well

LOG AND CORE RECORD OF OIL OR GAS WELL

Porter Seamon, Barbara Seamon (Co-owners),  
Wm. T. Seamon Jr., tenants-in-common

Operator

Field

Aliso Canyon

"Seamon Fee" 1

Well No.

Sec.

33

T. 3 N.

R. 16 W.

S. B. B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
50'	50'	50'	Drilled	-	Not logged.
50	129	79	"	-	Sand.
129	276	147	"	-	Gravel.
276	514	238	"	-	Clay, boulders and shale.
514	711	197	"	-	Shale.
711	1853	1142	"	-	Sand and shale.
1853	1984	131	"	-	Shale.
1984	5549	3565	"	-	Sand and shale.
5549	5994	445	"	-	Shale.
5994	6675	681	"	-	Sand and shale.
6675	6688	13	"	-	Shale.
6688	6783	95	"	-	Hard sand.
6783	6841	58	"	-	Hard sand and shale.
6841	7430	589	"	-	Sand and shale.
7430	7461	31	"	-	Hard sand.
7461	7778	317	"	-	Sand and shale.
7778	7829	51	"	-	Hard sand.
7829	7844	15	"	-	Shale.
7844	7859	15	"	-	Sand and shale.
7859	7912	53	"	-	Hard sand.
7912	8058	146	"	-	Shale.
8058	8270	212	"	-	Shale and sand.
8270	8277	7	"	-	Hard sand.
8277	8351	74	"	-	Hard shale.
8351	8581	230	"	-	Sand and shale.
8581	8638	57	"	-	Shale.
8638	8770	132	"	-	Sand and shale.
8770	8772	2	"	-	Hard sand.
8772	8832	60	"	-	Sand and shale.
8832	8846	14	"	-	Sand.
8846	8984	138	"	-	Sand and shale.
8984	9150	166	"	-	Shale.
9150	9159	9	Cored	2-1/2'	2-1/2' Shale, brown to gray, hard, dense, with 1" lime cemented softer gray shale streak at bottom.
9159	9164	5	Cored	1/2'	1/2' Shale, as above but grading to sandy siltstone.

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

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

Operator *et al* Porter Seanon, (Barbara Seanon Cartan,  
Wm. T. Seanon Jr., tenants-in-common) Field Aliso Canyon

Well No. "Seanon Fee" 1 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9164'	9171'	7'	Cored	No rec.	
9171	9173	2	Cored	No rec.	
9173	9175	2	Cored	1'	1/2' Shale, dense, brownish gray, hard. 1/2' Sandstone shell, hard, gray, dense, tight.
9175	9195	20	Cored	20' + 2' pick-up	17' Siltstone to silty sandstone, fine grained, quite hard, sub-angular to rounded sand grains, pectens & other mega fossils common. Very tight appearing. 3' Sand, <u>oil stained</u> , fine to medium grained, appears tight and well cemented. Spotty dull fluorescence, dark brown cut with CCl <sub>4</sub> . Faint petroleum odor. 2' Siltstone to silty sandstone, hard, very fine grained, firm, poor porosity and permeability, similar to above siltstone.
9195	9210	15	Cored	11'	1/2' <u>Oil Sand</u> , fine grained, well sorted, spotty dull fluorescence, dark brown cut with CCl <sub>4</sub> , friable. 10-1/2' Silty sandstone, hard and firm, very fine grained, poor porosity and permeability, very slight staining on some of the sand grains, shell fragments common. No fluorescence.
9210	9230	20	Cored	1-1/2'	1-1/2' Siltstone to sandy siltstone as above. Dull fluorescence. Core blew out of barrel and broke apart on the ground while pumping out of barrel.

