



2100 N. Ventura Avenue
 Ventura, California 93001
 Phone 805-653-6609
 Bakersfield 661-325-0502

SONIC FLUID LEVEL
 TESTING REPORT

COMPANY The Gas Co. FIELD Aliso Canyon

WELL NO.	FLUID LEVEL	FLUID OVER PUMP	PUMP DEPTH	STROKES PER MINUTE	LENGTH OF STROKE	CAS PSI	TUB PSI	PREVIOUS FOP	Type of Test		
FF-1	2065					191			CSG	037-00082	
FF-11	1370					26			CSG	037-00035	
FF-38	1641					1			CSG	037-00037	
P-1	1978					1			CSG	037-00036	
P-3	1712					132			CSG	037-00698	
P-6	2564					1			CSG	037-20057	
P-19	660					10			CSG	037-00708	
P-22	1308					426			CSG	037-00709	
P-28	2916					535			CSG	037-00715	
P-57	@ surface					0			CSG	037-00742	
P-60	1382					4			CSG	037-00745	
P-68	852					37			CSG	037-00749	
P-70	1195					52			CSG	037-00751	
P-71	1226					2			CSG	037-00012	
SF-2	6714					1690			CSG	037-00648	
SF-5	5521					1205			CSG	037-00051	
P-2	Needs Valve										
P-10	Picp										

DATE 10-27-10 Pat Foster

Witness by
 Mike Davis



DEPARTMENT OF CONSERVATION

Managing California's Working Lands

Division of Oil, Gas, & Geothermal Resources

1000 SOUTH HILL ROAD, SUITE 116 • VENTURA, CALIFORNIA 93003

PHONE 805 / 654-4761 • FAX 805 / 654-4765 • WEB SITE conservation.ca.gov

July 14, 2010

James D. Mansdorfer, Agent
SOUTHERN CALIFORNIA GAS COMPANY
9400 Oakdale Avenue
Chatsworth, CA 91313

Re: Idle Well Testing

Dear Mr. Mansdorfer:

Attached is a list of OG and WD wells that have been idle for five or more consecutive years. The list does not include idle gas storage wells. Section 1723.9 of the California Code of Regulations (CCR) requires that operators perform periodic testing of their idle wells to help ensure the well's mechanical integrity. CCR Section 1723.9 states in part: "Any well that has not produced oil or natural gas or been used for fluid injection for a continuous six-month period during any consecutive five year period...must have either the fluid level determined using acoustical, mechanical, or other reliable methods, or other diagnostic test as approved by the Supervisor." Wells scheduled for abandonment are excused from testing, provided a Notice of Intention to Abandon is submitted to our office no later than October 1st and work completed by January 1, 2011.

All fluid level testing must be completed by January 1, 2011. Please contact our office at least two days prior to initiating your testing program so that we can arrange to have a field engineer witness these tests. A summary of the fluid level data must be submitted to our office either as hardcopy or electronically, preferably as an Excel spreadsheet.

Please contact me at (805) 654-4761 or via email at bhesson@consvr.ca.gov should you have any questions. Your cooperation is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "BHesson".

Bruce H. Hesson, P.E.
District Deputy – Ventura
Division of Oil, Gas, and
Geothermal Resources

API NUMBER	FIELD	OPERATOR	LEASE	WELLNO	YEARS IDLE	DATE IDLE	
03700012	Aliso Canyon	Southern Calif. Gas Co.	Porter	71	5	10/2002	OG
03700035	Aliso Canyon	Southern Calif. Gas Co.	Fernando Fee	11	5	9/2003	OG
03700036	Aliso Canyon	Southern Calif. Gas Co.	Porter	1	10	10/1996	OG
03700037	Aliso Canyon	Southern Calif. Gas Co.	Fernando Fee	38	15	11/1993	OG
03700648	Aliso Canyon	Southern Calif. Gas Co.	Sesnon Fee	2	5	8/2001	OG
03700651	Aliso Canyon	Southern Calif. Gas Co.	Sesnon Fee	5	5	9/2001	OG
03700652	Aliso Canyon	Southern Calif. Gas Co.	Sesnon Fee	6	5	3/2001	OG
03700682	Aliso Canyon	Southern Calif. Gas Co.	Fernando Fee	1	5	9/2003	OG
03700684	Aliso Canyon	Southern Calif. Gas Co.	Fernando Fee	30	15	2/1977	WD
03700694	Aliso Canyon	Southern Calif. Gas Co.	Mission Adrian	4	10	4/1997	OG
03700697	Aliso Canyon	Southern Calif. Gas Co.	Porter	2	10	12/1996	OG
03700698	Aliso Canyon	Southern Calif. Gas Co.	Porter	3	15	7/1987	OG
03700708	Aliso Canyon	Southern Calif. Gas Co.	Porter	19	15	8/1983	WD
03700709	Aliso Canyon	Southern Calif. Gas Co.	Porter	22	10	1/1998	DG
03700715	Aliso Canyon	Southern Calif. Gas Co.	Porter	28	10	2/1998	OG
03700742	Aliso Canyon	Southern Calif. Gas Co.	Porter	57	10	2/1998	OG
03700745	Aliso Canyon	Southern Calif. Gas Co.	Porter	60	10	9/1997	OG
03700749	Aliso Canyon	Southern Calif. Gas Co.	Porter	68	5	10/2004	OG
03700751	Aliso Canyon	Southern Calif. Gas Co.	Porter	70	10	2/1998	OG
03700754	Aliso Canyon	Southern Calif. Gas Co.	Standard Sesnon	1	15	5/1976	OG
03721806	Aliso Canyon	Southern Calif. Gas Co.	Porter	10	10	8/1995	OG
03722057	Aliso Canyon	Southern Calif. Gas Co.	Porter	6	10	2/1998	OG
03707604	Honor Rancho	Southern Calif. Gas Co.	WEZU	10	15	2/1989	WD
03707621	Honor Rancho	Southern Calif. Gas Co.	WEZU	C-4	10	8/1998	WD

OPERATOR 20 CAMP GAS G
 LSE & NO 124 SF-2
 MAP 250

	(1)	(2)	(3)	(4)	()	()
INTENTION	DRILL	ALTR CSG	RUN & ALTR CSG	ALTR CSG GAS STORAGE WELL	Rework	
NOTICE DATED	4-10-53	12-14-58	5-12-61	5-13-76	10-21-99	
P-REPORT NUMBER	153-477	156-1160	161-460	276-154	299-171	
CHECKED BY/DATE						
MAP LETTER DATED	4-13-53	N/C	N/C	8-28-76	N/A MT CHANGED	
SYMBOL						
	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED
NOTICE	4-13-53	12-17-58	5-15-61	5-17-76	10-25-99	
HISTORY	8-26-53		9-21-61	8-19-76	4-24-00	
SUMMARY	8-26-53					
INS/ELECTRIC LOG						
DIRECTIONAL SURV						
CORE/SWS DESCIP	8-26-53					
OTHER					ULTRA SONIC IMMERS R	
RECORDS COMPLETE	(W)		(W)	(W)		

ENGINEERING CHECK

T-REPORTS _____

OPERATOR'S NAME _____

WELL DESIGNATION _____

LOC & ELEV _____

SIGNATURE _____

SURFACE INSPECTION _____

FINAL LETTER OK _____

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____

FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: _____

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator: Southern California Gas Company
Well: Sesnon Fee 02

Field: Aliso Canyon
Sec. 33 T3N R10W S.B.B. & M.

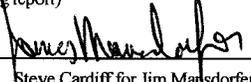
County: Los Angeles 4 2000

API No: 037-00648

Name: Jim Mansdorfer
(Person submitting report)

Title: Agent
(President, Secretary or Agent)

Date: April 14, 2000

Signature: 
Steve Cardiff for Jim Mansdorfer

22245 Placerita Canyon Rd., Newhall CA, 91321
(Address)

805-253-7045
(Telephone Number)

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

Date

- 10/21/1999 Set steel plates over cellar. Spot rig and rig up. Tie down hoist. Unload BOPE. Pump fluid from tank at P19 and rig out Gas Co. pump truck. Move pump truck to SF 2 and rig up. Secure well and equipment.
- 10/22/1999 Open well. 200 psig on tubing and casing. Spot 500 barrel tank and fill with treated lease fluid. Continue rigging up pump truck and choke lines. Bleed tubing and casing to atmosphere. Rig up rod BOPE and unseat pump. Pump 25 barrels of treated lease water down tubing. Well is dead. Pull and lay down polish rod and pony rods. Pull and lay down rods. Install polish rod and stuffing box to secure well. Secure well and equipment.
- 10/25/1999 Open well with 450 psig on casing and no pressure on tubing. Pump 25 barrels of treated lease water down tubing while bleeding casing. Pull out of hole laying down rods. Rig down rod equipment. Nipple down tree and install class III BOPE. Set up working floor and test BOPE to 3,000 psig. Rig up tubing equipment and secure well and equipment.
- 10/26/1999 Open well with slight blow from casing. No pressure on tubing. Pump 25 barrels of treated lease water down tubing. Secure well and equipment.
- 10/27/1999 Open well with slight blow from casing. No pressure on tubing. Pump 25 barrels of treated lease water down tubing. Pull tubing and ran in hole with 7" casing scraper to top of patch. Pull and lay down scraper. Made up fishing tools (5.5" short catch grapple) and started running in hole. Secured well and equipment.
- 10/28/1999 Open well with slight pressure on casing; tubing dead. Pump 25 barrels of treated lease water down tubing while bleeding casing. Continue to run in hole with 5.5" spear grapple and close catch stop to 3,227'. Engage top cone of patch and set grapple. Hit 2 times to free. Pull out of hole and remove top cone. Ran in hole with 5.5" spear with cup below. Space out grapple with lead collars to 25' below stop. Engage patch and pull patch to 84,000# and came free, POOH to 40'. Patch apparently stuck in top joint of 7", 29# casing. Pulled 15,000# over and could not pull through. Knocked down and came free, RIH to 2,000' and secured well.
- 10/29/1999 Open well, no pressure. Pull out of well from 1,800' to top joint. Attempt to work fish through 29# joint of casing on top without success. Ran 7", 29# positive scraper through top joint with fish hanging below, did not hit anything. Attempt to work fish through top joint without success. Make up Baker Hurricane packer and RIH to 3,000' with fish hanging below packer. Secure well.
- 11/1/1999 Open well, bleed off 250 psig. Pump 30 bbls lease water down casing. Make up safety joint and sub w/bumer sub and RIH to 3,218' and stopped (where patch was set). Fill back side w/ 68 bbls lease water, set storm (Hurricane) packer at 3, 123'. POOH make up 7" retrievable bridge plug and RIH to 630'. Set plug and dump 3 sx of sand on top. Let sand settle and found top of sand at 625'. POOH and lay down tools. Nipple up PGSR. Make up pilot mill and stablizers on one 4-3/4" drill collar. Pick up power swivel and make up tools. Secure well and equipment.
- 11/2/1999 Open well, no pressure. Pick up power swivel and mill (6.366" pilot mill) and mill on 7", 29# casing from 0'. Made 9" in 6 hours. Lay down pilot mill and pick up 6-1/8" string mill and RIH to 50'. Make up pilot mill and mill on 7", 29# casing and made 10". Make up 6.250" string mill and mill on 7" casing from 0' to 50'. Ream until smooth. Secure well and equipment.
- 11/3/1999 Open well, no pressure. Make up 6.366" string mill with a 6.250" mill on bottom for stabilization and mill on 7" casing from 0' to 20'. Pull up and inspect mill. Mill looks OK. Mill on casing from 20' to 32' fell through, gauge ream from 0' to 32' until smooth. POOH, lay down power swivel and mills. Make up bridge plug retrieving head and RIH to 530'. Secure well and equipment.

- Date
- 11/4/1999 Open well, no pressure. RIH to 620' and reverse out sand. Release bridge plug and let equalize. POOH, lay down plug and retrieving tool. Make up off-on tool and RIH to 1,900'. Release Hurricane packer and circulate out gas bubble (very small amount). POOH, lay down on-off tools and Hurricane packer. POOH laying down jars, bumper sub, 4-3/4" drill collars and patch (left seals and bottom setting swage in hole). Make up 5.5" spear, jars, bumper sub, 4-3/4" drill collars and intensifier and RIH on 2-7/8" drill pipe to 2,000'. Secure well and equipment.
- 11/5/1999 Open well, no pressure. Pump 15 bbls lease water down casing. Continue RIH to 3,227' and engage fish. Jar loose at 80,000# and POOH. Swage and seal assembly hung up 5' inside top joint of casing. Pulled 60,000# over and jarred but would not come free. Hit down and knocked loose. Attempt to release spear. Knocked loose again and RIH with kill string. Secure well and equipment.
- 11/8/1999 Open well, 200 psig on casing. Bleed pressure while pumping 40 bbl of treated lease water. Pull out of hole with kill string. Pick up 6.400" tapered mill with fish hanging below. Mill top joint to allow fish to pass. Pull out of hole with mill. RIH with kill string and secure well and equipment.
- 11/9/1999 Open well, no pressure. Pull out of well with kill string. Pick up 6.400" mill and ran in to regage to 27'. Mill to regage pipe to 6.400" to 31'. Pull out of well with mill and ran in well with fish below tools and kill string to 2,000'. Secure well and equipment.
- 11/10/1999 Open well, no pressure. Pull out of well with kill string. Ran 6.400" mill to 32'. Pick up power swivel and regage top joint from 32' to 35'. Lay down mill and ran in hole with kill string to 2,000'. Secure well and equipment.
- 11/11/1999 Open well, no pressure. Pull out of well with kill string. Ran 6.400" mill to 35'. Pick up power swivel and regage casing to 38'. Lay down mill and ran in hole with kill string to 2,000'. Secure well and equipment.
- 11/12/1999 Open well, no pressure. Pull out of well with kill string and pick up 6.400" mill and run in hole to 38' and continue milling. Mill to 43' to fall free in 7", 23# casing. Pull out of hole and lay down bottom cone and seals from casing patch. Rig down power swivel. Pick up 7" all weight casing scraper with magnet, BS and 4) 4-3/4" collars and run in hole to 3,500'. Secure well and equipment.
- 11/15/1999 Open well, no pressure. Continue running in hole from 3,500' with 7" all weight scraper, picking up drill pipe. Tag top of 2-7/8" tubing fish at 9,129'. Pull out of well to 2,000'. Secure well and equipment.
- 11/16/1999 Open well, no pressure. Pull out of well with scraper from kill string depth at 2,000'. Lay down bumper sub, jars and scraper. Pick up overshot, bumper sub, jars and 4, 4-3/4" drill collars and intensifier. Run in hole to 9,129'. Work over fish. Attempt to release from latch at 9,140'. Pull out of well to 2,000'. Secure well and equipment.
- 11/17/1999 Open well, no pressure. Continue pulling out of well from 2,000'. Lay down fishing tools and fish (10' of 2-7/8" tubing, Baker latch with 2 seals and 6' dip tube). Pick up retrieving tool for Baker Retrieval D packer and jars, BS and 4, 4-3/4" drill collars with intensifier and run in hole to engage packer at 9,140'. Jar on packer to place in release position. Release collet and jar on top of packer one time to release. Pull out of hole to kill string at 2,000'. Secure well and equipment.
- 11/18/1999 Open well, no pressure. Continue pulling out of well with Baker Retrieval-D packer from 2,000'. Rig down for repair and safety audit. Lay down packer and tools. Found bottom 1' of packer with 3 of 4 slip elements were missing from packer. Run in hole with 7" model "C" bridge plug to 9,100'. Set Bridge plug and fill well with treated produced brine. Tested casing from 9,100' to surface to 1,000 psig for 10 minutes. Test OK. Increased pressure to 1,300 psig. Test OK for 10 minutes. Release bridge plug and pull out of hole to 6,300'. Secure well and equipment.
- 11/19/1999 Open well, no pressure. Continue pulling out of well with Baker model "C" bridge plug to 3,400'. Set bridge plug and release. Pull out of well and fill well. Rig up Schlumberger well logging unit. Ran USIT casing inspection log from 3,300' to surface. Log indicates good casing integrity. Rig down loggers. Make up retrieving tool and run in hole to 3,400'. Release bridge plug. Secure well and equipment.
- 11/22/1999 Did not open well due to high winds. Review safety issues with crew.
- 11/23/1999 Open well, no pressure. Pull out of well with bridge plug from 3,400'. Lay down bridge plug and retrieving tool. Pick up spear, bumper sub, 4, 4-3/4" drill collars and intensifier. Run in hole from derrick with 2-7/8" drill pipe to 9,237'. Secure well and equipment.
- 11/24/1999 Open well, no pressure. Continue pulling out of hole laying down 2-7/8" drill pipe to 2,000'. Secure well and equipment.
- 11/29/1999 Open well, no pressure. Continue pulling out of well laying down drill pipe from 2,000'. Lay down intensifier, collars bumper sub, jars and spear. Recover bottom section of packer. Gravitrate 10 bbls of treated lease water into well while pulling out. Made up 2-7/8" collar on 2-3/8" flapper valve. Pick up and measure 7 joints of 2-3/8" EUE tubing. Run in hole with tubing bailer on 2-3/8" and 2-7/8" tubing to 2,700'. Secure well and equipment.

