

MINERAL RESOURCES AGENCY OF CALIFORNIA
 DEPARTMENT OF CONSERVATION
 DIVISION OF OIL, GAS & GEOTHERMAL RESOURCES
 1000 S. Hill Rd, Suite 116 Ventura, CA 93003 - 4458

No. P 216-0055

PERMIT TO CONDUCT WELL OPERATIONS

<u>Old</u>	<u>New</u>
010	010
FIELD CODE	
00	00
AREA CODE	
30	30
POOL CODE	

Gas Storage
 "Sesnon-Frew" - Modelo (Miocene-Eocene) Formation

Ventura, California
 April 29, 2016

Amy Kitson, Agent
 Southern California Gas Company (S4700)
 12801 Tampa Ave., SC9382
 Northridge, CA 91326

Your proposal to **Rework** well "**Sesnon Fee**" 5, A.P.I. No. **037-00651**, Section **33**, T. **03N**, R. **16W**, **SB B. & M.**, **Aliso Canyon** field, **Any** area, **Sesnon-Frew** pool, **Los Angeles** County, dated **4/23/2016**, received **4/25/2016** has been examined in conjunction with records filed in this office. (Lat: **34.306812** Long: **-118.564848** Datum: **83**)

THE PROPOSAL IS APPROVED PROVIDED:

1. Blowout prevention equipment, as defined by this Division's publication No. M07, shall be installed and maintained in operating condition and meet the following minimum requirements:
 - a. Class **III 5M** on the **7"** casing.
2. Hole fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
3. Blowout prevention practice drills are conducted at least weekly and recorded on the tour sheet. A practice drill may be required at the time of the test/inspection.
4. This office shall be contacted by phone prior to making any program changes and no changes are made without Division approval.
5. Bridge plug to be installed at approximately 9145' +/-, above top Water Shut Off (WSO).
6. **THIS DIVISION SHALL BE NOTIFIED TO:**
 - a. Witness a test of the installed blowout prevention equipment prior to commencing **downhole** operations.
 - b. Witness a bridge plug tag

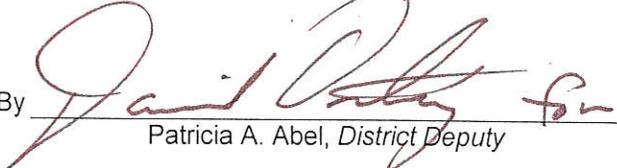
Continued on Next Page

Blanket Bond Dated: 7/6/1999
 UIC Project No. 0100006
 cc:

Engineer Clifford R. Knight
 Office (805) 654-4761

CRK/crk

Kenneth A. Harris Jr.
 State Oil and Gas Supervisor

By 
 Patricia A. Abel, District Deputy

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. Issuance of this permit does not affect the Operator's responsibility to comply with other applicable state, federal, and local laws, regulations, and ordinances.

Well #: "Sesnon Fee" 5

API #: 037-00651

Permit : P 216-0055

Date: April 29, 2016

NOTE:

1. No operation shall be undertaken or continued that will contaminate or otherwise damage the environment.
2. The base of the freshwater zone is approximately at 800'±, or can be determined by logging.
3. **A Well Summary Report (Form OG 100)** and **Well History (Form OG 103)** shall be submitted to the Division within 60 days after the well is drilled, reworked, plugged and abandoned, or if the work is suspended. Any additional well work will require an additional notice to be submitted to this office prior to resuming well operations.
4. The required History of Oil or Gas Well (OG103) shall include a complete description of the required pressure testing on the **bridge plug**. **An updated casing and tubing diagram shall be included with the well history.**

**ATTACHMENT 1
TO DOGGR ORDER 1109**

**SAFETY REVIEW TESTING REGIME
FOR THE ALISO CANYON NATURAL GAS STORAGE FACILITY**

This document identifies the requirements of this comprehensive safety review that shall be completed by the Southern California Gas Company (Operator) and verified by the Department of Conservation, Division of Oil, Gas, and Geothermal Resources (Division). The Operator shall use accepted industry practices and procedures.

The Division has consulted with independent technical experts from the Lawrence Berkeley, Lawrence Livermore, and Sandia National Laboratories ("National Laboratories") to develop the requirements of this facility safety review. The National Laboratories experts independently reviewed and concurred with the testing requirements for the safety review detailed below.