DIVISION OF OIL AND GAS

*et al*

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Porter Sesnon, (Barbara Sesnon Cartan,  
Wm. T. Sesnon Jr., tenants-in-common) Field Aliso Canyon

Well No. "Sesnon Fee" 1 Sec. 33, T. 3 N., R. 16 W., S. E. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9230'	9249'	19'	Cored	8'	<p>1' Shale, dark brown, dense, quite fractured, dull yellow fluorescence on fractures, oil stains on fractures. Shale gave appearance that it might have come from higher up the hole.</p> <p>1' Shale, grading to conglomerate. Conglomerate sample appears to be pushed up into the fractured shale. One 1/2" pebble, numerous 1/8" pebbles, all being quite rounded.</p> <p>6' Siltstone, to very fine grained sandstone, hard and appears tight. No fluorescence or odor.</p> <p>2" <u>Oil Sand</u>, in core catcher, fine grained, friable, good odor and dark cut with CCl<sub>4</sub>.</p>
9249	9268	19'	Cored	2-1/2'	<p>2' Fractured shale, dark brown, badly crushed, dull fluorescence, may have entered core from further up the hole.</p> <p>1/2" <u>Oil Sand</u>, hard, fine to medium grained, firm to friable, fair porosity and permeability, good petroleum odor.</p>
9268	9278	10'	Cored	9'	<p>4" Sandstone shell, hard, gray and tight.</p> <p>6" <u>Oil Sand</u>, fine to medium grained, ill sorted, hard, firm to somewhat friable, good odor, dark brown amber cut with CCl<sub>4</sub>, dull fluorescence, fair to poor permeability and porosity. Cross bedding of sand throughout.</p> <p>1' Sandstone shell, gray, hard, very tight.</p> <p>1' 8" <u>Oil Sand</u>, as above.</p>

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

*et al*

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

Porter Seanon, Barbara Seanon Cartan,

Operator Wm. T. Seanon Jr., tenants-in-common

Field Aliso Canyon

Well No. "Seanon Fee" 1

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

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9278'	9297'	19'	Cored	19'	<p><u>Note:</u> This core had to be pumped from the barrel at Reed's Plant.</p> <p>1/2' Siltstone, very fine and tight appearing, gray to oil stained.</p> <p>4" Oil Sand, fine grained, hard, good odor, poor porosity &amp; permeability, light amber cut with CCl<sub>4</sub>.</p> <p>4' 2" Siltstone, hard, oil staining on the few fractured surfaces.</p> <p>6" Oil Sand, fine grained, well sorted, cross bedding common. Dark amber cut with CCl<sub>4</sub>, fair porosity and permeability.</p> <p>3' Oil Sand, firm, hard, very tight, almost siltstone, good petroleum odor, cross bedding gives core fractured appearance.</p> <p>1-1/2' Siltstone, gray, very tight.</p> <p>1-1/2' Sandy siltstone, faintly oil stained, dark brown to amber cut with CCl<sub>4</sub>.</p> <p>1/2' Oil Sand, fine to medium grains, friable, good odor, dark brown cut with CCl<sub>4</sub>, good to excellent porosity and permeability.</p> <p>2-1/2' Sandy siltstone, as above.</p> <p>3' Oil Sand, fine grained, almost sandy siltstone, good odor, dark amber cut with CCl<sub>4</sub>, firm to friable, cross bedding common.</p> <p>1-1/2' Siltstone, gray, tight, hard, grading to fine oil sand in bottom of core.</p>
9297	9315	18	Cored	14'	<p><u>Note:</u> This core had to be pumped from the barrel at Reed's Plant, also.</p> <p>6" Silty sandstone, fine grained, fairly firm, oil stained, petroleum odor.</p> <p>3-1/2' Oil Sand, fine to medium grained, friable, good porosity &amp; permeability, good petroleum odor, amber cut with CCl<sub>4</sub>. Poor fluorescence, however, core was exposed for 24 hours.</p>