Date

- 11/30/1999 Open well, no pressure. Continue running in hole with tubing bailer on 2-3/8" and 2-7/8" tubing to 9,237' (top of liner). Continue in hole to tag at 9,347'. Bailer stopped solid; could not get past 9,347'. Pull out of hole with bailer. No recovery. Pick up 2-3/8" x 3' perf nipple with bull plug on bottom, 2-3/8" bottom lock pump shoe, 5 joints of 2-3/8" EUE tubing, cross over to 2-7/8" EUE tubing, 1 joint 2-7/8 tubing, hydraulic anchor, 2 joints, Page "R" drain and 2-7/8" EUE N-80 tubing to 2,600'. Secure well and equipment.
- 12/1/1999 Open well, no pressure. Continue running in hole with completion tubing to tag at 9,347'. Lay down 1 joint and land tubing with pump shoe at 9,330'. Install BPV, remove BOPE and load out. Haul in K bars and rods, nipple up production head. Rig up to run rods. Secure well and equipment.
- 12/2/1999 Open well, to tubing only. No pressure. Pick up Black Gold 2" x 1-1/4" RHB pump with pull rod centralizer. Ran in hole with rods picking up from trailer. Secure well and equipment.
- 12/3/1999 Rig down due to high winds.
- 12/6/1999 Open well to tubing, no pressure. Continue to pick up rods. Run 1" rods and space out. Fill tubing and test to 300 psig. Hang well on and start. Change out stuffing box rubbers. 500 psig on tubing pumping against high pressure traps. Clean Baker tank and haul excess rods to storage at P 69 site. Rig down and move to SF 5.

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

No. P299-171

PERMIT TO CONDUCT WELL OPERATIONS

010
(field code)
00
(area code)
30
(new pool code)
30
(old pool code)

James D. Mansdorfer, Agent
Southern California Gas Company
22245 Placerita Canyon Road ML9181
Newhall, California 91322-1124

Ventura, California
August 19, 1999

Your _____ proposal to rework _____ well "Sesnon Fee" 2 _____,
A.P.I. No. 037-00648 _____ Sec. 33 _____, T. 3N _____, R. 16W _____, SB B.&M.,
Aliso Canyon _____ field, _____ area, _____ Sesnon Frew _____ pool
Los Angeles _____ County, dated 10/21/99 received 10/25/99 has been examined in conjunction
With records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

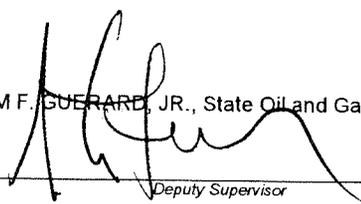
1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating conditions at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.

Super Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

WILLIAM F. GUERARD, JR., State Oil and Gas Supervisor

By  Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

010
30
Sesnon
Field

NOTICE OF INTENTION TO REWORK / REDRILL WELL

RECEIVED
OCT 25 1999
GEOTHERMAL RESOURCES
VENTURA, CALIFORNIA

C.E.Q.A. INFORMATION (when redrilling or deepening only)			
Exempt <input type="checkbox"/>	Neg. Dec. <input type="checkbox"/>	E.I.R. <input type="checkbox"/>	Document not required by local jurisdiction <input type="checkbox"/>
Class _____	S.C.H. No. _____	S.C.H. No. _____	
See Reverse Side			

FOR DIVISION USE ONLY			
Bond	Forms		EDP Well
	OGD114	OGD121	File
SBB	✓	✓	

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. (See the reverse side for bonding information.) If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill well Sesnon Fee 2 (Circle one) (Well designation) API No. 04-037-00648

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

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
13-3/8", 54.5# and 61# J-55 from 0' to 1,594'.
7" 23#, 26# and 29# N-80 from 0' to 9,245' with a Gearhart-Owens casing patch from 3,226' to 3,258' (squeezed hole at 3,242').
7" Baker Retrieval D 29# packer at 9,140' with 10' of 2-7/8" tubing. WSO at 9,153'. Squeezed perforations from 9,172' to 9,180'; 9,190' to 9,208'; 9,212' to 9,225'.
5", 17.93# liner from 9,237' to 9,469', cemented with 104 sx cement and jet perfed from 9,250' to 9,428'.

2. The total depth is: 9,471 feet. The effective depth is: 9,429 feet.

3. Present completion zone (s): Sesnon (Name) Anticipated completion zone (s): Sesnon (Name)

4. Present zone pressure: 3,000 psi. Anticipated/existing new zone pressure: 3,000 psi.

5. Last produced: 10/99 13 102 21
(Date) (Oil, B/D) (Water, B/D) (Gas, Mcf/D)

(or)
Last injected: N/A N/A N/A n/a
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes No

The proposed work is as follows: (A complete program is preferred and may be attached.)
Remove casing patch in 7" casing and pressure 7" casing from 9,100' to surface to a minimum of 200 psig. If casing will not hold pressure, isolate leak and obtain a breakdown. Squeeze with cement to repair.
Drill out cement, catch 2-7/8" tubing just above packer seal assembly with grapple and pull and lay down seal assembly.
Remove packer and run 7" scraper to top of liner. Clean out liner to PBD using tubing bailer. Run production tubing and pump and return well to production.

For redrilling or deepening: _____ (Proposed bottom-hole coordinates) _____ (Estimated true vertical depth)

The division must be notified if changes to this plan become necessary.

Name of Operator Southern California Gas Company	Telephone Number 661 253-7077
Address 22245 Placerita Canyon Road	City Newhall Zip Code 91321
Name of Person Filing Notice Steve Cardiff	Signature  Date 10/21/99

File In Duplicate

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

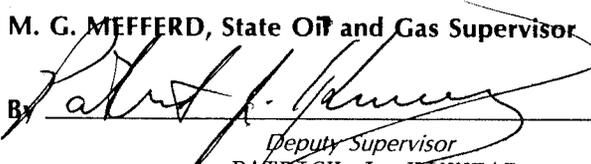
Your request, dated July 24, 1991, proposing to change the designation of well(s) in Sec. 33, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon field, Los Angeles County, District No. 2, has been received.

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

<u>FROM</u>	<u>TO</u>
"SFZU" SF-1 (037-00647)	"Sesnon Fee" 1 (037-00647)
"SFZU" SF-2 (037-00648)	"Sesnon Fee" 2 (037-00648)
"SFZU" SF-3 (037-00649)	"Sesnon Fee" 3 (037-00649)
"SFZU" SF-5 (037-00651)	"Sesnon Fee" 5 (037-00651)
"SFZU" SF-7 (037-00653)	"Sesnon Fee" 7 (037-00653)
"SFZU" SF-8 (037-00654)	"Sesnon Fee" 8 (037-00654)

M. G. MEFFERD, State Oil and Gas Supervisor

By


Deputy Supervisor
PATRICK J. KINNEAR

DIVISION OF OIL AND GAS Δ OSP
 RECEIVED
 AUG 19 1976

DIVISION OF OIL AND GAS

History of Oil or Gas Well

SANTA PAULA, CALIFORNIA

OPERATOR SOUTHERN CALIFORNIA GAS COMPANY FIELD Aliso Canyon

Well No. SESNON-FEE #2, Sec. 33, T. 3N, R. 16W, S.B. B. & M.

Date August 12, 1976

Signed

F. S. Magruder, Jr.
 F. S. MAGRUDER, Jr.

P. O. Box 3249, Terminal Annex
Los Angeles, California 90051

Title 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

5-24-76

Circulating to kill well. Pumped 380 barrels of 63# polymer mud.

5-25-76

Moved in rig. Rigged up Otis wire line, set tubing stop and tubing plug at 65'. Removed Christmas tree, stripped on B.O.P.E.

5-26-76

Rig suspended.

5-27-76

Tested B.O.P.E. with H₂O at 3000 psi for 20 minutes. Each O.K.
 Tested B.O.P.E. with N₂ at 3000 psi for 20 minutes. Each O.K. Retrieved tubing stop and 2 7/8" plug from 65'. Unset packer. Filled hole - 10 barrels - measured out hole with tubing and gas valves. Made up 7" 29# scraper and 5 5/8" bit. Started back in hole.

5-28-76

Ran 7" scraper and bit to top of liner at 9237' P.O.H. Made up 5" 18# scraper with 4 1/8" bit. Ran in hole to top of fill at 9378'. Circulated through 3 bridges to total depth at 9429' circulated hole clean. Started out of hole.

5-29-76

Pulled 5" scraper and bit. Rigged up Dresser Atlas. Ran Neutron Lifetime Log and recorded from 9429' to 7500'.

5-30-76

Rig idle.

5-31-76

Ran Dresser Atlas Acoustic Cement Bond Log (indicated very poor bond.)
 Ran Johnson 7" retrievable bridge plug and set at 9160'. Spotted 5 sacks of sand on bridge plug. Pulled 6 stands of tubing.

6-1-76

Ran tubing back to 9147', backscuttled excess sand out of casing. Pulled tubing out of hole. Ran McCullough Services jet perforating gun to 9140' and shot four 1/2" holes in casing. Ran Baker 7" fullbore cementer to 9022', set tool, pressured the annulus to 1500 psi and took breakdown test

6-1-76
(cont'd)

down the tubing (9 cu.ft. per minute at 4000 psi.) Pumped 10 cu.ft. of fresh water ahead of 100 sacks (115 cu. ft.) of Neat "G" cement, followed by 10 cu. ft. of fresh water. Displaced with 295 cu. ft. of drilling fluid. Pressure increased to 5000 psi. Squeezed away 90 cu. ft. of cement and shut pump down until pressure fell to 2000 psi in 12 minutes. Pressured again to 4500 psi and held for 5 minutes. Released tubing pressure (no flow back from tubing after pressure released.) Released Baker tool to backscuttle - casing pressure up - tried pumping down tubing, could not pump. Started out of hole, pulling tubing wet.

6-2-76

Pulled out of hole. Made up 6" bit and Robinson 7" casing scraper. Ran bit to 9022' and drilled out cement to 9143' (no cement past this point.) Circulated hole for three hours and started out of hole.

6-3-76

Finished pulling out of hole. Ran McCullough Services jet perforating gun to 9139' and shot four 1/2" holes in casing. Ran Lynes Conventional Tester to 9106' with tail to 9123' with 1030' water cushion. Readings indicated a good test - as follows:

Recorder at 9100'

IH - 3175
FH - 3175
IF - 425
FF - 430

Recorder at 9118'

IH - 4000
FH - 4000
IF - 510
FF - 520

Recorder at 9123'

IH - 4000
FH - 4000
IF - 510
FF - 520

6-4-76

Ran Baker 7" Model "C" retrievable bridge plug 35' and set it. Started preparing cellar for wellhead work.

6-5-76

Jack-hammered cellar 4' below wellhead (solid concrete) to prepare for unlanding 7" casing and cut off.

6-6-76

Rig idle.

6-7-76

Unlanded 7" casing string using Alco Jacks and Midway Fishing Tools spear with 210,000# pull. Cut off old 13 3/8" casing head, threaded 7" casing stub and installed 7" 29# extension - tested it to 4000 psi. Welded on new 13 3/8" wellhead - wrapped weld in asbestos blankets for three hours. X-rayed weld - checked out O.K.

6-8-76

Using Conrock Ready-Mix trucks, filled old cellar to 4' below ground level (49 yards.)

6-9-76

Re-landed 7" casing in new 13 5/8" wellhead with 250,000#. Installed 13 5/8" x 5000# seal flange adapter and tubing head. Tested seals to 4000 psi for 20 minutes. Re-installed B.O.P.E. and tested with water and nitrogen to 3000 psi (tested O.K.) Witnessed declined by D.O.G. Mr. Larry Bright. Pulled Baker Model "C" Retrievable bridge plug out of hole. Started in hole with 7" fullbore cementer.

6-10-76

Set Baker fullbore at 7000', using B.J. Pump tested below tool to plug at 9160' to 2000 psi (20 minutes - O.K.) Tested above tool to surface to 2500 psi (20 minutes - O.K.) Moved tool up to 4500' and tested to surface at 3000 psi (20 minutes - O.K.) Moved tool up to 3250', pressured to 3500 psi; pressure dropped 500 psi in one minute. Re-set tool at 3255' and started pumping away at 3250 psi when tubing jumped and pressure dropped again. Pulled out of hole; had collapsed joint 2800' from surface. Ran tubing and packer back to 3250'. Set tool and pressured tubing to 1000 psi (Held tubing pressure while pressuring casing); reached 2200 psi on casing and began pumping away 8-10 cu. ft./minute for one minute when tubing jumped and pressure equalized between tubing and casing at 1000 psi. Pulled tubing and found collapsed joint 1950' below surface. Shut down to call Hydrotest.

6-11-76

Finished pulling tubing out of hole. Laid down two more joints of collapsed tubing (Total = four joints.) Hydrotested in hole with Baker Fullbore and Retrievable bridge plug on tubing. Set bridge plug at 3459'. Moved packer up to 3250', tested below tool to 2000 psi - O.K. Isolated hole in 7" casing at 3242'. Pulled out of hole - took off Baker Retrieving tool for bridge plug - ran tubing and packer back in hole to 3400'. Spotted 5 sacks of sand on plug, moved tool up to 3086' and set it. Using B.J. Pump Truck, mixed and spotted 300 sacks of Neat "G" cement with 3% calcium chloride with 20 cu. ft. of fresh water ahead and behind. Pumped at a rate of 1 cu. ft./minute throughout total displacement. Reached maximum pressure of 550 psi. Cleared hole in casing 10 cu. ft. and shut tubing in.

6-12-76

Started second cement job, using B.J. Service - truck broke down, would not mix cement. Pumped the displacement of tubing and casing to 10 cu. ft. and rigged down B.J. Mixed 225 sacks of Neat "G" cement with 3% calcium chloride (258 cu. ft. slurry) with 20 cu. ft. water ahead and behind. Maximum pressure before clearing hole in pipe of cement 750 psi. Waited three hours. Took Injection test - 1000 psi 3 cu. ft./minute. Mixed and spotted 150 sacks of Neat "G" cement with 3% calcium chloride with 20 cu. ft. of water ahead and behind - displaced 74 sacks (85 cu. ft.) and reached squeeze pressure of 1500 psi. Checked for back-flow into Dowell tank (none.) Released tool and backscuttled tubing displacement. Re-set tool and pressured to 1500 psi. Shut in.

6-13-76

Rig idle.

6-14-76

Released Baker packer and pulled out of hole. Made up 6" bit and Robinson 7" casing scraper and ran to 3094' (top of cement.) Drilled to 3427', circulated hole and shut down.

6-15-76

Drilled to 3447'. Circulated hole and pulled out. Ran Baker fullbore to 3224', set it, and pressured down tubing to 1500 psi - pressure dropped 500 psi in three minutes. Established injection rate of 2 cu. ft./minute in 3-1/2 minutes at 1500 psi. Released Baker tool and pulled out of hole. Ran back to 3252' with open-end tubing. Preceded by 25 cu. ft. of fresh water and followed by 5 cu. ft. of fresh water, mixed, spotted and balanced 30 sacks of cement mixed with 10% Calseal (48 cu. ft. slurry); pulled 240' of tubing to be above cement, pressured to 2000 psi for 20 minutes, backscuttled - re-pressured tubing to 2000 psi and shut well in. Estimated 10 cu. ft. displaced before pressure stabilized.

6-16-76

Set down on cement at 3057'. Pulled out of hole. Made up 6" bit on Robinson 7" scraper and drilled cement from 3057' to 3247'.