This comprehensive safety review requires that each of the active injection wells in the Aliso Canyon Storage facility either pass a thorough battery of tests in order to resume gas injection or be taken out of operation and isolated from the underground gas storage reservoir. Several steps, detailed below, are required in this safety review. Documentation of all testing required under this comprehensive safety review shall be provided electronically to the Division within 72 hours of completion of a test in digital (i.e. LAS) and printed (i.e. pdf) form. All pressure tests required under this comprehensive safety review shall be witnessed by Division staff. A well that is properly plugged and abandoned in accordance with Public Resources Code section 3208 is not subject to testing under this comprehensive safety review. A well that does not pass all tests must be repaired, retested, and pass all tests, or be plug and abandoned.

REQUIRED TESTS FOR EACH WELL IN THE FACILITY

- Step 1:** The Operator shall perform an initial casing assessment on the well consisting of temperature and noise logs.
- a. Temperature Log:
A temperature survey shall be run from the surface to the packer to measure the temperature within the wellbore. A temperature survey that demonstrates no unexplained anomalous temperature changes in the well is one indication of casing integrity.
 - b. Noise Log:
An acoustic sensor survey capable of detecting the sound of fluid flow will be conducted the length of the well above the packer to the surface. The survey will include stops at least every 250 feet and at the midpoint of any anomaly detected by the temperature survey. The absence of anomalous sound above the packer is an indication of well integrity

Step 2: The results of the Temperature Logs and Noise Logs will be independently reviewed by Division engineers. Any unexplained abnormal findings in this set of tests shall be addressed by the Operator in one of the following ways:

- a. Conduct further investigation and demonstrate to the Division's satisfaction that the abnormal finding is not an indicator of a lack mechanical integrity;
- b. Remediate the well to the Division's satisfaction; or
- c. With Division review and approval, remove the well from operation and isolate the well from the underground gas storage reservoir in accordance with Steps 4b through 7b below.

Necessary actions to remediate any abnormalities revealed by these tests will be reviewed by Division engineers. Once repairs or mitigations are completed, the Temperature Log and Noise Log must then be repeated on the well and reviewed by Division engineers to ensure that there are no additional abnormal test results and to confirm the issue was repaired.

Step 3: After these tests are completed on the well, and all required action has been completed, the operator shall either:

- a. Conduct the additional tests and evaluations on the well, outlined in Steps 4a through 7a below, in order to gain approval for injecting gas through that well; or
- b. Remove the well from operation and isolate the well from the underground gas storage reservoir in accordance with Steps 4b through 7b below.

REQUIRED TESTS IF A WELL IS INTENDED TO RESUME OPERATIONS

If Temperature and Noise Logs have been completed on a well and they indicate well integrity, and the Operator designates the well to return to injection operations, then the Operator shall perform the additional testing outlined in Steps 4a through 7a. The results of these tests will be independently reviewed by Division engineers and posted publicly. Each of the following tests requires that the production tubing be removed from the well.

Step 4a: The Operator shall conduct a **Casing Inspection log**.

The Operator shall conduct a Casing Inspection log of the well that measures the thickness of the production casing, from the surface to the bottom of the gas storage reservoir cap rock. If the inspection reveals a reduction in wall thickness, the current minimum strength of the casing will be calculated. If the current minimum strength of the casing has diminished to the point that it cannot withstand authorized operating pressures for the well plus a built-in additional safety factor of pressure, the well has failed this test. *A passing test for a casing inspection log would show no thinning of the casing that diminishes the casing's ability to contain at least 115% of the well's maximum allowable operating pressure as authorized in the current Project Approval Letter.*

Step 5a: The Operator shall conduct a **Cement Bond Log** for the well.

The Operator shall conduct a Cement Bond Log (CBL) that measures the bonding between cement and the production casing of the well, and also the bonding between the annular cement and the formation. Cement should be solidly bonded to both the well's production casing and the geologic formation to ensure a seal that prevents fluids from migrating up or down the outside of the well. *A passing test for a cement bond log shows definitive bond, as demonstrated by sonic waveform,*

between cement and casing and between cement and the gas storage formation and/or cap rock for at least 100 feet above the top of the gas storage reservoir.

Step 6a: The Operator shall conduct a **Multi-Arm Caliper Inspection** of the well.