STATE OF CALIFORNIA  
 DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

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

Operator *mail* Porter Seanon, (Barbara Seanon Cartan,  
 Wm. T. Seanon Jr., tenants-in-common) Field Aliso Canyon  
 Well No. "Seanon Fee" 1 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9297'	9315' (Continued)		Cored		2-1/2' Oil Sand, firm, fine, hard, good odor and out. Appears somewhat tighter than oil sand above. However, core appears to be well saturated oil sand. 6' Oil Sand, friable, fine grains, good odor and out. Good porosity and permeability. 1' Silty sandstone, hard, fine grained, good odor. 1/2' Oil Sand, fine to medium coarse grained, good porosity & permeability, good odor and out, fluorescence poor.
9315	9330	15'	Cored	14'	14' Silty sandstone, hard, firm, fine grained sand, tight appearing, good petroleum odor and oil staining.
9330	9350	20	Cored	13'	12-1/2' Silty sandstone, hard, firm, fine grained sand, tight, petroleum odor and oil stained. Some free oil where sandstone is slightly fractured, spotty dull fluorescence. 1/2' Oil Sand, fine to medium grained, friable, good petroleum odor, light amber out with CCl <sub>4</sub> , spotty dull fluorescence, fairly silty, sand does not appear saturated, which may be due to burning action at base of core.
9350	9362	12	Cored	3'	2" Shale, dense, hard, dark brown, may be from further up the hole. 4" Silty sandstone, oil stained, hard, poor permeability & porosity. 6" Sandstone shell, gray, hard, tight.

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

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

Operator Porter Seanon, Barbara Seanon Cartan,  
Wm. T. Seanon Jr., tenants-in-common Field Aliso Canyon

Well No. "Seanon Fee" 1 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9350'	9362' (Continued)		Cored		2' Silty sandstone, oil stained, good odor, hard, very fine grained, appearing tight. Free oil appearing on the fractures, however, fracturing rare.
Junk Basket Core 9362	9364	2'	Cored	1'	6" Shale to sandy shale, petroleum odor. 6" Silty sandstone, petroleum odor, hard, tight appearing.
9364	9384	20'	Cored	15'	4" Hard sandstone, fine grained. 8" <u>Oil Sand</u> , fine to medium grained, hard, friable to firm, good odor, spotty dull fluorescence. Pale amber cut with CCl <sub>4</sub> . 14' Silty sandstone, hard, fine grained, small amount of fracturing, dull fluorescence, petroleum odor, oil stained. <i>Note: Sandstone becomes somewhat coarser between 9371' - 9375'. This interval is well saturated.</i>
9384	9410	26'	Cored	6-1/2'	6-1/2' Silty sandstone, hard, dense, fine grained, petroleum odor, however, very tight appearing. Mega fossils rare, sand grains are oil stained.
9410	9430	20'	Cored	1-1/2'	4" Silty sandstone as above, good petroleum odor. 4" Sandstone shell, gray, hard, tight. 10" Silty sandstone, good odor, same as top 4".
9433	9452	19'	Cored	17'	5' <u>Oil Sand</u> , friable to difficultly friable, fine grained, well sorted, evenly stained, fairly tight appearing, rare minor nests and inclusions of gray lime cemented sandstone. 1' Sandstone shell, lime cemented, gray, very hard, fine to medium grained, impervious.

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

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

Operator Mr. T. Seamon Jr., tenants-in-common Field Aliso Canyon  
 (Barbara Seamon Cartan,)

Well No. "Seamon Fee" 1 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

**FORMATIONS PENETRATED BY WELL**

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9433'	9452' (Continued)		Cored		2' <u>Oil Sand</u> , as 5' above, however, there is some cross bedding & fracturing. 1-1/2' Sandstone, dark gray, very hard, interbedded and cross bedded with occasional partings of dark gray siltstone, some slickensiding. Dip 20° - 22°. 7-1/2' <u>Oil Sand</u> , alternating from difficultly friable, fine grained and tight to firm readily friable, medium grained, well sorted, with apparent good permeability and porosity. The friable and permeable sands are platy to cross bedded and along bedding planes there is grayish cast. However, at right angles to plane this cast cannot be observed, and core appears saturated with oil, good odor and cut.
9452	9471	19'	Cored	6'	3' Silty sandstone, firm, fine grained, well sorted, sand bedding gives core "biscuit" parting appearance, fair petroleum odor, fair to poor permeability & porosity, dull fluorescence. 3' <u>Oil Sand</u> , crushed and crumbly to firm, fine grained, well sorted, mottled with some gray streaks, however, gray streaks appear tight and lime cemented, numerous mega fossils in bottom 1-1/2' (ribbed mollusks?). Fair to good petroleum odor, free oil showing on the fractured surfaces of the crumbly portion of the sand, dull fluorescence. 2" sandstone shell in bottom of core; shell very hard, lime cemented, dense and tight appearing.