6-17-76

Pulled tubing bit and scraper - ran Baker fullbore to 3207', set it and pressured squeezed hole to 1500 psi - held for 20 minutes. Pressured casing to 3500 psi for 20 minutes - held O.K. Pulled tool up to 2251' and set it. Began to pressure tubing back to 1500 psi to prevent collapsing the tubing string during casing pressuring (4000 psi) - reached 1350 psi when squeezed hole, broke down at 8 cu. ft./minute under 1200 psi. Tested casing 4000 psi on annulus for 20 minutes - held O.K.; pulled packer out of hole and ran back with open-end tubing to 3252'; preceded by 25 cu. ft. of fresh water and followed by 5 cu. ft. fresh water, mixed, spotted, and balanced 25 sacks (42 cu. ft.) of cement with 10% Calseal and squeezed at 2000 psi.

6-18-76

Pulled tubing out of hole - made up 6" bit and Robinson 7" scraper on tubing - ran to 3050' (top of cement) and drilled cement to 3253'.

6-19-76

Tested leak at 3242' to 1500 psi for 20 minutes - O.K. Pulled out of hole with 6" bit and 7" 23# scraper. Made up 7" 29# positive scraper on tubing to make sure casing patch to be run will go in hole. Drilled out tight spot from 3435' to 3460', ran to top of retrievable bridge plug (3478') - circulated hole. Pulled out of hole and ran back to 3400' with Baker retrieving tool and shut down.

6-20-76

Rig idle.

6-21-76

Retrieved Baker Model "C" retrievable bridge plug from 3460'. Ran in hole with Johnston retrieving tool, circulated sand off plug (5 sacks) and started out of hole.

6-22-76

Pulled Johnston retrievable plug out of hole. Ran in hole with 4 1/8" bit and Robinson casing scraper for 5" 18# casing and cleaned out to 9429'. Started out of hole.

6-23-76

Pulled out of hole. Rigged up Welex and made 5 runs with their 3 1/8" O.D. Super-Dyna Jet Guns and had finished shooting interval from 9330' to 9428' when the Welex electric line parted, leaving 575' of 5/16" line, a 3 1/8" O.D. collar locator and a 20' x 3 1/8" O.D.

6-23-76
(cont'd)

gun in the hole. Made up fishing assembly using Midway fishing tools on 3 1/8" spear, 3 1/8" jars, bumper sub and three 3 1/8" drill collars. Ran to 9002' (27' off bottom) - pulling to determine if recovered any of fish.

6-24-76

Pulled out of hole with spear. Made up another Fishing Assembly, using 4 1/8" x 3 1/8" Bowen overshot, 3 1/8" jars and bumper subs, three 3 1/8" drill collars. Ran tubing to 9427', got hold of fish and retrieved gun and collar locator but no wire line. Ran 20 stands in hole and shut down.

6-25-76

Finished perforating with Welex 3 1/8" Super-Dyna jet guns. Intervals shot are: 9250' to 9300'; 9330' to 9428'; 592' of holes 4/ft. Made up 4 1/8" bit on Robinson 5" casing scraper, ran to 9429', circulated hole and started out of hole.

6-26-76

Ran Baker 7" 29# Retrieval-"D" packer on McCullough Electric Line to 9160' and set it. Ran Go-International 6.12" O.D. x 5.5" I.D. casing patch to 3128' (130' short of setting place.) Patch stopped and would not move up or down 50,000#. Fired setting mechanism to release setting tools and started out of hole. (Patch is now set from 3095' - top - to 3128' - bottom.)

6-27-76

Rig and crew idle.

6-28-76

Pulled out and laid down Go-International tools. Ran McCullough spear with 5 1/2" slips on Midway fishing assembly, including jars and bumper sub. Recovered top swage from Go-International casing patch. Ran back in hole and engaged fish at 3095'. Jarred on fish (25,000#) for 2-1/2 hours. Released spear, pulled out and laid down fishing assembly and drill collars. Ran 20 doubles and secured well. Unloaded drill collars and fishing tools. Will attempt to jar out with larger tools.

6-29-76

Ran Midway fishing assembly and recovered 10' section of Go-International casing patch. Made run #3 and recovered 10' section of fish; made run #4 and recovered 10' section of fish; made run #5 and recovered 10' section of fish. Ran 20 doubles and secured well.

6-30-76

Ran Bowen-ITCO spear with 5 1/2" grapple Bowen jars and bumper sub. Jarred on bottom packer of Go-International casing patch until jars failed to work. Unable to release spear. Ran McCullough string shot with collar locator. String shot failed to fire.

7-1-76

Backed off fishing string above bumper sub at 3095'. Pulled out and replaced jars. Ran back and screwed into bumper sub. Jarred loose and pulled out of well leaving bottom packer of Go-International casing patch and damaged grapple from Bowen-ITCO spear. Ran Servco 6.15" taper mill which stopped at 3103'.

- 7-2-76 Pulled mill and ran 6" impression block. Pulled impression block and ran 5 3/4" casing swage. Swaging operation unsuccessful. Pulled swage and ran 6.15" taper mill to 3102'. Mixing mud.
- 7-3-76 Milled out bottom seal assembly from Go-International casing patch from 3103' to 3105'. Reamed to 3135' completely free. Ran 6.15" taper mill to 3286' and circulated hole clean. Pulled to 3030' and secured well. (Two pieces of Midway Fishing Tools grapple on top of packer at 9160' - 8" long by 4" wide.)
- 7-4-76 and
7-5-76 Idle.
- 7-6-76 Rotated 6.15" O.D. mill from 3105' to 3286', ran mill to 9155'. Circulated hole for two hours and pulled tubing out of hole. Made up 5" O.D. Midway Fishing Tools magnet on two joints of 2 7/8" tubing and ran it to 9160' on CPS Sand Line. Recovered handful of milled cuttings. Ran 20 stands of tubing in hole and shut well in.
- 7-7-76 Pulled tubing out of hole and ran 5" O.D. Midway Fishing Tools magnet on sand line to 9160' two times, recovering a handful of cuttings each run. Made up 6" O.D. Midway Fishing Tools magnet on two joints of tubing, ran to 9160', started out of hole and had stranded sand line in several places from 6000' in hole back to 1500' in hole. Spliced sand line, laid down magnet and started in hole with Midway Fishing Tools 6" O.D. x 4 3/4" I.D. junk mill with carbide-tipped shoe with bumper sub and six 4 3/4" drill collars.
- 7-8-76 Finished running in hole with Midway Fishing Tools carbide-tipped 6" x 4 3/4" mill shoe with junk catcher. Cleaned out from 9152' to 9153' and milled from 9153' to 9154'; had indication that mill was working over junk, therefore came out of hole, had nothing in junk catcher. Ran 5" O.D. magnet on sand line; picked up hand full of iron. Started back in hole with mill.
- 7-9-76 Ran Midway fishing tools 6" O.D. x 4 3/4" I.D. mill back to 9153'; milled to 9155'; circulated hole and pulled out of hole. Lost fingers out of catch from being over fish 16". Ran 20 stands of tubing in hole and shut down.
- 7-10-76 Ran 6" O.D. magnet on sand line to 9155'. Recovered handful of cuttings. Ran 5 1/2" O.D. magnet on sand line, it only went to 7760'. Pulled out of hole with magnet and put 4 stands of tubing for weight on magnet and ran back to 7760'. Still would not go down hole to 9160'. Made up Midway fishing tools 6" O.D. x 4 3/4" I.D. reversing-type junk catcher with carbide-tipped mill shoe, ran to 7760' loosened up bridge; ran to 9155' circulated with reversing ball in place for two hours and started out of hole.

7-11-76

Idle.

7-12-76

Finished pulling out of hole with Midway reversing-type junk mill (recovered 8" x 4" x 1" piece of grapple.) Made up 5" O.D. magnet on four stands of 2 7/8" tubing and ran it to 9155' - came out with three pieces of iron and fine cuttings. Ran the 5" magnet three more times, recovering thin pieces of iron. Made up Midway fishing tools 6" O.D. x 4 3/4" I.D. reversing-type junk catcher with carbide tipped mill shoe and ran back in to 9150' and shut down.

7-13-76

Ran Midway reversing-type junk catcher to 9155', dropped reversing ball and pumped for 1-1/2 hours. Pulled out of hole and recovered nothing (lost 5 fingers out of Grab.) Ran Midway 5 1/2" O.D. magnet on sand line, recovered one piece of metal 1" x 2". Made up Midway fishing tools Dumble Grab on to fishing assembly (junk sub, hydraulic jars, four drill collars) and ran to 9155'.

7-14-76

Set Midway fishing tools Dumble Grab and pulled out of hole (recovered nothing.) Dumble Grab was open as if something had been in it. Ran Midway fishing tools 5 1/2" O.D. magnet on sand line (recovered nothing.) Ran Midway Dumble Grab back to 9155', closed it and pulled out of hole (recovered 4" x 8" piece of spear.) Started back in hole with Dumble Grab again (one piece of spear left in hole.)

7-15-76

Ran Dumble Grab to 9155'. Closed tool and pulled out of hole - recovered the last 4" x 8" piece of spear lost in hole.) Made up 3 1/8" O.D. x 7' Slick Joint with carbide tipped end on drilling assembly to 9163' (through packer bore) - raised tool to 9155' and circulated hole. Started out of hole.

7-16-76

Finished pulling 3 1/8" Slick Joint out of hole. Ran Baker Oil Tools retrieving tool for 7" Retrieva-"D" packer to 9155'. Released packer and pulled out of hole. Made up 3 1/6" sawtooth collar on 2 3/8" tubing tail and ran tubing to 9387', tagged fill, pulled above liner and shut down.

7-17-76

Cleaned out well to 9429'. Circulated hole and pulled out - (had trouble working tubing back out of liner due to Baker rubber packing element getting beside tubing string.) Made up 6.125" O.D. Servco mill on drilling assembly and ran to 3521' (still having trouble with rubber floating in casing.)

7-18-76

Idle.

7-19-76

Pulled out of hole with Servco mill. Ran Baker wire line junk basket with 6" O.D. gauge ring. Tool hesitated at 3090' and 3120', but went on to 9155' and then stopped. Had to work it loose (pulled 5000# to free it.) Made up new Servco mill (6.15" O.D.) and started in hole.

7-20-76

Ran 6.15" O.D. Servco mill to 3031' and milled to 3301'. Stopped rotation and ran to 3406' and hit Baker rubber packing element lost in hole from Retrieva-"D" packer. Pushed rubber to 8380' when tools stopped. (Took 50,000# over tubing weight with hydraulic jars barely working.) Circulated hole and started out.

7-21-76

Pulled out of hole. Ran 6" O.D. wireline junk basket while waiting on new mill. (Stopped at 8366'.) Made up Servco 6" O.D. flat-bottomed junk mill. Ran to 9237' and milled up rubber to 9237'. Circulated hole and started out.

7-22-76

Ran Baker 7" Retrieva-"D" packer on "GO" electric line to 9140' and set it. Ran "GO" casing patch on tubing and set across interval from 3226' to 3258'. Pulled 30 stands of tubing and shut down.

7-23-76

Finished pulling tubing and "GO" tools out of hole. Started in hole with Baker 80-32 anchor seal assembly; 10' blast joint; 2 7/8" O.D. x 1.81 "No-Go" nipple; 20' blast joint, Camco 2 7/8" KP.5 safety valve housing with "EH" valve closed, and 8 Camco 2 7/8" KBM mandrels; breaking off 2 7/8" tubing collars and replacing them with inspected ones, and testing the tubing string to 5000 psi for one minute.

7-24-76

Continued running tubing, changing collars and hydrotesting tubing. Landed Baker Seal Assembly in packer. Pulled 20,000# over tubing weight on seal assembly latch. Landed tubing with 5000# on packer. Shut well down.

7-25-76

Idle.

7-26-76

Removed B.O.P.E. Installed Christmas tree and tested to 5000 psi. Displaced polymer mud with waste lease salt water. Installed blanking plug in "No-Go" nipple and tested packer and seals to 2000 psi. Retrieved blanking plug. Rigged down and released rig.

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

REPORT ON PROPOSED OPERATIONS No. P 276-154

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

Santa Paula, Calif.
May 20, 1976

DEAR SIR:

(037-00648)

Your proposal to alter casing Well No. "SFZU" SF-2
Section 33, T. 3N, R. 16W, S.B.B. & M., Aliso Canyon Field, Los Angeles County,
dated 5/13/76, received 5/17/76, 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. THIS DIVISION SHALL BE NOTIFIED TO WITNESS A PRESSURE TEST OF THE BLOWOUT PREVENTION EQUIPMENT BEFORE COMMENCING DOWNHOLE OPERATIONS.

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

Blanket Bond
MD:b

HAROLD W. BERTHOLE
JOHN F. MATTHEWS, Jr., State Oil and Gas Supervisor

By *[Signature]*, Deputy

DIVISION OF OIL AND GAS

MAY 17 1976

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
<i>[Signature]</i>	<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 #2, 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. 9471'
- Complete casing record, including plugs and perforations:
 - 13 3/8" cemented 1594'
 - 7" cemented 9245', WNSO 9153', squeezed and pressure tested to 1000 psi. Perforated 9208'-9190', 9180'-9172'
 - 5" cemented 9467', cement plug 9429', top of liner 9237' squeezed lap at 9237' - pressure tested O.K. Perforated 9330'-9322', 9316'-9308'.

- Present producing zone name SESNON Zone in which well is to be recompleted -
- Present zone pressure 2600 psi New zone pressure -
- Last produced S.I. 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 pressure test.
- Pull tubing. Clean out to 9429'. Run Neutron lifetime and cement bond logs.
- Perform any indicated remedial work. Install new wellheads.
- Pressure test 7" casing. Perform any indicated remedial work.
- Perforate Sesnon Zone sands as indicated by logs.
- Run packer, tubing, 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. 5/13/76
(Name) (Date)
Type of Organization Corporation
(Corporation, Partnership, Individual, etc.)

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 requested 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 
Deputy Supervisor

HISTORY OF OIL AND GAS WELL

SEP 21 1961

INGLEWOOD, CALIFORNIA

Operator: Porter Sesnon, ^{et al} (Barbara Sesnon Cartan, Wm. T. Sesnon Jr.),
(Tenants in Common)

Field: Aliso Canyon

Well: "Sesnon Fee" #2 Sec. 33, T 3 N, R 16 W, S. B. B. & M.

Date: September 13, 1961

L. P. Sacre
Petroleum Engineer

Replace 5-1/2" perforated liner with 5" blank liner, cement in place and gun perforate.

- 6/5/61 Ran temperature survey.
- 6/8/61 Ran 48 hour static bottom hole pressure.
- 6/9/61 to 6/11/61 California Production Service Inc. moved in equipment and rigged up.
- 6/12/61 Installed G.K. Hydril with 40 gallon accumulator and National 2-7/8" ram blowout preventer equipment. Circulated sump crude oil and killed well. Pulled tubing out of well and made up drill pipe.
- 6/13/61 Finished making up drill pipe and scraped 5-1/2" liner from 9214' to 9442'. Oil would not circulate.
- 6/14/61 Displaced sump oil with clean lease crude oil. Found fill at 9467'. Cleaned out to shoe at 9469'. Drilled out liner shoe with 4-3/4" bit and cleaned out to 9471' T.D. Circulated 4 hours.
- 6/15/61 Pulled out bit and ran in with McGaffey-Taylor washer with opposed swab rubbers one foot apart. Washed perforations three times. All perforations appeared to be open. Pulled out of hole.
- 6/16/61 Made up and ran Hunt hydraulic liner puller, measuring drill pipe under tension. Found top of liner at 9214'. Set 7" casing slips at 9161', 5-1/2" liner slips at 9236' and casing cutter at 9335'. Rig pulled 80,000 lbs. and liner came free. Pulled out of hole and laid down liner. Ran in with 6-1/8" bit and scratchers.
- 6/17/61 Changed oil to mud and scratched open hole reciprocating 30 feet. Lost circulation. Ran Schlumberger electric log, microlog and caliper log.
- 6/18/61 5" Liner. Made up and ran 230.15' of blank 5% o.d. flush joint, new, range 2 J-55 smls 17.93# casing. Baker whirler

- float shoe on bottom and Baker float collar 37' above shoe. Liner fitted with 5 B&W U.R.C. gravel pack type centralizers and 12 B&W reciprocating type scratchers. Reciprocated liner over 30' interval for 45 minutes. Hung liner with Burns liner hanger and adapter grooved for cementing at 9237'. Double down swab and 5" liner plug at 9278'. Oil Well Cementing Co. mixed 52 sacks of Colton slow cement with 52 c.f. of sea-lite and 3 sacks of gel to 89 lb. slurry and displaced with 20 c.f. of water and 233 c.f. of mud. Final pressure 1200#. Cement in place at 10:38 a.m. Float collar checked and held. Pulled out of hole standing cemented.
- 6/19/61 Ran in with 6-1/8 bit and 7" casing scraper and found top of hard cement at 9096'.
- 6/20/61 After standing cemented 48 hours, drilled out hard cement from 9096' to 9186'. Found no cement from 9186' to 9237', the top of the liner. Cleaned out hole to 9237' and pulled out bit and casing scraper. Ran in with Baker model C full bore retrievable cementing tool.
- 6/21/61 5" Liner lap test. Set tool at 9235' and pressure tested 5" - 7" lap. Pressure increased to 800 psi then decreased to 500#. Held at 500# for 5 minutes. Pressure tested annulus and formation took fluid at 4 c.f./min. rate with 250 psi pump pressure. Retested lap to 900 psi and formation started taking fluid at 6-10 c.f./min. Reset cement retainer at 9128' and prepared to cement.
- Squeeze perforations 9172'-9180', 9190'-9208', 9212'-9225' and liner lap. Mixed 75 sacks of Colton slow cement, 75 c.f. of sealite and 4% gel to 153 c.f. of 89 lb. slurry. Displaced with 10 c.f. of water and 220 c.f. of mud. Final pressure 600 psi, 133 c.f. of cement squeezed into formation, 20 c.f. left in 7" casing. Calculated top of cement at 9128'. Cement in place at 7.48 a.m. by Halliburton cementing equipment. Pulled tool out of hole, standing cemented.
- 6/22/61 Ran in with 6-1/8 bit and 7" casing scraper and found cement at 9037'.
- 6/23/61 After 48 hours standing cemented, drilled out hard cement 9037'-9041', soft-firm cement 9041'-9165', soft cement 9165'-9212', and hard cement 9212'-9237'.
- 5" Liner lap test. Ran in with Baker Model C full bore retrievable cementing tool and set at 9235'. With tool closed, increased pressure to 1000 psi inside drill pipe. Pressure held steady at 1000 psi for five minutes. Liner lap pressure tested O.K. at 1000 psi. Increased pressure in the annulus to 400 psi and the formation started taking fluid.