The operator shall conduct an inspection that measures any internal degradation or significant changes to the well's geometry from the surface to the top of the gas storage reservoir, using a minimum 32-arm caliper tool. If the inspection reveals a thinning or deformity of the casing, the current strength of the casing will be calculated. If the current strength of the casing has diminished, such that it cannot withstand authorized operating pressures plus a built-in safety factor of additional pressure, the well fails this inspection. *A passing test for a Multi-Arm Caliper Inspection would show no deformation or thinning of the casing that diminishes the casing from being able to properly contain at least 115% of each well's maximum operating pressure.*

Step 7a: The Operator will conduct a **Pressure Test** of the production casing and of the well once the production tubing has been reinstalled. The Operator may conduct the casing pressure test prior to reinstalling the production tubing. Using a digital recorder, the operator will conduct a liquid-filled positive pressure test within the production tubing of the well, and in the annular space between the production tubing and the casing, to determine the well's ability to withstand normal operating pressures. The production tubing will be isolated and then pressure tested. The annular space between tubing and casing will be pressure tested. This testing also evaluates the integrity of any packers, which seal the annular space between the tubing and casing. The pressure test will be one hour and begin at a pressure of 115% of the maximum operating pressure or the minimum yield strength of the casing and tubing, whichever is less. *A passing pressure test is a pressure loss not exceeding 10% for any 30 minute period during the hour long test.*

After conducting the above tests, the Operator will conduct any indicated remediation so that the well can pass these tests. All remediation will be subject to the review of Division engineers. The well would then be required to undergo the tests once again to demonstrate well integrity.

If the well passes the Casing Wall Thickness Inspection, the Cement Bond Log, the Multi-Arm Caliper inspection and the Pressure Test to the Division's satisfaction, then the Division may clear the well for use for gas injections and withdrawal, once the Division has authorized resumption of injection into the gas storage reservoir. As noted below, wells approved for operation will only be permitted to inject or withdraw gas through the production tubing.

REQUIRED ACTIONS IF THE WELL IS TO BE TAKEN OUT OF OPERATION AND ISOLATED FROM THE GAS STORAGE RESERVOIR:

If the operator elects to take a well out of service, then the following steps shall be taken to isolate the well from the gas storage reservoir:

Step 4b: The Operator shall confirm the presence of cement outside the well's external casing in the section of the well that prevents the movement of gas from the underground gas storage reservoir to shallower geologic zones above the gas storage reservoir. Existing cement bond logs and well construction

records may be used to make this confirmation. This confirmation requires concurrence from Division engineers.

Step 5b: The Operator shall install a mechanical seal or “packer” within the well’s production casing and install a mechanical plug within the well’s production tubing, if applicable. These seals shall be set in place near the bottom of the well, within the portion of the well surrounded by cement. This kind of seal is an industry standard practice for isolating a well from reservoir gases or fluids and will further protect the casing from internal gas pressure.

Step 6b: The Operator shall fill the well with fluid to the well’s surface in order to create appropriate downward hydrostatic pressure in the well that further contributes to the integrity of the well seal.

These measures will isolate a well from the underground gas reservoir, as confirmed by National Laboratory experts. Each of the above actions is subject to review and approval by Division Engineers.

Step 7b: Once the Operator has completed steps 4b, 5b, and 6b, and the seal is in place at the bottom of the well and the well is filled with fluid above the seal, the operator shall:

- a. Conduct daily gas monitoring at the surface of the non-operational well, including monitoring the area around the well perimeter and in the annular space between the plugged casing string and the outmost casing;
- b. Conduct noise log, temperature log and positive pressure test every six months;
- c. Conduct weekly monitoring of fluid levels in the well or, install and operate real-time pressure monitors that provide immediate notification to the operator when pressures deviate from normal in the well’s interior tubing and its annular space.

The above monitoring shall be reported to Division engineers and maintained as a part of the well file. Division engineers will review all submitted information for evaluation on a regular basis to ensure that the well taken out of service has maintained safety, and the operator shall take all necessary steps maintain the safety of the well.

Any well taken out of operation cannot be approved to resume operations and gas injection until the successful completion of the battery of tests outlined above in Steps 4a through 7a (Casing Wall Thickness Inspection, the Cement Bond Log, the Multi-Arm Caliper Extension and the Pressure Test) is completed. Those tests must be successfully completed within one year of completing step 6b. If a well cannot successfully complete all necessary steps required in this safety review after one year of completing step 6b, then the well shall be properly plugged and abandoned in accordance with Public Resources Code section 3208.