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator <sup>et al</sup> Porter Seanon, (Barbara Seanon Carbon,  
Wm. T. Seanon Jr., tenants-in-common) Field Aliso Canyon  
Well No. "Seanon Fee" 1 Sec. 33, T. 3 N., R. 16 W. S. B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
9471'	9490'	19'	Cored	12'	<p>5' Sand, predominantly gray with oil staining and oil sand throughout, fine to medium coarse grained, firm to friable, some small pebbles throughout bottom 2'. Looks as if it could be wet, however, it may be due to the tightness.</p> <p>1' Sandstone shell, gray, tight, dense and hard.</p> <p>6' Sand, gray, with oil staining in spots, firm to friable, fine grained, sand bedding which makes core part on bedding plane. Fair petroleum odor, free oil staining on fractures and bedding planes, few sub-rounded pebbles. Has same wet appearance as above, but may be due to being tight.</p>
9490	9502	12'	Cored	15' (3' pick-up)	<p>5' Oil Sand, fine to coarse grained, well sorted, bedding gives "biscuit" type parting to core where core is firm, however, 3' of the 5' is very friable and crumbly, good to excellent permeability and porosity, good petroleum odor, dark brown cut with CCl<sub>4</sub>, dull fluorescence. Slight gray cast looking down on bedding, no gray cast perpendicular to core.</p> <p>1' Oil Sand, coarse grained, ill sorted, partial gray due to lime cemented shell in bottom 4", free oil on partings.</p> <p>9' Silty Oil Sand, grading to silty sandstone, entire core has appearance of oil saturation but appears quite tight towards bottom, good odor, fine grained. One 2" sandstone shell 2-1/2" from bottom</p>

TOTAL DEPTH: 9502'

Cores described by Easton & Saere, Engrs.

DIVISION OF OIL AND GAS

MAR 2 1953

*equal*  
LOG AND CORE RECORD OF OIL OR GAS WELL  
Porter Seanon, Barbara Seanon Carter,  
Wm. T. Seanon Jr., tenants-in-common

Aliso Canyon, LOS ANGELES, CALIFORNIA

Operator \_\_\_\_\_ Field \_\_\_\_\_  
Well No. "Seanon Fee" 1 Sec. 33, T. 3 N., R. 16 W., S. E. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
<u>SCHLUMBERGER SIDEWALL SAMPLES</u>					
9034'					Shale, hard, dense, no fluorescence.
9026'					Shale, hard, dense, no fluorescence.
8511'					Shale, brittle, with paper thin partings of fine grained silty, cemented sand, spotty, very weak, light lemon yellow fluorescence in sand.
8345'					Sand, gray, firm, ill sorted, very fine grained to coarse, with one 1/8" rounded "melon seed" pebble. No fluorescence.
8321'					Sand, as in sample at 8345' including pebbles. No fluorescence.
8147'					Shale, dark brown, brittle, calcareous, two 1/4" sub-rounded pebbles, no fluorescence.
3130'					Sand, friable, gray, ill sorted, fine to medium, no fluorescence.
3125'					Sandstone, gray, lime cemented, fine grained, impervious, dull to negative fluorescence.
3090'					Sandstone lithology as sample from 3070' but without fluorescence.
3070'					Sandstone as sample from 3125', faint spotty to negative fluorescence.

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

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

1015 West Olympic Boulevard  
Los Angeles 15, California, January 28, 19 53

Mr William T Sesson Jr  
707 North Maple Drive  
Beverly Hills California

Agent for Porter Sesson, Et Al

Dear Sir

Your request dated January 20, 19 53, relative to change in designation of well(s) in the Aliso Canyon field, District No. 1, has been received; and in accordance with Section 3203, Div. 3 of the Public Resources Code.

“\* \* \* The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor.”

the proposed change in designation is hereby authorized as follows:

Sec. 31, P. 3 N., R. 16 E., S. B. N. & N.