Squeeze perforations 9172-80, 9190-9208, 9212-25. Reset cementing tool at 9060'. Mixed 75 sacks of Colton slow cement, 75 c.f. of sealite and 2% gel to 141 c.f. of 91.0# slurry. Pumped in 20 c.f. of water ahead of cement and displaced cement with 10 c.f. of water and 242 c.f. of mud. Final pressure 1200 psi, 124 c.f. of cement squeezed away, 17 c.f. of cement remaining in 7" liner. Calculated top of cement at 9157'. Cement in place by Halliburton cementing equipment at 4:00 p.m. Pulled out cementing tool, standing cemented.

6/24/61 Ran in with 6-1/8" bit and 7" casing scraper and found top of hard cement at 9097'. Drilled out hard cement from 9097' to 9172'. Pulled back 5 stands, standing cemented.

6/25/61 After standing cemented 48 hours, ran in with 6-1/8" bit and 7" casing scraper and drilled out hard cement 9172-9202', soft cement 9202'-9222' and small bridges of cement only 9222'-9237'. After drilling out to 9212', increased pressure in the annulus to 1000 psi and held steady for 15 minutes. After cleaning out to 9237', increased pressure in the annulus to 1000# and formation started taking fluid. Pulled out bit and ran in with Baker Model C full bore retrievable cementing tool.

6/26/61 Squeeze perforations 9172'-80', 9190'-9208', 9212'-9225'. Set tool at 8970'. Mixed 75 sacks of class E, 75 c.f. of sealite and 2% gel into 141 c.f. of 90# slurry. Pumped in 20 c.f. of water ahead of the cement and displaced the cement with 10 c.f. of water and 185 c.f. of mud. Final pressure 1400 psi, 65 c.f. of cement squeezed away, 51 c.f. of cement inside 7" casing. Opened tool and backscuttled 25 c.f. of cement. Pulled back cement tool to 8597' and pressured annulus and drill pipe to 1000# and held for 3 hours. Released pressure and pulled cementing tool. Cement in place by Halliburton cementing equipment at 3:30 a.m.

6/27/61 Ran in with 6-1/8" bit and 7" casing scraper after standing cemented 36 hours and found top of hard cement 8990'. Drilled out hard cement as follows:

8990'-9172'	Hard cement
9172'-9217'	Hard cement
9217'-9218'	Soft or no cement
9218'-9224'	Streaks of cement
9224'-9227'	Soft cement
9227'-9237'	Bridges of cement

After drilling out to 9208' increased pressure to 1000# in the

annulus. Pressure held for five minutes. After cleaning out to 9237' increased the pressure in the annulus to 1000# and formation took fluid. Pulled out bit.

6/28/61

5" Liner lap test. Ran in Cook tester with 1000' of water cushion in drill pipe and set packer at 9110' tail to 9142'. Tool open 5:55 a.m. for 4 minutes. - light to medium blow. Shut in tool 5:59 a.m. for 31 minutes - shut in pressure - light blow while tool shut in.

Opened tool 6:30 a.m. - medium strong blow for 20 minutes decreasing to light medium blow for 10 minutes. Very light blow for the balance of one hour test.

Shut in tool at 7:30 a.m. for final shut in pressure.

Pulled tool loose at 8:00 a.m. Recovered at net rise of 657' of very slightly gas cut mud and 31' of muddy fresh water. Pulled tester and found tool plugged with fine sand.

Pressures recorded as follows:

	Top bomb at 9107'	Bottom bomb at 9142'
Initial hydrostatic pressure psi	4200	4600
Initial shut in pressure	580 - 2100	600 - 2260
Initial flow pressure	1980	2160
Final flow pressure	2250	2450
Final shut in pressure	850 - 2200	900 - 2350
Final hydrostatic pressure	4200	4600

Retest 5" liner lap. Ran Cook tester with 1000' of water cushion in the drill pipe and set packer at 9104' with tail at 9136'. Opened tool at 5:56 a.m. and had light blow for 15 minutes followed by a medium strong blow for the balance of a 90 minute test. Shut in tool at 7:26 a.m., surface pressure built up to 40 psi in 30 minutes. Blew down at 8:00 a.m. and released tool. Pulled tester and recovered 2068' total net rise. Backscuttled 1500' of heavy mud and gas cut oil and 268' of watery mud. Recovered 300' of watery mud below backscuttle valve.

Pressures during test recorded as follows:

	Top bomb at 9101'	Bottom bomb at 9136'
Initial hydrostatic pressure -psi	4400	4400
Initial flow pressure	650	610
Final flow pressure	1220	1200
Final hydrostatic pressure	4400	4400

6/29/61 Ran in with bit and scraper and found 14' of fill. Cleaned out fill 9223'-9237' and circulated hole clean for 3 hours. Retest 5" liner lap. Ran Cook tester with 2000' of water cushion and set packer at 9139' with tail to 9171'. Opened tool at 2:15 p.m. and had medium blow at the surface until 4:00 p.m. Attempted to swab but cement on walls of the drill pipe prevented swab from going below 1400'. Pulled packer loose at 9:00 p.m., tool open 6 hours and 45 minutes. Recovered 2820' net rise of heavy mud cut oil. Pressures during test recorded as follows:

	Top bomb at 9136'	Bottom bomb at 9171'
Initial hydrostatic pressure - psi	4400	4420
Initial flow pressure	900	1000
Final flow pressure	1920	2000
Final hydrostatic pressure	4400	4430

6/30/61 Ran in with 4-1/8" bit and 5" casing scraper and cleaned out 6' of fill from 9231'-9237'. Drilled hard cement from 9237'-9256' and found no cement from 9256'-9429.5'. Top of baffle collar at 9429.50'. Circulated 3 hours and pulled the bit.

7/1/61 Ran Schlumberger Gamma Ray - Neutron log with collar locator and shot 4 jet holes per foot from 9308'-9310', total of 8 holes. Attempted test through perforations 9308'-9310'. Ran in with Lane Wells BOCL 5" packer on 2-7/8" tubing for swab test. Packer would not set. Pulled packer and found that slips had been lost. Reran tubing with a Baker Model E 5" packer and set at 9254'. Swabbed fluid level down to 4800' when fluid equalized in tubing and annulus. Reset packer at 9315' and held 1000# pressure on the tubing. Reset packer at 9285' and had circulation with 400# down the annulus.

7/2/61 Squeeze shot holes 9308'-9310'. Ran Baker Model K cement retainer and set at 9257'. Closed tool and broke down formation at 600#. Mixed 25 sacks of cement, 25 c.f. of sealite and 2% gel into 47 c.f. of 90.1# cement slurry. Pumped in 20 c.f. of water, 47 c.f. of cement, 10 c.f. of water behind the cement and displaced with 248 c.f. of mud. There were no mud returns up the annulus throughout the operation. Cement in place by Halliburton cementing equipment at 11:00 a.m. Cleaned off tool and perforations and backscuttled. Mixed second batch of cement as follows - 50 sacks of cement,

50 c.f. of pearlite and 2% gel for a total of 94 c.f. of 90.1# cement slurry. Pumped in 20 c.f. of water, 94 c.f. of cement slurry, 10 c.f. of water and 100 c.f. of mud. Closed the tool and displaced the cement with an additional 128 c.f. of mud. 80 c.f. of cement squeezed into the formation, 5 c.f. of cement remaining in the 5" liner below the tool.

No mud returns throughout the cementing operation.

Cement in place at 5:15 p.m. maximum pressure 1200# decreasing to 900# when shut in. Backed off from Model K retainer and pulled out of hole.

7/3/61

Ran in with 6-1/8" bit and 7" casing scraper and cleaned out to top of liner.

Retest 5" liner lap - Made up and ran 7" Baker full bore packer and set at 9235' to pressure test lap. Held 2000# for 5 minutes. Bled off pressure and set packer at 8970' to attempt to place cement around 7" shoe. Squeeze perforations 9172'-80', 9190'-9208', 9212'-25' - closed tool and broke down formation with 1100# pressure at 8 c.f. per minute. Mixed 75 sacks of cement, 75 c.f. of pearlite and 2% gel into 141 c.f. of 90.1# slurry. Pumped in 20 c.f. of water, 141 c.f. of cement, followed by 10 c.f. of water. Displaced cement with 282 c.f. of mud. Maximum pressure reached 1300#, decreasing to 700# when shut in. Cleaned perforations and shut in for 3-1/2 hours. Cement in place by Halliburton equipment at 9:10 a.m.

Broke down formation with 1900# at 8 c.f./minute. Mixed second batch of cement into 141 c.f. of 90.1# slurry similar to first batch. Pumped in 20 c.f. of water, 141 c.f. of cement, 10 c.f. of water and closed tool after pumping in 59 c.f. of mud. Displaced cement with an additional 198 c.f. of mud. Maximum pressure reached during squeeze operation 2400#. Final pressure of 2000# held for 2 hours. Total of 127 c.f. of cement squeezed away. 14 c.f. of cement left in the casing. Calculated top of cement at 9150'. Cement in place at 2:45 p.m.

7/4/61

Standing cemented.

7/5/61

Ran in with 6-1/8" bit and 7" casing scraper at 8:00 a.m. and found top of hard cement at 9093'. Drilled out hard cement from 9093' to 9208'. Shut in blowout preventer and pressure tested to 1000# held steady. Increased pressure to 1500# and formation started taking small amount of fluid. Pressure increased to a maximum of 1800# and decreased to 1400# when shut in. Drilled out hard cement 9208'-9237'. Pressure tested to 1000# and formation took fluid, pressure decreasing to 400# in 4 minutes

after pump shut down.

Squeeze perforations 9172'-80', 9190'-9208', 9212'-25'. Made up and ran Baker full bore 7" packer at 8970'. Broke down formation with 1200# at 6 c.f. per minute rate. Mixed 75 sacks of class E cement, 75 c.f. of pearlite and 2% gel into 141 c.f. of 90.1# slurry. Pumped in 20 c.f. of water, 141 c.f. of cement slurry, 10 c.f. of water behind the cement and 59 c.f. of mud. Closed the tool and displaced the cement with an additional 218 c.f. of mud clearing perforations with 5 c.f. of mud. Maximum pressure reached during operation 1700#. Shut in pressure 1000# after perforations cleared. Cement in place by Halliburton equipment at 10:14 p.m. and allowed to set 4 hours.

7/6/61

Reset tool at 8970' and broke down formation with 2000#. Formation took fluid at 5-1/2 c.f. per minute at 1300W after breakdown. Mixed 75 sacks Colton Class N modified cement 75 c.f. of pearlite and 2% gel into 141 c.f. of 90.1# slurry. Pumped in 20 c.f. of water, 141 c.f. of cement slurry, 10 c.f. of water and 59 c.f. of mud. Closed the tool and displaced the cement with an additional 220 c.f. of mud, clearing the perforations with 7 c.f. of mud. Maximum pressure while squeezing cement away 2400#. Shut in pressure declined to 300#, after perforations cleared. Cement in place at 3:42 a.m. and allowed to set 4 hours.

Reset tool at 8970' and broke down the formation with 1800#, fluid going away at 5 c.f. per minute at 1500#. Shut in pressure held at 1000# after breakdown. Mixed 100 sacks of neat Colton Class N modified cement into 120 c.f. of 116# slurry. Pumped in 30 c.f. of water, 120 c.f. of cement slurry, 20 c.f. of water and 60 c.f. of mud. Closed the tool and displaced cement with an additional 205 c.f. of mud, clearing the perforations with 3 c.f. of mud. Maximum pressure during squeeze operations 3600#. Shut in pressure decline to 600# after perforations cleared. Cement in place at 9:20 a.m. and allowed to stand 3 hours.

Reset tool at 8970' and broke down formation with 2500# at injection rate of 5 c.f. per minute. Shut in pressure after breakdown 1500#. Mixed 75 sacks of net Colton Class N modified cement into 90 c.f. of 116# slurry. Pumped in 30 c.f. of water, 90 c.f. of cement, 20 c.f. of water and 90 c.f. of mud. Closed the tool and displaced the cement with 146 c.f. of mud, 63 c.f. of cement squeezed away, 27 c.f. of cement remaining inside the 7" casing. Calculated top of cement at 9085'. Maximum pressure while squeezing cement away 3000#. Shut in pressure declined to 1600#. Cement in place at 1:25 p.m. Stood cemented 24 hours.

- 7/7/61 Ran in with 6-1/8" bit and 7" casing scraper and found cement stringers at 9015' and top of hard cement at 9070'. Drilled out hard cement from 9070'-9208'. Closed hydril and pressure tested to 2000#. Pressure decreased to 1500# after 4 minutes. Found no cement from 9208'-9210', bridges of hard cement 9210'-9227' and no cement from 9227'-9237'. Pressure tested to 1400# after cleaning out to 9237'. Pressure decreased to 1000# in 3 minutes.
- 7/8/61 Squeeze perforations 9172'-80', 9190'-9208', 9212'-25'. Made up and ran Baker full bore packer and set at 8970'. Broke down formation with 1700# at 3-1/2 c.f. per minute, shut in pressure 1100#. Mixed 100 sacks of neat Colton Class N cement into 120 c.f. of 116# slurry. Pumped in 30 c.f. of water, 120 c.f. of cement, 20 c.f. of water and 60 c.f. of mud. Closed the tool and displaced cement with 210 c.f. of mud, clearing the perforations with 5 c.f. of mud. Maximum pressure during squeeze 1600#, shut in pressure decreasing to 300#. Cement in place 2:37 a.m. and allowed to stand 3 hours. Reset tool at 8970' and broke down formation with 1700# at 4-1/2 c.f. per minute injection rate. Shut in pressure decreased to 400#. Mixed 100 sacks of neat Class N modified cement into 120 c.f. of 116# slurry. Pumped in 30 c.f. of water, 120 c.f. of cement, 20 c.f. of water and 60 c.f. of mud. Closed the tool and pumped in an additional 190 c.f. of mud; 108 c.f. of cement squeezed away, 12 c.f. of cement remaining in the 7" casing. Calculated top of cement at 9165'. Maximum pressure during squeeze 1900#, shut in pressure decreasing to 1200#. Cement in place 6:20 a.m.
- 7/9/61 Ran in with 6-1/8" bit and 7" scraper and found top of cement at 9150'. Drilled out cement as follows: 9150'-55' soft cement, 9155'-81' firm cement, 9181'-82' no cement, 9182'-9206' very hard cement, 9206'-10' hard cement, 9210'-17' soft cement, 9217'-19' medium-soft cement, 9219'-37' no cement. Circulated hole clean and pulled bit. Ran in with 4-1/8" bit and 5" casing scraper and found top of cement at 9247' in the 5% casing. Drilled out cement and Model K cement retainer as follows: 9247'-55' hard cement, 9255'-57' cement retainer, 9257'-9306' hard cement, 9306'-9307' no cement, 9307'-10' firm cement, 9310'-9429' no cement. Circulated hole clean and changed over fluid in the hole from mud to lease crude oil.
- 7/10/61 Jet perforated 9322'-9329.5', 9308'-9315.5'. Schlumberger ran in with a 3-1/2" S.C. jet gun and collar locator and shot 4-1/2" holes per foot from 9322'-9329.5' and 9308'-9315.5'.