REQUIREMENTS FOR WELLS RESUMING OPERATIONS IN ALISO CANYON

The Division’s authorization to resume injection in the Aliso Canyon Storage Facility will be contingent on the successful completion of this comprehensive safety review. The State Oil and Gas Supervisor must confirm in writing that all wells in the facility have either completed and passed the full battery of tests required in the safety review, been taken out of service and isolated from the underground gas storage reservoir, or been properly plugged and abandoned in accordance with Public Resources Code Section 3208.



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

FOR DIVISION USE ONLY		
Bond	Forms	
	008114	008121
	CALV WIMS	115V

NOTICE OF INTENTION TO REWORK / REDRILL WELL

Detailed instructions can be found at: www.conservation.ca.gov/dog/

P216-0055

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework / redrill well _____, Sesson Fee 5 _____, API No. 037-00651 _____
 (Check one)

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

The complete casing record of the well (present hole), including plugs and perforations, is as follows: (Attach wellbore schematics diagram also.)

See attached wellbore schematic

The total depth is: 9527 feet. The effective depth is: 9315 feet.

Present completion zone(s): Sesnon (Name) Anticipated completion zone(s): Same (Name)

Present zone pressure: Storage psi. Anticipated/existing new zone pressure: Storage psi.

Is this a critical well as defined in the California Code of Regulations, Title 14, Section 1720(a) (see next page)? Yes No

For redrilling or deepening only, is a California Environmental Quality Act (CEQA) document required by a local agency? Yes No If yes, see next page.

The proposed work is as follows: (A complete program is preferred and may be attached.)

See attached program

If well is to be redrilled or deepened, show proposed coordinates (from surface location) and true vertical depth at total depth: _____ feet and _____ feet Estimated true vertical depth: _____
 (Direction) (Direction)

Will the Field and/or Area change? Yes No If yes, specify New Field: _____ New Area: _____

The Division must be notified immediately of changes to the proposed operations. Failure to provide a true and accurate representation of the well and proposed operations may cause rescission of the permit.

Name of Operator Southern California Gas Company		
Address P. O. Box 2300	City/State Chatsworth	Zip Code 91313-2300
Name of Person Filing Notice Brian Vlasko	Telephone Number: 714-655-9506	Signature
Individual to contact for technical questions: Brian Vlasko	Telephone Number: 714-655-9506	Date 04/23/16
		E-Mail Address: bvlasco@semprautilities.com

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

INFORMATION FOR COMPLIANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT OF 1970 (CEQA)

If an environmental document has been prepared by the lead agency, submit a copy of the *Notice of Determination* or *Notice of Exemption* with this notice. Please note that a CEQA determination by a local jurisdiction, if required, must be complete, or the Division may not issue a permit.

CRITICAL WELL DEFINITION

As defined in the California Code of Regulations, Title 14, Section 1720 (a), "Critical well" means a well within:

- (1) 300 feet of the following:
 - (A) Any building intended for human occupancy that is not necessary to the operation of the well; or
 - (B) Any airport runway.
- (2) 100 feet of the following:
 - (A) Any dedicated public street, highway or the nearest rail of an operating railway that is in general use;
 - (B) Any navigable body of water or watercourse perennially covered by water;
 - (C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground or any other area of periodic high-density population; or
 - (D) Any officially recognized wildlife preserve.

WELL OPERATIONS REQUIRING BONDING

1. Drilling, redrilling, or deepening any well.
2. Milling out or removing a casing or liner.
3. Running and cementing casing or tubing.
4. Running and cementing liners and inner liners.
5. Perforating casing in a previously unperforated interval for production, injection, testing, observation, or cementing purposes.
6. Drilling out any type of permanent plug.
7. Reentering an abandoned well having no bond.

This form may be printed from the DOGGR website at www.conservation.ca.gov/dog/

WORKOVER PROJECT

Standard Fee 5 – Install Bridge Plug

DATE: April 23, 2016
OPERATOR: SOUTHERN CALIFORNIA GAS COMPANY
FIELD: ALISO CANYON
WELL: Standard Fee 5
API NUMBER: 037-00651
ELEVATION: All depths based on original KB, 10.8' above GL
SURFACE LOCATION: SEC 33, T3N, R16W, S.B. B&M

OBJECTIVE

The intent of this program is to install a temporary bridge plug above the perforated interval. This project will include pulling the 2-7/8" production tubing, running a 7" scraper, and installing a cast iron bridge plug.