Well No. "Sesson Fee" 4 will hereafter be known as your well No. "Sesson Fee" 1.

CORRECTIONS MADE TO FOLLOWS:	BY WHOM
FORM 157	
" 113	✓ EB
" 114	
" 115	
CASES	✓ ERMA
PROCESSED	✓ JWB
WELL LOGS	✓ EB
FIELD MAPS	✓ JEM
MAP BOOK	✓ JWB

*Aliso Canyon*

eb  
cc- Mr R D Bush (2)  
M Cooley  
Conservation Committee  
Easton & Sacre

R. D. BUSH  
State Oil and Gas Supervisor

By *E. H. Messer*  
Deputy Supervisor

PORTER SESNON  
58 SUTTER STREET  
SAN FRANCISCO 4

DIVISION OF OIL AND GAS  
RECEIVED

JAN 26 1953

January 20, 1953

LOS ANGELES, CALIFORNIA

State of California  
Department of Natural Resources  
Division of Oil & Gas  
1015 W. Olympic Blvd.,  
Los Angeles 15, California

Attention: Mr. E. H. Musser, Deputy

Gentlemen:

RE: Change in Name - Sesnon Fee 4,  
Aliso Canyon Field.

The undersigned individuals are presently drilling and expect to complete a well in the Aliso Canyon Field designated as:

Sesnon Fee 4

This well is owned and will be operated by: Porter Sesnon, Barbara Sesnon Cartan, and W. T. Sesnon, Jr; tenants-in-common. To avoid complications we respectfully request that this well be permitted to be renamed and redesignated as follows:

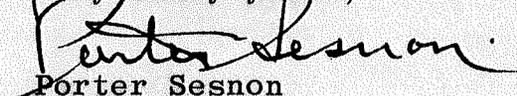
Sesnon Fee 1

The reason for this is to differentiate between the ownership and operation of B. F. Porter Estate wells, now designated Sesnon Fee 1, 2 and 3, and the well referred to above. Under separate letter we are requesting that Sesnon Fee 1, 2 and 3 be redesignated as B. F. Porter Estate 1, 2 and 3.

We desire that the change become effective as of February 1st, 1953.

If the subject warrants further explanation kindly so advise, if not kindly let us have your written approval.

Very truly yours,



Porter Sesnon

For:

Porter Sesnon  
Barbara Sesnon Cartan  
W. T. Sesnon, Jr.  
Tenants-in-Common.

PS:ew

## DIVISION OF OIL AND GAS

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

No. T153-179

Los Angeles 15

Calif. February 9 19 53

William T Sesnon Jr

707 North Maple Drive

Beverly Hills Calif.

Agent for PORTER SESNON, ET AL

DEAR SIR:

Your well No. "Sesnon Fee" 1, Sec. 33, T. 3 N, R. 16 W, S B B & M.  
Aliso Canyon Field, in Los Angeles County, was tested for water shut-off  
on January 27, 1953. Mr. Paul Betts, Inspector, designated by the supervisor,  
was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present

L. P. Sacre, Engineer; F. E. Spencer, Drilling Foreman.

Shut-off data: 7 in. 23.26, 29 lb. casing was cemented ~~xxxx~~ at 9246 ft.  
on January 23, 1953 in 11 in. hole with 506 sacks of cement  
~~xxxx~~ of which 94 sacks was left in casing.

Casing record of well: 13-3/8" cem. 1059'; 7" cem. 9246', four 1/2" test holes at 9144', W.S.O.

Present depth 9500 ft. Bridged with cement from 9246 ft. to 9203 ft. Cleaned out to 9203 ft. for test.  
A pressure of 1000 lb. was applied to the inside of casing for 15 min. without loss after cleaning out to 9195 ft.  
A Johnston gun and tester was run into the hole on 3-1/2 in. drill pipe with  
with 900 ft. of water ~~xxx~~ cushion, and packer set at 9116 ft. with tailpiece to 9136 ft.  
Tester valve, with 3/8 in. bean, was opened at 12:10 p.m. and remained

open for 1 hr. and ~~xxx~~ min. During this interval there was a medium, steady blow for 10  
min.; no blow for 10 min.; a medium, steady blow for 20 min.; and no blow thereafter.