Gun perforated 9190'-9208', 9172'-9180'. Schlumberger ran in a 4" S III bullet gun with collar locator attached and shot 4-1/2" holes per foot from 9190'-9208' and 9172'-9180'. All depths based on original E. log measurements.

7/11/61 Swab test intervals 9172'-80', 9190'-9208', 9308'-9315.5', 9322'-9329.5'. Ran 7" Lane Wells B.O.C.L. circulating type packer and set at 9129'. Swabbed fluid level down to 7000' in 3 hours, after standing 1-1/2 hours fluid rose to 4800'. Continued swabbing from 8000' and swabbed 37 barrels of fluid in 7 hours, cut on last swab load 98% water. After standing 1 hour fluid rose from 8500' to 7500'. Continued swabbing for an additional 5 hours and recovered 12 bbls. of fluid, final cut 32% water and 4% mud. Fluid level remaining at 7800' during swabbing operation. Net oil rate 38 barrels per day. Released packer and pulled the tubing.

Reperforated interval 9190'-9206', 9172'-80'. McCullough Tool Co. ran in their 4-3/4" O.D. strip 'Super Formation' jet gun with collar locator attached and shot one hole per foot with an 80 gram shape charge from 9190'-9206' and 9172'-80' after checking collars.

7/12/61 Ran in with 4-1/8" bit and 5" casing scraper and found bridge at 9336'. Rotated drill pipe and bridge dropped to bottom at 9429'. Circulated hole clean and laid down drill pipe. Ran 279 joints of 2-7/8" E.U. tubing with D&B full hole pump shoe at 8596', tubing catcher at 8412' and a Venturi shoe on bottom at 9119.30'. Landed tubing and installed Xmas tree.

7/13/61 Released drilling rig and commenced tearing out.

7/14/61 Moved in production hoist, ran 1-3/4" x 20' Axelson insert pump and placed well on production. Well would not pump leak in tubing.

7/15 & 7/16/61 Pulled tubing and hydrotested in the hole. Well on the pump 4:45 p.m. 7/16/61. Pumped 179 bbls. gross in 14 hours average cut 50%.

	Production			
7/17/61	126 bbls. gross,	92 bbls. net oil,	27% water,	C.H.P. 0#
7/18/61	40 " "	32 " " "	20% "	6 mcf/gas
7/22/61	47 " "	45 " " "	5% "	47 mcf/d gas
8/6/61	40 " "	39 " " "	3% "	23 " "

James Burns
Petroleum Engineer

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONS

No. P. 161-460

Mr. Porter Seson
2 Pine Street
San Francisco 11, California
Agent for PORTER SESON, ET AL

Inglewood Calif.
May 16, 1961

DEAR SIR:

Your proposal to plug and alter casing Well No. "Seson Fee" 2,
Section 33, T. 3 N., R. 16 W S B.B. & M., Aliso Canyon Field, Los Angeles County,
dated May 12, 1961, received May 15, 1961, 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. 9471'
2. Complete casing record.
13-3/8" cemented at 1594'
7" cemented at 9245'. W.S.O. at 9153'
255' of 5 1/2" liner at 9469', Top liner at 9213.5'
perforated 2" x 30 M, 12 rows, 6" centers from 9243'-9469'
Jet perforated 4-1/2" holes/ft. 9212'-9225'
Gun perforated 6-15/32" holes/ft. 9190'-9208', 9172'-9180'
3. Last produced. 5-10-61 49 B/D 20° 57 1/2
(Date) (Net Oil) (Gravity) (Cut) "

PROPOSAL

"The proposed work is as follows:

1. Recover 5 1/2" liner. If liner is not readily recoverable, plug back with cement to within a few feet of 7" casing shoe. Redrill to total depth. Run IES log.
2. Run cement and test liner lap of 5" o.d. casing.
3. Perforate solid liner at selected intervals. Intervals to be selected after analysis of IES log. "

DECISION

THE PROPOSAL IS APPROVED.

KPL:cmh

cc Company

*Records covering this P report
were received on 9-21-61.*

S.L.

MAY 15 1961

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

INGLEWOOD, CALIFORNIA

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

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

San Francisco, Calif. May 12, 1961

DIVISION OF OIL AND GAS

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of deepening, redrilling, plugging and/or altering casing at Well No. "Sesnon Fee" #2

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

Aliso Canyon Field, Los Angeles, County.

The present condition of the well is as follows:

1. Total depth. 9471'

2. Complete casing record.

- 13-3/8" cemented at 1594'
7" cemented at 9245'. W.S.O. at 9153'
255' of 5 1/2" liner at 9469', Top liner at 9213.5' perforated 2" x 80 M, 12 rows, 6" centers from 9243'-9469'
Jet perforated 4-1/2" holes/ft. 9212'-9225'
Gun perforated 6-15/32" holes/ft. 9190'-9208', 9172'-9180'

3. Last produced. 5-10-61 (Date) 49 B/D (Net Oil) 20° (Gravity) 57% (Cut)

The proposed work is as follows:

- 1. Recover 5 1/2" liner. If liner is not readily recoverable, plug back with cement to within a few feet of 7" casing shoe. Redrill to total depth. Run IES log.
2. Run, cement and test liner lap of 5" o.d. casing.
3. Perforate solid liner at selected intervals. Intervals to be selected after analysis of IES log.

Table with columns: MAP, MAP BOOK, CARDS, BOND, PERMS. Includes handwritten entries: Bedull, Blanket, EB, EB.

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

By L.P. Sacre Petroleum Engineer

RECEIVED
JAN 7 1957

DIVISION OF OIL AND GAS

LOS ANGELES, CALIFORNIA

History of Oil or Gas Well

Porter Seanon, (Barbara Seanon Cartan, Wm.)

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

Well No. "Seanon Fee" No. 2, Sec. 33, T. 3N., R. 16W., S.B. B & M.

Signed [Signature]

Date December 31, 1956

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 1956 (Refer to No. P156-1760, December 13, 1956, Division of Oil and Gas Form No. 111)
- Dec. 19 California Production Service moved in, rigged up and pulled rods and tubing. After removing the x-mas tree, the Hydril blow-out prevention equipment was installed.
- Dec. 20 Lane-wells ran a junk basket on their wire line and it located the fluid level at 3690'. After checking collars, located top of liner. Jet perforated interval 9225' to 9212' through liner and 7" casing; Lane-wells ran 4" o.d. cone jet gun with collar locator and after checking collars and correcting odometer to agree with original casing measurements, accurately located the top of the liner hanger at 9210'. Jet perforated 4 holes per foot (52 holes) from 9225' to 9212'. Checked fluid level at 3610' while running in hole. Gun perforated interval 9208' to 9190' through 7" casing; Ran Lane-wells 2-7/16" o.d. 4-2 gun with No. 7 powder together with collar locator. The odometer was corrected 7-1/2' to agree with original casing measurements and the top of the liner was checked at 9210'. Fluid level was checked at 3790' while going in hole. Shot six 15/32" holes per foot (108) from 9208' to 9190'. Gun perforated interval 9180' to 9172' through 7" casing; Ran Lane-wells 2-7/16" o.d. 4-2 gun with No. 7 powder. Checked collars and shot six 15/32" holes per foot (48 holes) through 7" casing from 9180' to 9172'. Coming out of hole on last run, checked fluid level at 2950'. Tubing; Ran 297 joints of 2-7/8" o.d. Spang e.u. tubing and hung in National ram type tubing head at 9120.30'. Hydro tested each joint of tubing while going in hole.
- Dec. 21 Swabbing; The well was swabbed from 8:00 a.m. to 4:00 p.m. and returns were all water with traces of oil. There were no returns of mud or gas and there was no follow-up after each run. The fluid level at the beginning was 2100' which lowered to 3200' where it remained for the last 5 hours of swabbing.

JAN 7 1957

DIVISION OF OIL AND GAS

History of Oil or Gas Well

LOS ANGELES, CALIFORNIA

Porter Seanon, Barbara Seanon Cartan,
OPERATOR Wm. T. Seanon Jr., Tenants in FIELD Aliso Canyon
Common
Well No. "Seanon Fee" No. 2, Sec 33, T. 3N., R. 16W., S. 12., B. & M.

Signed

Date December 31, 1956

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

1956

- Dec. 21 (Cont) An attempt was made to run rods and pump but it was abandoned due to the high velocity wind.
- Dec. 22 Idle.
- Dec. 23 Ran rods and set pump at 7002' with Page anchor. Well was placed on production at 3:00 p.m., December 23, 1956.

Production

<u>Date</u>	<u>Gross</u>	<u>Water</u>	<u>Net Oil</u>	<u>Cut</u>	<u>Casing Pressure</u>	<u>Gas MCF/D</u>
12-23-56	239/17 hours	60	179	25%	700	50
12-24-56	233	105	128	45%	1100	43
12-25-56	234	98	136	42%	1200	49
12-26-56	232	109	123	47%	1350	94
12-27-56	235	115	120	49%	1400	106
12-28-56	235	113	117	50%	1400	

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCESDIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONS

No. P. 156-1760

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

Los Angeles 15 Calif.
December 18 19 56

DEAR SIR:

Your proposal to alter casing Well No. "Sesnon Fee" 2
Section 33, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon Field, Los Angeles County,
dated Dec. 14, 1956, received Dec. 17 19 56, 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. Complete casing record.

Total Depth - 9471'.

13-3/8" casing cemented at 1594'.

7" casing cemented at 9245', W.S.O. at 9153', holes squeezed.

5-1/2" liner hung at 9469' with top of hanger at 9214'.

Perforated interval 9243' to 9469' - 2" x 80M, 12R x 6" centers.

2. Present production December, 1956	53	20°	30%
(Date)	(Net Oil)	(Gravity)	(Cut)

PROPOSAL

"The proposed work is as follows:

- Pull rods and tubing. Install blowout prevention equipment.
- Gun perforate six 15/32" holes per foot from 9172' to 9180' and from 9190' to 9212'.
Jet perforate four holes per foot from 9216' to 9225'.
- Run tubing and rods and return well to production."

DECISION

THE PROPOSAL IS APPROVED.

FEK:OH

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

Easton & Sacre
1716 Oak Street
Bakersfield California

E. H. MUSSER, State Oil and Gas Supervisor

By *R. H. Walling*, Deputy

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

DIVISION OF OIL AND GAS
RECEIVED
DEC 17 1956
LOS ANGELES, CALIFORNIA

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

This notice must be given fifteen days before work begins when possible

San Francisco Calif. December 14, 19 56

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at well No. "Sesnon Fee" 2
(Cross out unnecessary words)

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

The present condition of the well is as follows:

- 1. Complete casing record.

Total Depth - 9471'.
13-3/8" casing cemented at 1594'.
7" casing cemented at 9245', W.S.O. at 9153', holes squeezed.
5-1/2" liner hung at 9469' with top of hanger at 9214'.
Perforated interval 9243' to 9469' - 2" x 80M, 12R x 6" centers.

Present production
2. ~~Last produced~~ December, 1956 53 20° 30%
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- 1. Pull rods and tubing. Install blowout prevention equipment.
- 2. Gun perforate six 15/32" holes per foot from 9172' to 9180' and from 9190' to 9212'. Jet perforate four holes per foot from 9216' to 9225'.
- 3. Run tubing and rods and return well to production

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

MAP MAP BOOK CARDS FORMS
114 121
Porter Sesnon, (Barbara Sesnon Cartan, Wm. T. Sesnon Jr., Tenants in Common)
(Name of Operator)
By [Signature]
Easton & Sacre, Engineers

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

REPORT OF CORRECTION OR CANCELLATION

Los Angeles 15 California

December 29 19 53

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

Agent for Porter Seannon et al

Dear Sir

In accordance with your letter dated December 8, 1953
(letter, form, etc.)
the following change pertaining to your well No. "Seannon Fee" 2
Sec. 33, T. 3 N, R. 16 W, S B B. & M., Aliso Canyon field,
District No. 1, is being made in our records:

The corrected location is

The corrected elevation is

Report No. _____, dated _____, has been
corrected as follows:

Correction	By Whom
Section	
Range	
Township	
Meridian	
Well Records	
Field Maps	
Map Book	

Your notice to _____ dated _____
(Drill, abandon, etc.)
and our report No. P _____, issued in answer thereto, are hereby cancelled
inasmuch as the work will not be done.

Other: We have corrected our copy of your Well Summary Report, dated August 12, 1953,
to show the size of hole drilled for the 5-1/2" casing to be 8" and 7-5/8" instead
of 11" as shown on the report.

FAK:OH

cc Mr R D Bush (2)
Easton & Sacre
Porter Seannon et al

Yours truly

R. D. BUSH
State Oil and Gas Supervisor

By *B. M. Halling*
Deputy Supervisor

EASTON & SACRE
CONSULTING PETROLEUM ENGINEERS
1660 OAK STREET
TELEPHONE 2-3934
BAKERSFIELD, CALIFORNIA

December 8, 1953

Division of Oil and Gas
1015 W. Olympic Blvd.
Los Angeles 15, California

Gentlemen:

We wish to bring your attention to a typographical error on your form 100 for the "Sesnon Fee" #2 well, located in the Aliso Canyon Field, Sec. 33, T. 3 N., R. 16 W.

Under the heading "Casing Record", the size hole drilled for the 5-1/2" casing should be 8" and 7-5/8" rather than 11" as shown.

Very truly yours,

H. M. Allen

Easton & Sacre
by H. M. Allen

cc: Porter Sesnon

12/9/53

Write Correction Letter
JK

STATE OF CALIFORNIA
 DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

AUG 26 1953

WELL SUMMARY REPORT

LOS ANGELES, CALIFORNIA

Operator Porter Sesnon, Barbara Sesnon Cartan,

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

Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. R. B. & M.

Elevation above sea level 2139.4' ground feet.

Location 3797.72' S. & 5598.94' W. from Station 84 All depth measurements taken from top of Kelly Bushing which is 13.6 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 August 12, 1953

Signed Porter Sesnon

Easton & Sacre
 (ENGINEERS & GEOLOGISTS)

Don Gordon
 (SUPERINTENDENT)

Title Tenant
 (PRESIDENT, SECRETARY OR AGENT)

Commenced drilling April 21, 1953

Completed drilling July 19, 1953 Drilling tools Rotary

Total depth 9171' Plugged depth None

GEOLOGICAL MARKERS

DEPTH

Junk None

Top Sesnon zone 9217'
 (Drill depth)

Commenced producing July 19, 1953
 (DATE)

Flowing Approx. 200 gpm
 (CROSS OUT UNNECESSARY WORDS)

Initial Production 20
 Production after 30 days

CLEAN OIL BBL. PER DAY	GRAVITY CLEAN OIL	PER CENT WATER INCLUDING EMULSION	GAS MCF. PER DAY	TUBING PRESSURE	CASING PRESSURE
680	19.6	1.7%	Approx. 160	100#	0#
328	20.5	0.1%	G/O 110	360	2310

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	NO. OF SACKS OF CEMENT	DEPTH OF CEMENTING IF THROUGH PERFORATIONS
<u>20" & 22"</u>	<u>148'</u>	<u>Conductor pipe</u>							
<u>13-3/8"</u>	<u>1594'</u>	<u>Surface</u>	<u>Btm, 570</u> <u>61# bal</u> <u>51.5#</u>	<u>New</u>	<u>Seamless</u>	<u>J-55</u>	<u>18-5/8"</u>	<u>See History</u>	
<u>7"</u>	<u>9215'</u>	<u>Surface</u>	<u>23,26&29#</u>	<u>New</u>	<u>Seamless</u>	<u>N-80</u>	<u>11"</u>	<u>500</u>	
<u>* 5-1/2"</u>	<u>9169'</u>	<u>9211'</u>	<u>19.81#</u>	<u>New</u>	<u>Seamless</u>	<u>J-55</u>	<u>8" & 7-5/8"</u>	<u>None</u>	

PERFORATIONS *Correction letter 12-29-53 oh

SIZE OF CASING	FROM	TO	SIZE OF PERFORATIONS	NUMBER OF ROWS	DISTANCE BETWEEN CENTERS	METHOD OF PERFORATIONS
<u>5-1/2"</u>	<u>9213</u>	<u>9169</u>	<u>2" x 80 M</u>	<u>12</u>	<u>6"</u>	<u>6° M.U.C.</u>
	FT.	FT.				
	FT.	FT.				
	FT.	FT.				
	FT.	FT.				