WELL RECORD

Current Status:	Active
TD:	9527'; BPTD at 9315'
Special Conditions:	Last tagged inside tbg. at 9147', temp survey 10/09/2015
Casing Record:	13-3/8", 54.4#, J-55 casing cemented at 837' with 499 sks 7", 23#, 26#, 29#, N-80 casing cemented at 9526' with 700 sks (See wellbore schematic for casing depths) Perfs: WSOs @ 9172, 9318', 9399'; 9224'-9265', 9283'-9315', 9466'-9524'
Tubing Record:	See attached mechanical diagram for tubing/packer detail

GEOLOGIC MARKERS

MDA	7630'md	-5145'vss			
LDA	7790'md	-5301'vss	S2	9228'md	-6693'vss
MDA	8343'md	-5839'vss	S4	9286'md	-6749'vss
LDA	8558'md	-6047'vss	S6	9345'md	-6806'vss
MP	9020'md	-6493'vss	S8	9397'md	-6856'vss
S1	9208'md	-6674'vss	S10	9462'md	-6920'vss

Estimated Field Pressure: 917 psi on 2/3/2016 (Variable)

Estimated Bottom-hole Temperature: 192°F from 10/09/15 temperature survey

PROJECT NOTES

1. BOPE requirements in Gas Company Standard 224.05 shall be fully implemented at all times.
2. The storage reservoir pressures shall be monitored during the workover with a minimum of 300 psig overbalance for well control fluids.
3. Prepare the location by removing all relevant landscaping/lighting fixtures as well as surface piping and electrical components as needed. Locate rig anchors, reinstall if necessary.
4. DOGGR permit must be posted on site. Notify the DOGGR as required for BOPE testing as stated on permit.

PRE-RIG WORK

1. De-energize and remove all laterals. Install companion flanges for circulating the well.

WELLWORK PROGRAM

1. Move in production rig and rig pump with tank, shaker, and mixer.
2. Spot 500 bbl Baker tanks and load with 8.5 ppg KCl brine.
 - a.) Connect pump to the tubing and vent the casing through the choke manifold to the SoCalGas withdrawal system.
 - b.) Treat all brine with Biocide, 5 gals/100 bbls
3. Change well over to 8.5 ppg KCL brine. The tubing volume is approximately 51 bbls. and the tubing/casing annulus is approximately 270 bbls. Use HEC polymer as required to minimize lost circulation.
4. Install backpressure valve in tubing hanger. Nipple down tree. Send-in wellhead and tree components to Cameron for inspection.
5. +++Install a Class III 5M BOPE per Gas Company Standard 224.05 and in accordance with the DOGGR permit. All connections and valves must be flanged and at least 5000 psig rated.
 - a.) Pressure test the Class III 5M annular preventer to 3500 psig for 20 minutes. Test blind rams and the 2-7/8" pipe rams to 5000 psig for 20 minutes. Test all lines and connections to 5000 psig.
 - b.) Perform a 300 psig low pressure test on the annular preventer, blind rams and pipe rams for 20 minutes. Test all lines and connections to 300 psig.
 - c.) All tests are to be charted and witnessed by a DOGGR representative.
 - d.) Remove BPV.
6. POOH standing back 2-7/8", EUE 8RD J-55 tubing string. Note: tubing anchor is hydraulic, and with no pump in the hole, it should be equalized and not set.

7. Pick-up a 7", 23#-29# all weight casing scraper on 2-7/8" production string and RIH to PBTD at 9315' or as deep as possible. Circulate well clean. POOH.
8. Make-up and run a 7", 29# cast iron bridge plug on wireline and set at 9200' (24' above top perforation), pressure test to 1000 psi for 15 minutes. Record pressure test with rig recording chart.
9. Run open ended 2-7/8" tubing back in well and land tubing hanger.
10. Install BPV in tubing hanger. Nipple down the Class III 5M BOPE and install the production tree and test to 5000 psig. Remove BPV.
11. Release production rig, rig down and move out.

EXTERNAL CORROSION PROTECTION

Per Gas Company Standard 167.30, remove any lead based paint and recoat wellhead, production tree, and laterals.