THE INSPECTOR ARRIVED AT THE WELL AT 6:45 P.M. AND MR. SACRE REPORTED:

1. An 11" rotary hole was drilled from 1059' to 9234'; a 7-5/8" rotary hole from 9234'-9500'
2. Electrical log readings showed the top of the upper Sesnon zone at 9235'.

THE INSPECTOR NOTED:

1. When the drill pipe was removed, a net rise of 3180' of oil and gas, 180' of thin, oily, gassy drilling fluid, and 120' of medium, gassy drilling fluid was found in the drill pipe above the tester, equivalent to 29 bbl. There was no evidence of free water in the column of fluid.
2. The drill pipe blew dry at intervals when it was pulled out of the hole.
3. The recording pressure bomb chart showed that the tester valve was open 1 hr.

The test was completed at 8:30 p.m.

THE 7" SHUT-OFF AT 9144' IS APPROVED.

PWB:OH

*ma*  
cc Porter Sesnon, et al  
58 Sutter Street  
San Francisco 4 California

R. D. BUSH, State Oil and Gas Supervisor

By *E. H. Messer*, Deputy

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL AND GAS**

**Special Report on Operations Witnessed**

No. T 152-1331

Los Angeles 15  
Calif. December 8 19 52

~~xxxx~~ Mr Porter Sesnon  
~~xxxx~~ 58 Sutter Street  
SAN FRANCISCO 4 Calif.

~~xxxx~~ for PORTER SESNON, ET AL

DEAR SIR:

Operations at your well No. "Sesnon Fee" 4 Sec. 33, T. 3 N, R. 16 W, S B B. & M.,  
Aliso Canyon Field, in Los Angeles County, were witnessed by

Paul Betts, Inspector

, representative of the supervisor,

on November 19, 1952. There was also present Wayne Payton, Drilling Foreman,

Ed Soby, Helper.

Casing Record 13-3/8" cem. 1059' T.D. 2000'.

Junk ~~xxxx~~

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

The inspector arrived at the well at 2:45 p.m. and Mr. Payton reported:

1. An 18-5/8" rotary hole was drilled from the surface to 1060'.
2. On November 17, 1952, 13-3/8", 54.5 lb. casing was cemented at 1059' with 610 sacks of cement, 21 sacks of gel, and 640 cu. ft. of Sealite.
3. An additional 95 sacks of treated cement was pumped into the hole around the 13-3/8" casing through 1-1/2" pipe hanging at 60'.
4. An 11" rotary hole was drilled from 1060' to 2000'.

THE INSPECTOR NOTED THAT THE WELL WAS EQUIPPED WITH THE FOLLOWING BLOWOUT PREVENTION EQUIPMENT:

1. A Shaffer double cellar control gate for closing in the well with the drill pipe out of the hole, and for closing around the 4-1/2" drill pipe.
2. A Hydril blowout preventer for closing around the 4-1/2" drill pipe.
3. The controls for the 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.
6. A 4" shut-off gate on the mud discharge line.
7. A 4" stopcock on the stand pipe.

The inspection was completed at 3:15 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

PVB:OH

cc Easton & Sacre  
1660 Oak Street  
Bakersfield California

R. D. BUSH  
State Oil and Gas Supervisor

By E. H. Musser Deputy

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS  
REPORT ON PROPOSED OPERATIONS

B

No. P. 152-1397

Los Angeles Calif. November 12 19 52

Mr. Porter Sesson  
58 Sutter Street  
San Francisco 4 Calif.

Atty for PORTER SESSON, ET AL

DEAR SIR:

Your proposal to drill Well No. "Sesson Fee" 4

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

dated Oct 30 1952, received Nov 5 19 52, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Location of Well: 3310.35 feet South and 6369.15 feet West at right angles from Sta. 84  
Approx. Elevation of ground above sea level 2520' feet (Exact elevation to be given later) datum  
All depth measurements taken from top of Kelly Bushing which is 12' feet above ground."