Electrical Log Depths

1594' - 9166'

(Attach Copy of Log)

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

History of Oil or Gas Well

AUG 29 1953

Operator Porter Sesnon, ^{et al} Barbara Sesnon Cartan,
Wm. T. Sesnon, Jr., Tenants-in Common Field LOS ANGELES, CALIFORNIA
Aliso Canyon

Well No. "Sesnon Fee" #2, Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed Porter Sesnon
Title Tenant

Date August 12, 1953

1953
4-21

K. L. Kellogg & Son, drilling contractor, moved in, rigged up, and commenced drilling operations at 5:30 A.M., April 21, 1953. Drilled 12-1/4" Smith bit 0' - 232' using only gel, water and Silver seal for drilling fluid. Totco at 192' - 3°.

4-22

Drilled Smith 12-1/4" bit 232' to 322' and then drilled Globe 12-1/4" bit 322' to 337'. Totco: 3° at 254', 2° 50' at 312'. Circulation broke around conductor pipe 7:00 A.M.. Cleaned out cellar, built forms and cemented between conductor pipe and cellar, cement in place at 2:30 P.M. Reamed tight hole 260' to bottom. Circulation broke out around conductor pipe.

4-23

Mixed and pumped in 50 sacks Victor construction cement treated with 4% CaCl₂, through conductor pipe, which caused circulation to break out around rig.

Mixed and pumped 100 sacks Victor construction cement treated with 8% CaCl₂ through conductor pipe. Received good cement returns through holes around rig - Byron Jackson cementing equipment used. Cement in place 1:00 P.M.

4-24

Drilled 12-1/4" Globe bit 322' to 562'. Totco readings: 2° 45' at 497', 2° 0' at 528', 2° 0' at 561'.

Lost circulation between 337' and 378' at 5:15 A.M. Mixed lost circulation material and filled hole, started drilling 10:00 A.M.

4-25

Drilled 12-1/4" hole 322' to 651'. Totco: 1° 40' at 591', 1° 10' at 622'.

Lost circulation around conductor pipe at 8:30 A.M. Cemented and let set for 8 hours.

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

History of Oil or Gas Well

AUG 26 1953

Operator Porter Sesnon, Barbara Sesnon Cartan,
Wm. T. Sesnon, Jr., Tenants-in-Common Field LOS ANGELES, CALIFORNIA
Aliso Canyon

Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S.B. B. & M.

Signed _____

Date August 12, 1953

Title _____

1953
4-26

Pulled 22" conductor pipe - drilled 2 1/4" hole to 50'. Welded 21' of 20" conductor pipe to 22" conductor pipe. Cemented pipe with 75 sacks Victor construction cement (treated 3% CaCl₂). Cement in place at 11:00 P. M. Overall length of conductor pipe 48' with 24' in cement. Byron-Jackson cementing equipment used.

4-27

Let cement set 8 hours. Ran in hole and found top of cement at 33'. Drilled out 15' of cement in conductor pipe and reamed hole to bottom. Drilling new hole at 3:30 P.M.

Drilled 12-1/4" hole 651' to 812'. Totco: 1° 30' at 651', 1° 50' at 682', 1° 30' at 725', 1° 10' at 786'.

4-28
to
4-29

Drilled 12-1/4" hole 812' to 1308', reduced hole and drilled 11" hole 1308' to 1633'. Totco: 1° 10' at 848', 0° 50' at 910', 0° 45' at 1098', 0° 50' at 1224', 0° 15' at 1399', 0° 15' at 1586'.

Lost circulation 8:30 A. M. at 1570', mixed 350 bbls. lost circulation material, jel and water - regained circulation and started drilling 8:30 P.M.

4-30

Drilled 12-1/4" hole 1633' to 1827'. Totco: 0° 50' at 1680', 1° 30' at 1770'.

Twisted off drill pipe above tool joint on cross-over sub. Bit at 1790' and top of fish at 1620'.

Recovered fish with Baash-Ross socket, 5-15/16" slips and bumper sub.

Lost circulation 10:30 P.M. at 1827'.

5-1

Mixed lost circulation material, 50 sacks Wyo-Jel, circulated at 1300' and at bottom. Started drilled at 11:00 A.M.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S.B. B. & M.

Signed _____

Date August 12, 1953

Title _____

1953

5-1

(Cont'd)

Drilled 11" hole 1827' to 1918' and lost circulation 2:30 P.M.

Pulled out, mixed lost circulation material. Ran in and circulated at 1308'. Ran to bottom, started drilling 8:30 P.M.

Drilled 11" hole 1918' to 1988'. Totco: 1° 30' at 1861', 1° 30' at 1823'.

5-2

to

5-4

Drilled 11" hole 1988' to 2018'. Losing mud at 2018'. Mixed lost circulation material and conditioned mud.

Ran Eastman multiple shot every 100' from bottom to top.

Ran 12-1/4" x 18-5/8" hole opener. Opened hole 0' to 1594'. Mud 78#, 50 sec. viscosity.

5-5

Ran and cemented at 1594' (60 stands) 13-3/8" casing. Spang, seamless, range 1 and 2, J-55 casing. Second joint from top, and bottom 570' was 61# pipe and the balance was 54.5# pipe.

Casing cemented with 670 sacks of construction cement, 27 sacks gel, 1008 cu. ft. of "Sealite", followed by 100 sacks of construction cement treated with CaCl₂ around shoe. The "Sealite"-cement-gel mix weighed 81#/cu. ft. and neat cement slurry (the last to be mixed) weighed 118#/cu. ft. The cement was mixed in 1 hour 12 minutes and displaced with 1375 cu. ft. mud in 27 minutes.

Used two top wooden plugs, maximum working pressure was 250 psi, and plugs were bumped under 800 psi. Full circulation throughout job, cement returns before pumping last 250 cu. ft. of mud. Cement in place at 5:10 A.M. Byron-Jackson equipment with 2 cement wagons used.

Casing detail: A Baker centralizer was fitted 10' above the Baker float shoe and a second centralizer was fitted 10' above pin of the second joint. The first five joints were spot welded. Casing moved throughout cement job.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S.B. B. & M.

Signed _____

Date August 12, 1953 Title _____

1953
5-6

Installed double Shaffer and Hy-Drill GK blow-out prevention equipment. Ran in 15 stands and tested blow-out prevention equipment and casing at 1000# for 30 minutes. Circulated and drilled out plugs and shoe at 1594' with 11" bit.

Cleaned out hole to 1861'.

5-7

Lost circulation, mixed lost circulation material and drilled 11" hole 2018' to 2060'.

Twisted off. Left 4 drill collars in hole. Top of fish 1893'. Ran Baash-Ross 10" socket, 5-15/16" slips, conventional bumper sub. Took hold of fish, circulated and retrieved. Ran bit and drilled 11" hole 2060' to 2250'. Totco: 1° 30' at 2170'.

5-8

Drilled 11" hole 2250' to 2624'. 72# mud, 47 sec. viscosity. Totco: 1° 20' at 2353', 0° 50' at 2570'.

5-9

Drilled 11" hole 2624' to 2659'. Twisted off. Left 4 drill collars in hole. Ran Baash-Ross socket, retrieved fish. Drilled 11" hole 2659' to 2866'. 71# to 75# mud, 42 to 45 sec. viscosity. Totco: 1° 45' at 2793'.

5-10

Drilled 11" hole 2866' to 3293'. 76# mud, 44 sec. viscosity, 3% sd., 9 cc/15 min. water loss, 2/32" filter cake. Totco: 0° 50' at 2979', 0° 50' at 3197'.

5-11

Drilled 11" hole 3293' to 3568'. 72# mud, 50 sec. viscosity, 3% sd., 7.4 cc/15 min. water loss, 2/32" filter cake. Totco: 1° 00' at 3293', 1° 10' at 3379', 1° 10' at 3567'.

Lost circulation: at 3335', lost 100 bbl. mud.
 at 3565', lost 150 bbl. mud.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed _____

Date August 12, 1953

Title _____

1953
5-12

Drilled 11" hole 3568' to 3897'. 74# mud, 48 sec. viscosity, 3% sd., 7.4 cc/15 min. water loss. Totco: 1° 30' at 3771'.

Lost circulation: 3688' - regained after 4 hours
 3897' - regained after 2 hours. Lost circulation material.

5-13 Drilled 11" hole 3897' to 4249'. 74# mud, 48 sec. viscosity, 3% sd., 7 cc/15 min. water loss, 2/32" filter cake. Totco: 0° 30' at 3901', 1° 10' at 4108', 1° 05' at 4249'.

Lost circulation: 4017' - regained after 3 hours. Lost circulation material.

5-14 Drilled 11" hole 4249' to 4502'. 73-1/2# mud, 50 sec. viscosity, 3% sd., 5.8 cc/15 min. water loss, 2/32" filter cake. Totco: 1° 30' at 4377'.

5-15 Drilled 11" hole 4502' to 4754'. 74# mud, 42 sec. viscosity, 3% sd., 5.8 cc/15 min. water loss, 2/32" filter cake. Totco: 1° 30' at 4377', 1° 30' at 4579'.

5-16 Drilled 11" hole 4754' to 5145'. 75# mud, 45 sec. viscosity, 5.6 cc/15 min. water loss. Totco: 1° 50' at 4779', 1° 30' at 4950', 1° 50' at 5105'.

5-17 Drilled 11" hole 5145' to 5489'. 75# mud, 45 sec. viscosity, 5.0 cc/15 min. water loss, 3% sd., 2/32" filter cake. Totco: 1° 15' at 5216'.

Lost circulation: 1:00 P.M. at 5326' - regained after 2-1/2 hours.
 4:00 P.M. at 5346' - regained after 1 hour

5-18 Drilled 11" hole 5489' to 5713'. 75# mud, 48 sec. viscosity, 2% sd., 5.5 cc/15 min. water loss, 2/32" filter cake. Totco: 1° 30' at 5514'.

5-19 Drilled 11" hole 5713' to 5898'. 77# mud, 42 sec. viscosity, 3% sd., 11 cc/30 min. water loss, 2/32" filter cake. Totco at 5835' 1° 30'.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S.B.B.&M.

Signed _____

Date August 12, 1953

Title _____

1953

- 5-20 Drilled 11" hole 5898' to 6080'. 77# mud, 42 sec. viscosity, 2% sd., 7 cc/15 min. water loss, 2/32" filter cake. Totco: 1° 30' at 5987'.
- 5-21 Drilled 11" hole 6080' to 6296'. 75# mud, 45 sec. viscosity, 3% sd., 7 cc/30 min. water loss, 2/32" filter cake. Totco: 1° 45' at 6174', 0° 50' at 6216'.
- 5-22 Drilled 11" hole 6296' to 6439'. 85# mud, 45 sec. viscosity, 3% sd., 8 cc/30 min. water loss, 2/32" filter cake. Totco: 1° 30' at 6300', 0° 20' at 6439'.
- 5-23 Drilled 11" hole 6439' to 6583'. 75# mud, 45 sec. viscosity, 3% sd., 6 cc/30 min. water loss, 2/32" filter cake.
- 5-24 Drilled 11" hole 6583' to 6648'. 76# mud, 45 sec. viscosity, 3% sd., 6 cc/30 min. water loss, 2/32" filter cake.
- Ran Eastman multiple shot survey 6569' to 2000'.
- Set K & R whipstock tool #1 at 6648', oriented N 10° W and drilled 14' of 5-3/4" hole to 6662'.
- 5-25 Reamed hole to 11" 6538' to 6648' and opened whipstock hole to 11" 6648' to 6662'. 75# mud, 44 sec. viscosity, 3% sd., 6 cc/30 min. water loss, 2/32" filter cake. Survey: 0° 45' at 6654'.
- 5-26 Drilled 11" hole 6662' to 6689'. Reamed tight hole 6010' to 6689'. Drilled 11" hole 6689' to 6807'. 78# mud, 48 sec. viscosity, 2-1/2% sd., 4.5 cc/30 min. water loss, 2/32" filter cake. Survey: 1° 50' at 6675', 2° 15' at 6689', 3° 15' at 6754', 4° 15' at 6807'.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed _____

Date August 12, 1953

Title _____

- 1953
5-27 Drilled 11" hole 6807' to 6893'. 78# mud, 50 sec. viscosity, 2% sd., 4.8 cc/30 min. water loss, 2/32" filter cake. Survey: 5° 0' at 6877'. Ran K. & R. whipstock tool #2, set at 6893' and oriented N 70° W.
- 5-28 Drilled 5-3/4" hole 6893' to 6984'. 78# mud, 50 sec. viscosity, 2-1/2% sd., 5.5 cc/30 min. water loss, 2/32" filter cake. Surveys: 7° 15' at 6910', 7° 10' at 6953', 7° 45' at 6984'.
Opened 5-3/4" hole to 11" 6893' to 6909'.
- 5-29 Opened 5-3/4" hole to 11" 6909' to 6984'. Drilled 11" hole 6984' to 7188'. 77# mud, 47 sec. viscosity, 2% sd., 5.4 cc/30 min. water loss, 2/32" filter cake. Surveys: 10° 30' at 7080', 13° 10' at 7180'.
Set K. & R. whipstock tool at 7188', oriented N 70° E. Drilled 5-3/4" hole off whipstock 7188' to 7201'.
- 5-30 Reamed 5-3/4" hole to 11" hole 7188' to 7201'.
Drilled 11" hole 7201' to 7326'. 75# mud, 45 sec. viscosity, 2-1/2% sd., 5 cc/30 min. water loss, 2/32" filter cake. Surveys: 14° 0' at 7203', 15° 25' at 7261'.
- 5-31 Drilled 11" hole 7326' to 7471'. 77# mud, 50 sec. visc., 5.5 cc/30 min. water loss. Surveys: 15° 45' at 7347', 16° 0' at 7384', 15° 45' at 7471'.
- 6-1 Drilled 11" hole 7471' to 7711'. ^{mud} 76# 48 sec. viscosity, 3% sd., 5 cc/30 min. water loss, 2/32" filter cake. Surveys: 15° 45' at 7570', 15° 45' at 7632'.
- 6-2 Drilled 11" hole 7711' to 8016'. Reamed hole 7640' to 7835'. 76# mud, 48 sec. viscosity, 4% sd., 6 cc/30 min. water loss, 2/32" filter cake. Surveys: 15° 30' at 7731', 15° 30' at 7831', 15° 0' at 7930'.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator Porter Sesnon, Barbara Sesnon Cartan,
Wa. T. Sesnon, Jr., Tenants-in-Common Field Aliso Canyon

Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed _____

Date August 12, 1953

Title _____

1953
6-3

Drilled 11" hole 8016' to 8054'. Pipe stuck at 8039', spotted 65 bbls. oil, displacing oil every 15 minutes with 2 bbls. mud. Pipe stuck 5:00 P.M. and free 10:30 P.M. 77# mud, 48 sec. viscosity, 2% sd., 5.5 cc/30 minutes water loss, 2/32" filter cake. Survey: 14° 15' at 8026'.

6-4

Drilled 11" hole 8054' to 8174'. 77# mud, 48 sec. viscosity, 2% sd., 5.8 cc/30 min. water loss, 2/32" filter cake. Surveys: 15° 45' at 8120', 16° 15' at 8174'.
 Ran K. & R. whipstock #4. Set at 8174' oriented N 85° E. Drilled 5-3/4" hole to 8188'.

6-5

Opened 5-3/4" hole to 11" 8174' to 8188'. Drilled 11" hole 8188' to 8257'. 77# mud, 48 sec. viscosity, 3% sd., 5.5 cc/30 min. water loss. Survey: 14° 45' at 8188'.

6-6

Drilled 11" hole 8257' to 8454'. 77# mud, 50 sec. viscosity, 3-1/2% sd., 3.8 cc/30 min. water loss. Surveys: 14° 45' at 8234' - N 15° W., 14° 45' at 8257', 14° 30' at 8356' - N 11° W., 14° 30' at 8445' - N 13° W.

6-7

Drilled 11" hole 8454' to 8633'. 77# mud, 50 sec. viscosity, 4% sd., 6 cc/30 min. water loss, 2/32" filter cake. Surveys: 13° 30' at 8541' - N 15° W, 13° 40' at 8604' - N 14° W.

6-8

Drilled 11" hole 8633' to 8741'. 77# mud, 50 sec. viscosity, 3% sd., 6 cc/30 min., 3/32" filter cake. Surveys: 13° 30' at 8693' - N 17° W., 12° 15' at 8742' - N 14° W.

6-9

Drilled 11" hole 8741' to 8784'. 78# mud, 48 sec. viscosity, 4% sd., 6 cc/30 min. water loss, 2/32" filter cake. Surveys: 12° 30' at 8784' - N 16° W.

6-10

Drilled 11" hole 8784' to 8870'. 78# mud, 50 sec. viscosity, 4% sd., 5.8 cc/30 min. water loss, 2/32" filter cake. Surveys: 11° 15' at 8822', 10° 30' at 8842' - N 14° W.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed _____

Date August 12, 1953

Title _____

- 1953
- 6-11 Drilled 11" hole 8870' to 8889'. 79# mud, 47 sec. viscosity, 4% sd., 5.6 cc/30 min. water loss, 2/32" filter cake.
- 6-12 Drilled 11" hole 8889' to 8949'. 76# mud, 48 sec. viscosity, 4% sd., 3.7 cc/30 min. water loss, 2/32" filter cake. Survey: 9° 30' at 8932' - N 9° W.
- 6-13 Drilled 11" hole 8949' to 9037'. 75# mud, 60 sec. viscosity, 4.6 cc/30 min. water loss, 2/32" filter cake. Surveys: 8° 50' at 8974' - N 6° W., 9° 15' at 9037' - N 3° W.
- 6-14 Drilled 11" hole 9037' to 9044'. Ran K. & R. whipstock tool #5, set at 9044' oriented S 30° E.
Drilled 5-3/4" hole 9044' to 9090'. 75# mud, 75 sec. viscosity, 3.2 cc/30 min. water loss, 1/32" filter cake.
- 6-15 Opened hole 5-3/4" to 11" from 9044' to 9091'. Ran Schlumberger electric log 1594' to 9090'. Ran Schlumberger directional survey - 6569' to 9090'.
Ran and set K. & R. whipstock tool #6 at 9091' oriented S 30° E.
Drilled 5-3/4" hole 9091' to 9104'. 76# mud, 60 sec. viscosity, 3% sd., 4.4 cc/30 min. water loss, 1/32" filter cake.
- 6-16 Drilled 5-3/4" hole 9104' to 9106'. Opened 5-3/4" hole to 11" hole 9091' to 9106'. Reamed hole 8975' to 8997'. 76# mud, 52 sec. viscosity, 3% sd., 3.8 cc/30 min. water loss, 1/32" filter cake.
- 6-17 Reamed hole 8997' to 9036'.
Cemented with 125 sacks Victor Hi-Temp cement, mixed with 20% sand and 2% CaCl₂, through drill pipe hung at 9078'. Cement in place at 3:00 P.M. Byron-Jackson cementing equipment.
- 6-18 Found top of cement at 8911' after standing 12 hours.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed _____

Date August 12, 1953

Title _____

1953

6-18
 (Cont'd)

Cleaned out hard cement 8911' to 8940'. Ran and set K. & R. whipstock tool #7 at 8940', oriented S 45° E.
 Drilled 5-3/4" hole 8940' to 8947'. 76# mud, 48 sec. viscosity, 2-1/2% sd., 4.0 cc/30 min. water loss, 1/32" filter cake.

6-19

Ran 5-3/4" bit 8947' to 8955'. Ran 10-5/8" bit 8947' to 8953'. 76# mud, 48 sec. viscosity, 2-1/2% sd., 4.0 cc/30 min. water loss, 1/32" filter cake.

6-20

Ran 11" bit and opened hole to 8955'. Ran and set K. & R. whipstock tool #8 at 8955'. 76-1/2# mud, 50 sec. viscosity, 2-1/2% sd., 3.8 cc/30 min. water loss, 2/32" filter cake.
 Drilled 5-3/4" hole 8955' to 8964'.

6-21

Opened 5-3/4" hole to 10-5/8" - 8955' to 8964'. Opened hole to 11" 8955' to 8964'.
 Ran and set K. & R. whipstock tool #9 at 8964', oriented S 45° E.

6-22

Drilled 5-3/4" hole 8964' to 8981'. Opened hole to 11" 8964' to 8979'.
 Ran and set K. & R. whipstock tool #10 at 8979', oriented S 45° E.

6-23

Drilled 5-3/4" hole 8979' to 8990'. Opened hole 5-3/4" to 10-5/8" 8979' to 8987'.
 Opened hole 10-5/8" to 11" 8979' to 8990'. Drilled 11" hole 8990' to 8998'.
 Surveys: 6° 15' at 8990', 7° 0' at 8998'. 76# mud, 48 sec. viscosity, 2% sd., 5 cc/30 min. water loss.

6-24

Drilled 11" hole 8998' to 9031'. 75-1/2# mud, 45 sec. viscosity, 3-1/2% sd., 5.2 cc/30 min. water loss, 2/32" filter cake. Added 30 bbls. oil to mud system.
 Survey: 6° 35' at 9030' - N 10° E.

6-25

Drilled 11" hole 9031' to 9063'. 77# mud, 55 sec. viscosity, 2% sd., 4.8 cc/30 min. water loss, 2/32" filter cake. Survey: 7° 30' at 9057' - N 18° E.

DIVISION OF OIL AND GAS

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Date August 12, 1953

Title _____

1953
6-26

Drilled 11" hole 9063' to 9126'. 76# mud, 55 sec. viscosity, 2 1/2 sd., 4.2 cc/30 min. water loss, 2/32" filter cake. Survey: 7° 15' at 9100' - N 14° E.

6-27

Drilled 11" hole 9126' to 9161'. 76# mud, 80 sec. viscosity, 2-1/2 sd., 4.0 cc/30 min., 1/32" filter cake. Surveys: 7° 30' at 9141' - N 19° E., 7° 0' at 9161' - N 15° E.

6-28
 & 6-29

Cored 9161' to 9225' with 7-5/8" conventional rock head. Rec. 56'.
Ran Schlumberger electric log and took sidewall samples.

6-30

J. F. T. Interval 9174' to 9225'

Ran M. O. Johnston tester with dual sidewall packers on 4-1/2" F. H. drill pipe and 83' of 5-7/8" drill collars. Set lower packer at 9174', 1000' water cushion, 3/8" bean, Baash-Ross safety joint and Sutliff jars, 2 pressure recorders, bottom hole shut-in tool.

Opened valve at 9:00 A.M. for 3 hour test. Shut in bottom hole shut-in valve at 12:00 P.M. for 2 hours. Shut-in test strong to medium steady blow for 1 hour. Medium steady blow for 2 hours. Gas to surface in 5 minutes. Recovered net rise of 6550' of oil. 18th, 59th, 74th and bottom 5 stands unloaded clean oil. Charts dropped to 1250# when valve opened and built up to 2100#. At end of 3 hourshut-in pressure built up to 3400#.

7-1

Ran Dean 11" x 6-1/8" hole opener 9161' to 9187', would not go any further. Pulled out and found 3 cutters left in hole.
 Ran Smith 11" x 7-5/8" hole opener 9187' to 9215', pulled and ran Globe junk basket, did not recover cutters.
 Drilled junk up.

DIVISION OF OIL AND GAS

History 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" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed _____

Date August 12, 1953

Title _____

- 1953
- 7-2 Ran 7-5/8" bit, drilled ahead 9225' to 9269'. 7 1/4# mud, 60 sec. viscosity, 2% sd., 3.7 cc/30 min. water loss, 2/32" filter cake.
- 7-3 Drilled 7-5/8" hole 9269' to 9368'. 7 6/8# mud, 60 sec. viscosity, 3% sd., 3.5 cc/30 min. water loss, 2/32" filter cake.
 Surveys: 7°, N 24° E, at 9261'; 6°, N 21° E, at 9361'.
- 7-4 Drilled 7-5/8" hole 9368' to 9435'. 7 8/8# mud, 70 sec. viscosity, 2% sd., 3.8 cc/30 min. water loss, 2/32" filter cake. Totco: 5° 15', N 24° E, at 9435'.
- 7-5 Ran Reed conventional core barrel and cored 7-5/8" hole 9435' to 9469'. Recovered 31'. 7 6/8# mud, 62 sec. viscosity, 2% sd., 3.8 cc/30 min. water loss, 2/32" filter cake.
- 7-6 Cored 7-5/8" hole 9469' to 9471'.
 Pulled core barrel with no recovery. Ran Schlumberger electric log and inclinometer. Took 12 sidewall samples. Conditioned hole and mud for J.F.T.
- 7-7 J. F. T. Interval 9357' - 9471'.
 Ran M. O. Johnston tester with dual sidewall packers on 4-1/2" F. H. drill pipe and 82' of 6" drill collars. Set lower packer at 9357'; 920' water cushion, Sutliff jars, Baash-Ross safety joint, 3/8" bean, bottom hole shut-in tool, back scuttling valve. Opened valve at 11:25 A.M., strong steady blow 45 minutes, medium steady blow for 15 minutes. Well started unloading cushion in one hour. Cushion completely unloaded in 25 minutes. Let well flow for 1 hour. Gas to surface in 10 minutes. Tried to close shut-in tool however, drill pipe torqued up too much. Pulled tester loose at 1:50 P.M. Well flowed clean oil 19.6° gravity and also unloaded gas and oil for 1 hour and 10 minutes before back scuttling valve was used.
 Pulled Johnston tester - charts dropped to 2300# when valve opened, built up to 3180# and flowed. Chart showed a 15 minute shut-in pressure of 3500#.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Et al
Operator Porter Sesnon, Barbara Sesnon Cartan,
Wm. T. Sesnon, Jr., Tenants-in-Common Field Aliso Canyon

Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. E. B. & M.

Signed _____

Date August 12, 1953

Title _____

1953
7-8
7-9

Ran 7-5/8" x 11" hole opener and opened hole to 11" from 9215' to 9245'.
Conditioned mud and hole for running casing.

Ran and cemented 228 joints 7", 23 lb., 26 lb., and 29 lb., N-80, 8 round
thread, L. T. & C. casing at 9245'. Cemented with 500 sacks Victor Hi-Temp
cement. Pumped 20 cu. ft. water ahead. Byron-Jackson equipment used.
Two trucks mixed 118#/cu. ft. slurry in 12 minutes and displaced with 2102
cu. ft. mud (84 cu. ft. over) in 40 minutes. Plugs bumped at 1500 psi,
working pressure 800 psi. Used 1 top rubber plug. Cement in place at
3:55 A.M., July 9, 1953.

Casing details: Baker fill-up shoe, Baker fill-up collar on top of first
joint. Centralizers 10', 60' and 110' above shoe, 8 scratchers equally
spaced on first two joints. Bottom 21 joints (865') 7", 29#, N-80, next
61 joints (2057') 7", 26#, N-80, balance (6314') 7", 23#, N-80, except next
to top joint which was 7", 29#, N-80.

7-10 Landed casing, installed tubing head and blow-out prevention equipment.
Laid down 4-1/2" drill pipe.

7-11 Running 6-1/8" bit and 3-1/2" drill pipe. Tested blow-out prevention equip-
ment with 1000 psi for 10 minutes, O.K. Checked top of cement plug at 9200',
pulled out.

7-12 Water Shut-Off Test of Shot Holes in 7" Casing at 9153'

Ran M. O. Johnston combination gun and tester on 3-1/2" drill pipe with 923'
water cushion. After shooting holes at 9153' and setting packer at 9100'
opened valve at 4:15 A.M. Had medium to light puff blow for 2 minutes then
dead. Recovered net rise of 15'. After pulling tester it was found the gun
had not fired.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. E. E. & M.

Signed _____

Date August 12, 1953

Title _____

1953
 7-12
 (Cont'd)

Water Shut-Off Test of Shot Holes in 7" Casing at 9153'.
 Ran Johnston tester and combination gun. Shot four 1/2" holes at 9153'. Used 923' water cushion, 3/8" bean, 3-1/2" I. F. drill pipe. Opened valve at 1:25 P.M. for 1 hour test. Medium steady to strong steady blow for 45 minutes decreasing to light steady blow last 15 minutes. Gas to surface in 10 minutes. Recovered net rise of 5000' of oil and 1 stand (70') of gas cut oily mud, no free water. Charts dropped to 700# and built up to 1800# at end of test. Witnessed and approved by Division of Oil and Gas engineer J. F. Matthews.

7-13

Squeezed Shot Holes in 7" Casing at 9153'
 Used Halliburton squeeze tool and cementing equipment. Broke down shot holes with 1800# pressure. Mixed 100 sacks of Victor Hi-Temp cement in 7 minutes after pumping 30 cu. ft. of water ahead, 10 cu. ft. water behind. Displaced cement with 380 cu. ft. mud in 1 hour and 25 minutes. Displaced last 9 cu. ft. in stages. Final pressure 3400 psi. Bled back 4 cu. ft. mud. Cement in place at 3:55 A.M. July 13, 1953.

Stood cemented 16 hours. Ran in hole with 6-1/8" bit and casing scraper. Found top of cement at 9078'. Drilled out cement 9078' to 9107'.

7-14

Drilled out cement 9107' to 9153' and cleaned out to 9199' (top of plug). Closed rams and perforated holes took fluid.

Re-Squeezed Shot Holes at 9153'.
 Used Halliburton squeeze tool and equipment. Set retainer at 9056' and with jars open, pumped 30 cu. ft. water, then 75 sax (90 cu. ft.) Colton Hi-Temp cement, then 10 cu. ft. water, followed by 252 cu. ft. mud. Closed jars and applied 1000# on inside of 7". Then displaced 133 cu. ft. mud (last 13 cu. ft. in stages) and pressure held at 2850# for 1/2 hour. Bled back 3 cu. ft. Total displacement was 392 cu. ft. Pulled loose at 2:00 P.M. Started to mix at 12:10 P.M.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator Porter Sesnon, ^{etal} Barbara Sesnon Cartan,
Wm. T. Sesnon, Jr., Tenants-in-Common Field Aliso Canyon

Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Date August 12, 1953 Signed Porter Sesnon
Title Tenant

1953
7-15

Ran in with 6-1/8" bit and casing scraper. Found top of cement at 9089'. After standing 20 hours, drilled out cement 9089' to 9155'. Closed rams and pressure tested 1000 psi for 15 minutes, O. K. Drilled out plug and cement to 9245'. Conditioned mud and drilled out shoe at 9245'. Cleaned hole to 9471'. 72# mud, 2% sd., 3.2 cc/30 min. water loss, 77 sec. viscosity, 2/32" filter cake.

7-16

Pulled casing scraper and ran in with Regan 8" wall scraper to 9245'. Scraped hole 9245' to 9269' and lost circulation. Pulled scraper, ran in with 6-1/8" bit to 4500', circulated 3/4 hour - no mud loss. Circulated 1/2 hour at 9234' then ran to bottom, 9471', circulated and pulled out of hole. Total loss of mud to formation approximately 350 barrels.

7-17

Ran and hung 8 joints (255.53') 5-1/2", Security flush joint, 19.81#, J-55 liner 2' off bottom at 9469'. Top of Burns lead seal hanger and adapter was at 9213.5'. Top 29.90' blank including hanger. Perforated 2" x 80 M, 12 rows, 6° M.U.C., for 225.57', from 9243' to 9469'.

7-18

Ran and landed 298 joints of 2-7/8" O.D., 6.5# Spang, seamless, J-55, Range 2, API External upset tubing at 9189.74' (kelly bushing measurement). Venturi tubing shoe 2.1" I.D., 24.26' above top of liner.

7-19

Displaced mud with oil through tubing. Oil returns after 360 bbls. mud returns. Maximum pressure 1900 psi to 2000 psi. Reversed for 30 minutes and then swabbed. Well started flowing 10:15 A.M. Maximum swab depth 2000'. Flowed to sump 4 hours 20 minutes. Turned to tanks 2:35 P.M. Cut at 2:35 P.M. was 1.7% (0.5% silt and 1.2% mud). Well flowing at rate of 680 b/d, 24/64" bean, 400 psi on tubing, 0 psi on casing. Rig released 11:00 P.M. July 19, 1953.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator Porter Sesnon, Barbara Sesnon Cartan, Wm. T. Sesnon, Jr., Tenants-in-Common ^{EB} Field Aliso Canyon

Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. B. E. & M.