PROPOSAL:

"Proposed Casing Program

Size of Casing	Weight	Grade and Type	Top	Bottom	Cementing Depths
13-3/8"	54.5#	J-55 Suls.	Surface	600'-1500'	NOTE: Cementing depth to depend on lost circ. zone
7"	23# 26#	N-80 Suls.	Surface	9400'±	9400'±
5-1/2"	17#	J-55 Suls.	9350'±	9550'±	

Intended zone or zones of completion: Upper & Lower (1) Zones 9400'± - 9550'±  
It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed and approved by this division.
2. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
3. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
  - (a) To inspect the installed blowout prevention equipment before drilling below 1500'.
  - (b) To witness a test of the effectiveness of the 7" shut-off.

ERMA:ES

cc Easton & Sacre  
1660 Oak Street  
Bakersfield California

Bond No. L 91245

R. D. BUSH

State Oil and Gas Supervisor

By E. H. Messer

Deputy

EVERETT S. LAYMAN  
ATTORNEY AT LAW  
220 BUSH STREET  
SAN FRANCISCO 4  
TELEPHONE GARFIELD 1-3358

EVERETT S. LAYMAN  
KENNETH S. CAREY  
GEAN W. CANNON

RECEIVED  
NOV 5 1952  
DIV. OIL & GAS, L.A.

November 3, 1952

State of California  
Division of Oil and Gas  
1015 W. Lolympic Boulevard  
Los Angeles 15, California

Gentlemen:

Enclosed please find the following:

1. Notice of Intention to Drill New Well,  
dated October 30, 1952. Said new well is described as  
No. "Sesnon Fee" #4 in Section 33, Township 3 N, R.16 W.,  
S.B.B.& M., Aliso Canyon Field, Los Angeles County, duly  
executed by Porter Sesnon;

2. Oil and Gas Drilling Bond No. L-91245 in  
the sum of \$5,000.00, in favor of the State of California.

Kindly acknowledge receipt of these two enclosures  
on a copy of this letter enclosed for your convenience and  
thereafter return it to this office.

Thank you for your kind cooperation.

Very truly yours,

EVERETT S. LAYMAN

By *Daisy G. Kerner*

DK  
Enc.

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

RECEIVED

DIVISION OF OIL AND GAS

NOV 5 1952

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

DIV. OIL & GAS, L.A.

037-00647

4

San Francisco Calif. October 30 19 52

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Sesnon Fee" #4, Sec. 33, T. 3-N, R. 16-W, S.B. B. & M., Aliso Canyon Field, Los Angeles County.

Legal description of lease -----  
(Attach map or plat to scale)

Location of Well: 3310.35 feet South ~~XXPROPERTY~~ along section line and 6369.15 feet West ~~XXPROPERTY~~  
(Direction) (Direction)

at right angles to said line from ~~the~~ Sta. 84 ~~XXPROPERTY~~

[Aliso Canyon Line (See attached plat)] ~~omit~~

Approx. Elevation of ground above sea level 2520' (Exact elevation to be given later) feet / datum.

All depth measurements taken from top of Kelly Bushing which is 12' feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
13-3/8"	54.5#	J-55 Smls.	Surface	600'-1500'	NOTE: Cementing depth to depend on lost circ. zones.
7"	23#, 26# & 29#	N-80 Smls.	Surface	9400'+	
5-1/2"	17#	J-55 Smls.	9350'+	9550'+	