Signed _____

Title _____

1953

Production

<u>Date</u>	<u>Bean</u>	<u>B/D</u>
7-20-53 7-21-53	27/64"	697 average
7-25-53 7-29-53	30/64"	686 average
7-30-53 8-5-53	27/64"	552 average
8-7-53 8-9-53	19/64"	328 average
8-10-53 8-11-53	15/64"	235 average

SF 20 SF-2

DIVISION OF OIL AND GAS

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" #2 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				
0'	337'	337'	Drilled		Sand and gravel.
337	812	475	Drilled		Sand.
812	927	115	Drilled		Sand with hard streaks.
927	1224	297	Drilled		Sand and shale.
1224	1432	208	Drilled		Shale.
1432	1630	198	Drilled		Hard shale and sand.
1630	1827	197	Drilled		Shale and sand with hard streaks.
1827	1918	91	Drilled		Sand.
1918	2018	100	Drilled		Sand and shale.
2018	2062	44	Drilled		Shale with streaks hard sand.
2062	2250	188	Drilled		Shale.
2250	3293	1043	Drilled		Shale with hard streaks of sand.
3293	3379	86	Drilled		Sand.
3379	4249	870	Drilled		Shale with hard streaks of sand.
4249	4502	253	Drilled		Hard sand and shale.
4502	5558	1056	Drilled		Shale with streaks of hard shale.
5558	5719	161	Drilled		Hard sand.
5719	5754	35	Drilled		Hard shale.
5754	5835	81	Drilled		Hard shale and hard sand.
5835	5898	63	Drilled		Hard shale.
5898	6174	276	Drilled		Hard shale with streaks hard sand.
6174	6216	42	Drilled		Hard sand.
6216	6296	80	Drilled		Shale with streaks hard sand.
6296	6345	49	Drilled		Hard sand.
6345	6984	639	Drilled		Shale with streaks hard sand.
6984	7487	503	Drilled		Sand and shale.
7487	7632	145	Drilled		Shale.
7632	8257	625	Drilled		Shale and sand.
8257	8371	114	Drilled		Shale.
8371	8454	83	Drilled		Shale with streaks of sand.
8454	8574	120	Drilled		Shale.
8574	8633	59	Drilled		Shale with streaks hard sand.
8633	8744	111	Drilled		Shale.
8744	8870	126	Drilled		Shale with hard streaks.
8870	8901	31	Drilled		Hard shale.
8901	8998	97	Drilled		Hard sand.
8998	9161	163	Drilled		Shale.

DIVISION OF OIL AND GAS

Log and Core Record of Oil or Gas Well

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Well No. "Sesnon Fee" #2 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				
9161'	9181'	20'	Cored	14'	<p>Tray #1 (Top) - Hard black shale, somewhat silty in spots, occasional fossil shells.</p> <p>Tray #2 - Hard black shale, some fossil fish fragments and fossil shells. Shale somewhat sandy in spots.</p> <p>Tray #3 - As above. Dip 20°, fair to poor.</p> <p>Tray #4 (Top 1-1/2') Hard black shale with occasional interbedded hard sandy shell.</p> <p>(Bottom 1-1/2') Fragment of hard sandy shale. Sand oil stained.</p> <p>Tray #5 (Top 1') - Brown, hard, fossiliferous shale (abundant forams).</p> <p>(Bottom 1-1/2') Fragments of hard, silty sandstone. Oil stained, oil odor and light brown cut with CCl₄.</p> <p>Hard sandstone shell fragment in bottom of core.</p> <p>Note: Driller reported bottom 4' cut like soft sand. Probably not recovered.</p>
9181'	9205'	24'	Cored	19'	<p>Tray #1 - 1' Hard massive gray siltstone, poorly bedded.</p> <p>Tray #2 - 3' Hard gray sandy siltstone.</p> <p>Tray #3 - 3' Hard gray sandy siltstone, occasional fossil shells.</p> <p>Tray #4 - 3' Hard brownish gray siltstone, becoming somewhat sandy at bottom of tray.</p> <p>Tray #5 - 3' Gray, sandy siltstone.</p> <p>Tray #6 - 1-1/2' Hard sandstone shell, some mega fossil shells rare.</p> <p>1-1/2' Brownish gray sandy siltstone, fossils (pectens) at bottom of tray.</p>

DIVISION OF OIL AND GAS

Log and Core Record of Oil or Gas Well

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 Well No. "Sesnon Fee" #2 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				
9181'	9205'	(Continued)			<p><u>Tray #7</u> - 1-1/2' Hard silty sandstone, oil stained, oil odor.</p> <p>1-1/2' Coarse to medium grained, friable, platy sandstone, oil stained, oil odor, amber cut with CCl₄.</p> <p><u>Note</u>: Samples for Core lab. out of bottom tray.</p> <p>Bedding poor throughout core.</p>
9205'	9225'	20'	Cored	23'	<p>3' pick-up.</p> <p><u>Tray #1</u> - 3' Medium to fine grained platy sandstone, somewhat silty in spots, dark oil stained, and good petroleum odor.</p> <p><u>Tray #2</u> - 3' Fine grained silty sandstone, oil stained, good petroleum odor.</p> <p><u>Tray #3</u> - 3' Fine grained siltstone, becoming increasingly silty toward bottom of tray. Oil stained, spotty.</p> <p><u>Tray #4</u> - 3' Brownish gray siltstone with spotty oil staining.</p> <p><u>Tray #5</u> - 3' As above.</p> <p><u>Tray #6</u> - 3' As above.</p> <p><u>Tray #7</u> - 3' of siltstone, spotty staining and free oil on fractures.</p> <p><u>Tray #8</u> - 2' Fragments of siltstone, spotty staining.</p> <p><u>Note</u>: Dip indeterminate for entire core because of poor bedding.</p>
9225'	9435'	210'	Drilled		Sand and shale.
9435'	9460'	25'	Cored	25'	<p>1-1/2' - <u>Oil sand</u>, medium to fine grained, clean, platy fracture, good odor, saturated, firm friable.</p> <p>3' <u>Oil sand</u>, fine grained, clean, firm friable, bottom 1/2' being difficultly friable, less permeable and having somewhat grayish cast.</p> <p>1' <u>Oil sand</u>, fine grained, clean, platy fracture.</p> <p>1' <u>Oil sand</u>, coarse, soft, permeable, saturated.</p>

DIVISION OF OIL AND GAS

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" #2 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				
9435'	9460' (Continued)				1' Oil Sand, fine grained, firm friable, clean, and saturated appearing. 3' Oil Sand, fine grained, clean appearing, friable, platy fracture, saturated. 1-1/2' Oil Sand, as 3' above. 1-1/2' Oil Sand, spotty saturated due to varying permeability, harder and coarse grained. 3' Oil Sand, medium to coarse grained, clean, friable to easily friable. 3' Oil Sand, as 3' above. 3' Oil Sand, as 3' above. 2-1/2' Oil Sand, as 3' above with fairly well preserved megafossil. Note: Bottom 1/2' somewhat silty and less permeable.
9460'	9469'	9'	Cored	6'	5' Oil Sand, firm to difficultly friable, fine grained, silty, tight, platy fracture, good odor and stain, dark brown cut with CCl_4 . Bottom 1/2' consists of hard lime cemented sandstone shell. 1' Conglomerate of quartzose boulders with one boulder fragment of hard green shaley sandstone.
9469'	9471'	2'	Cored	0'	No recovery.

TOTAL DEPTH: 9471' (Drill depth)

Cores described by G. Dorn, E. Easton and L. Sacre.

Operator Porter Sesnon, (Barbara Sesnon Cartan,
Wm. T. Sesnon, Jr., Tenants-in-Common) Field Aliso Canyon
Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

SIDEWALL SAMPLE RECORD

<u>Depth</u>	<u>Description</u>
3110'	Soft, gray, silty sandstone, no fluorescence, no cut.
3810'	Medium grained, gray sandstone, slight petroleum odor.
3990'	Soft, gray sand, medium grained, very slight fluorescence.
4837'	Fine, soft gray sand, no fluorescence.
4885'	Fine, soft gray sand, no fluorescence.
4973'	Fine, soft gray sand, spotty fluorescence, several brownish spots, may be stained, very slight.
4975'	Fine grained sand, gray, soft to flour type sand.
5090'	As above, with few specks fluorescence, spotty or mottled staining.
5892'	Medium grained, brownish gray sandstone. No fluorescence.
5958'	Coarse to medium grained, gray sand, almost a conglomerate, spotty fluorescence, appears somewhat limy in nature. Few clay inclusions. No cut.
6012'	Breccia type material, as above. No fluorescence.
6048'	Limey shale (blue), limey brown color, fragments entirely.
6122'	Brownish silt. No fluorescence.
6185'	Coarse to medium grained gray sand, almost a conglomerate, spotty fluorescence, appears somewhat limy in nature. Few clay inclusions. No cut.
6200'	Bluish shale, with white to buff color limey inclusions. Spotty fluorescence in limey portions. Slight cut with CCl_4 . May be due to mud.
6211'	Coarse to medium grained gray sand, almost a conglomerate. Spotty fluorescence, appears somewhat limy in nature. Few clay inclusions. No cut.

Operator Porter Sesnon, Barbara Sesnon Cartan,
Wm. T. Sesnon Jr., Tenants-in-Common Field Aliso Canyon
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SIDEWALL SAMPLE RECORD (Cont'd)

<u>Depth</u>	<u>Description</u>
6221'	More shale material, few specks fluorescence.
6295'	Fine silty gray sand, no fluorescence.
6355'	Brown gray sandstone with rather coarse to very coarse grained sand. Very dull fluorescence.
6600'	Fine silty sand, gray, spotty dull fluorescence.
6704'	Soft, medium grained gray sandstone. Slight fluorescence around edges of core. Washed.
7377'	Coarse to medium grained gray sand. Spotty dull fluorescence.
7828'	Soft, medium grained and gray sandstone. Slight fluorescence around edges of core. Probably washed.
7880'	Medium grained, bluish gray sand. Rare spots and dull fluorescence.
8395'	Soft medium brownish gray sandstone. Spotty fluorescence.
8421'	Brownish silt, no fluorescence.
9173'	Brownish silt. Looks oil stained. No fluorescence. No odor.
9176'	Brownish silt, soft, looks oil stained. No fluorescence. Good cut with CCl_4 .

AUG 26 1953

Operator Porter Sesnon, Barbara Sesnon Cartan,
Win. T. Sesnon, Jr., Tenants-in-Common Field LOS ANGELES, CALIFORNIA
Aliso Canyon
 Well No. "Sesnon Fee" #2 Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

SIDEWALL SAMPLE RECORD (Cont'd)

<u>Depth</u>	<u>Description</u>
9253'	Medium grained silty Oil Sand, no fluorescence.
9264'	Fine grained Oil Sand, no fluorescence.
9285'	Small fragments of whitish green siltstone. Slightly oil stained.
9297'	Siltstone, oil stained.
9313'	Soft, oil stained, fine siltstone.
9329'	Soft, very fine, oil stained siltstone.
9340'	As last above.
9350'	As last above.
9363'	As last above.
9372'	As last above.
9378'	As last above.
9394'	Medium grained, clean, dark, Oil Sand, easily friable.

Sidewall samples described by C. Dorn, E. Easton and L. Sacre.

DIVISION OF OIL AND GAS

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

No. T 153-861

Los Angeles 15

Calif.

July 20 19 53

Mr William T Sesnon Jr

~~xxx~~ 707 North Maple Drive

Beverly Hills

Calif.

Agent for PORTER SESNON ET AL

DEAR SIR:

Your well No. "Sesnon Fee" 2, 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 July 12, 19 53. Mr. J. F. Matthews, Inspector, designated by the supervisor,
was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present
L. Sacre, Engineer; H. Adams, Engineer.
Shut-off data: 7 in. 23, 26, 29b casing was cemented ~~xxxx~~ at 9245 ft.
on July 9, 1953 in 11 in. hole with 500 sacks of cement
~~xxxx~~ of which 9 sacks was left in casing.
Casing record of well: 13-3/8" cem. 1594'; 7" cem. 9245', four 1/2" test holes 9153', W.S.O.

Present depth 9471 ft. Bridged with cement from 9245 ft. to 9201 ft. Cleaned out to 9201 ft. for test.
A pressure of 1000 lb. was applied to the inside of casing for 15 min. without loss after cleaning out to 9201 ft.
A Johnston gun and tester was run into the hole on 3-1/2 in. drill pipe ~~xxxx~~
with 923 ft. of water ~~xxx~~ cushion, and packer set at 9100 ft. with tailpiece to 9120 ft.
Tester valve, with 3/8 in. bean, was opened at 12:25 p.m. and remained
open for 1 hr. and ~~xxx~~ min. During this interval there was a medium to strong, steady blow for
45 min., decreasing to a light steady blow for 15 min.

INSPECTOR J. F. MATTHEWS VISITED THE WELL FROM 8:30 - 10:00 A.M. AND MR. L. SACRE REPORTED:

1. An 11" rotary hole was drilled from 1594' to 9245'; a 7-5/8" rotary hole, 9245'-9471'.
2. A Johnston tester was run into the hole on 3-1/2" drill pipe and packer set at 9100'.

THE INSPECTOR NOTED THAT the gun failed to fire.

THE INSPECTOR ARRIVED AT THE WELL AT 4:15 P.M. AND MR. L. SACRE REPORTED:

1. A Johnston tester was run as noted above.
2. The 7" casing was shot-perforated with four 1/2" holes at 9153'.

THE INSPECTOR NOTED:

1. When the drill pipe was removed, 5000' (net rise of oil) was found in the drill pipe above the tester, equivalent to 37.0 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hr.
3. There was no free water in the oil.

The test was completed at 6:00 p.m.

THE 7" SHUT-OFF AT 9153' IS APPROVED.

JFM:OH

cc Easton & Sacre
1660 Oak Street
Bakersfield California

Porter Sesnon et al
2 Pine Street
San Francisco 11 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. T153-598

Los Angeles 15

Calif. May 25 1953

Mr William T Sesnon Jr

707 North Maple Drive

Beverly Hills

Calif.

Agent for PORTER SESNON ET AL

DEAR SIR:

Operations at your well No. "Sesnon Fee" 2 Sec. 33, T. 3 N, R. 16 W, S B B. & M.,
Aliso Canyon Field, in Los Angeles County, were witnessed by

M. B. Albright, Inspector

on May 8, 1953. There was also present T. W. Parcel, Driller;

R. L. Adams, Helper.

Casing Record 13-3/8" cem. 1594'. T.D. 2250'.

Junk XXXX

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

The inspector arrived at the well at 4:00 p.m. and Mr. Parcel reported:

1. An 18-5/8" rotary hole was drilled from the surface to 1594'.
2. On May 5, 1953, 13-3/8", 54.5 and 61 lb. casing was cemented at 1594' with 770 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 1594' to 2250'.

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 plug valve into the 13-3/8" casing below the above equipment.
5. A high pressure plug valve on the kelly.

The inspection was completed at 4:30 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

MBA:OH

M/B

cc Easton & Sacre
1660 Oak Street
Bakersfield, California

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

R. D. BUSH

State Oil and Gas Supervisor

By E. H. Messer Deputy

(D)

3

DIVISION OF OIL AND GAS
RECEIVED

APR 13 1953

LOS ANGELES, CALIFORNIA

037-00648

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

San Francisco Calif. April 10 19 53

DIVISION OF OIL AND GAS

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
18A 4-13-53	4-13-53	EB	L-92307 3 EB	EB	EB

Los Angeles, Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. Sesnon Fee #2, Sec. 33, T. 3-N, R. 16-W, S.B. B. & M., Aliso Canyon Field, Los Angeles County.

Legal description of lease -----

The well is 3797.72 feet N. or S., and 5598.94 feet E. or W. from Sta. 84
(Give location in distance from section corners or other corners of legal subdivision)

Elevation of ground above sea level 2439.4 feet.

All depth measurements taken from top of Kelly Bushing, which is 13' feet above ground. Sesnon Zone

We estimate that the first productive oil or gas sand should be encountered at a depth of about 9250' - 9250' feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
13-3/8"	54.5#	J-55 smls.	600'-1500'	Note: Cementing depths to depend on lost circ. zones
7"	23#, 26#, & 29#	N-80 smls.	9250' +	
5-1/2"	17#	J-55 smls.	9250' + 9500' +	

Note: Please forward copies of all notices to Easton & Sacre, 1660 Oak Street, Bakersfield, California

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

Address 2 Pine Street
San Francisco 11, California

Telephone number Exbrook 2-1855

Porter Sesnon, et al
(Porter Sesnon, Barbara Sesnon Cartan,
Wm. T. Sesnon, Jr. Tenants in Common)
(Name of Operator)
Porter Sesnon
OK ymd hbb
4-14-53