Intended zone or zones of completion: Upper & Lower (?) Zones 9400'+ - 9550'+

MAP 18A 4.H.S. CARDS 6/8 BOND 291245 FORMS 114 121

ma

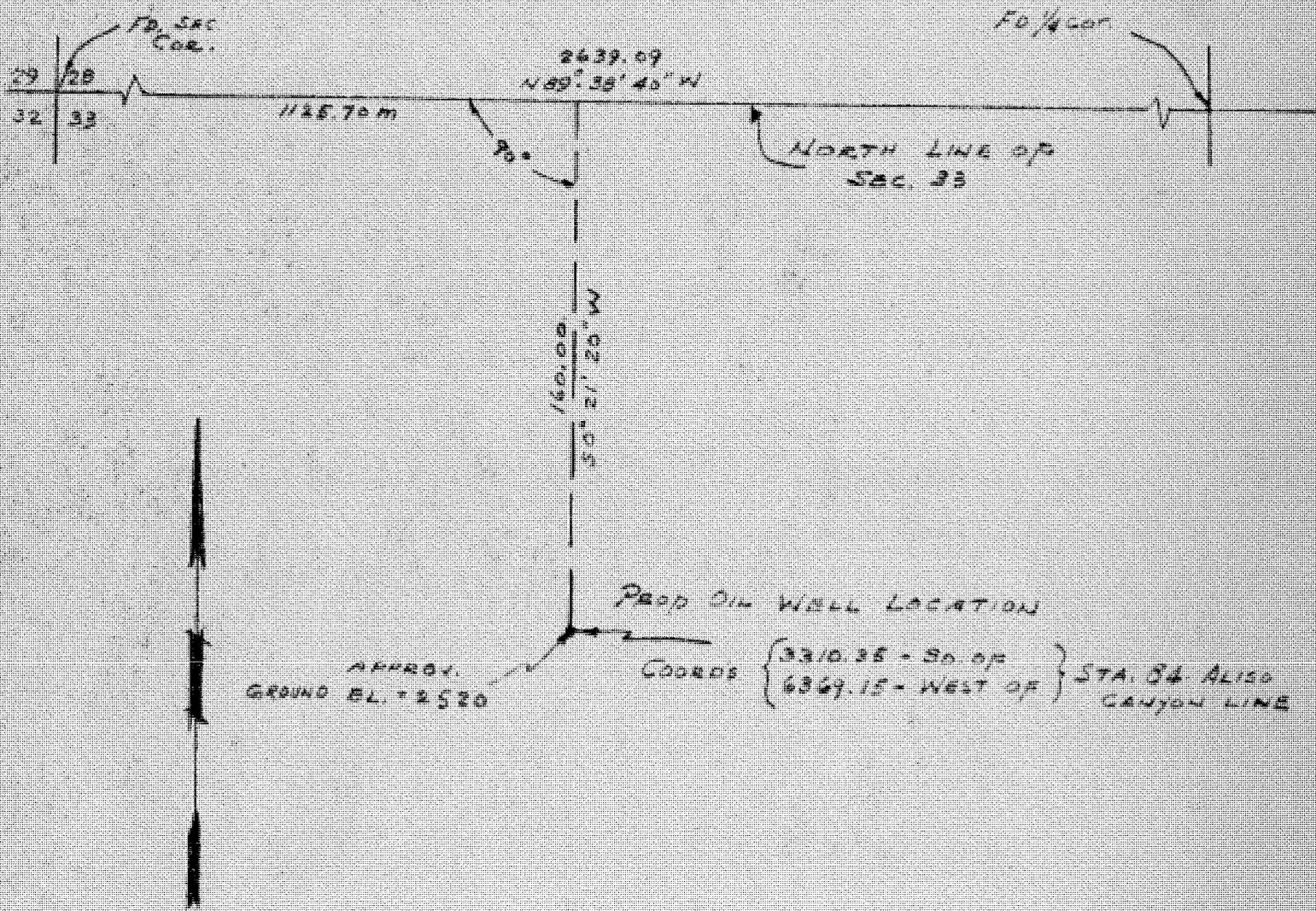
By Porter Sesnon *Porter Sesnon et al*

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

Address 58 Sutter Street  
San Francisco, 4, Calif.  
Telephone Number Exbrook 2-1855

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

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED



PROPOSED OIL WELL LOCATION

FOR EASTON AND SACRE  
IN SEC. 33, T. 3 N., R. 16 W.  
S. B. M.  
IN LOS ANGELES COUNTY,  
CALIFORNIA

BASIS OF BEARINGS  
T.W. A.O. Co. FILE P.D. 58 W

BASIS OF COORDINATES  
STA 84 - ALISO CANYON LINE