Well Sesnon Fee 5

API #: 04-037-00651-00
Sec 33, T3N, R16W

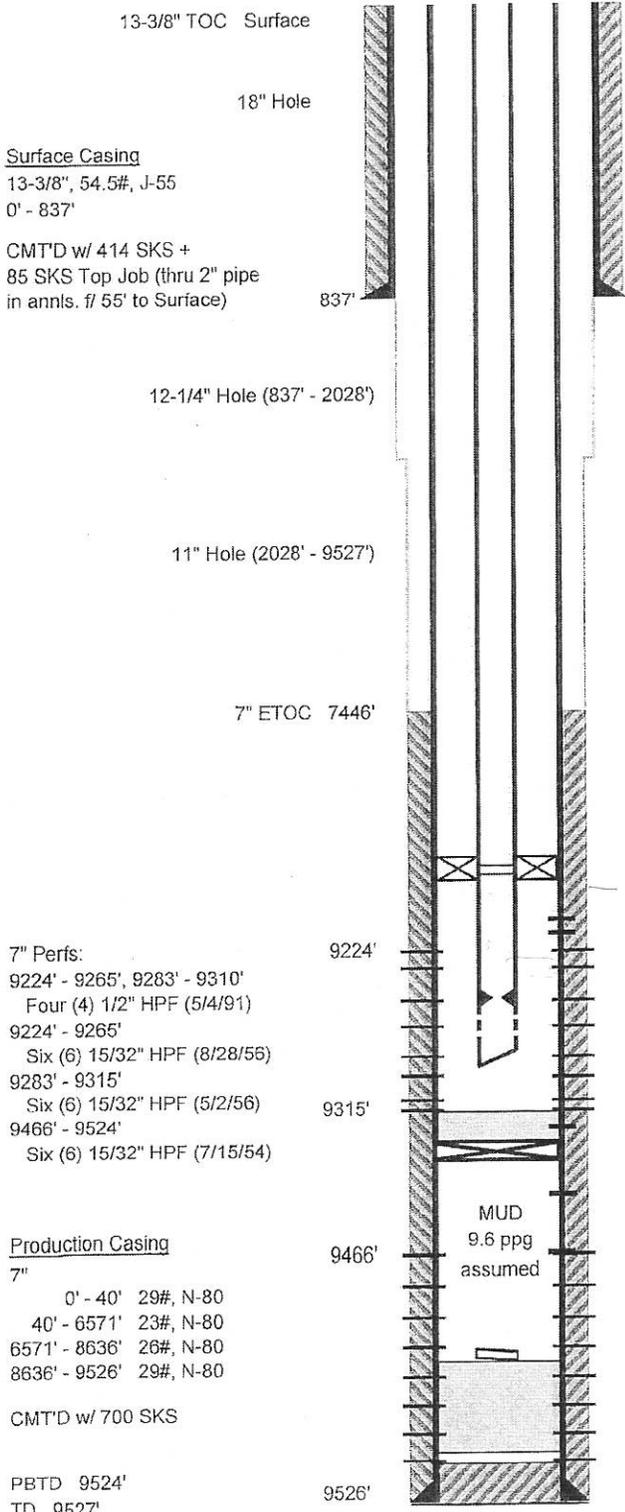
Operator: So. California Gas Co.

Lease: Sesnon Fee
Field: Aliso Canyon
Status: Idle Oil & Gas
BFW:
USDW:

Ground Elevation: 2439.4' asl
Datum to Ground: 10.8' KB

Spud Date: 4/22/1954
Completion Date: 7/19/1954

Junk: Drilled-up Baker BP
shoved to 9490'



Top of Zone Markers		
Peupth	2850'	(-400')
FREWupth	3102'	(-652')
CRupth	3256'	(-806')
K1upth	3275'	(-825')
MDA	7630'	(-5146')
LDA	7790'	(-5301')
MDA	8343'	(-5839')
LDA	8558'	(-6047')
MP	9020'	(-6493')
S1	9208'	(-6674')
S4	9286'	(-6749')
S8	9397'	(-6856')

7" Perfs:
9224' - 9265', 9283' - 9310'
Four (4) 1/2" HPF (5/4/91)
9224' - 9265'
Six (6) 15/32" HPF (8/28/56)
9283' - 9315'
Six (6) 15/32" HPF (5/2/56)
9466' - 9524'
Six (6) 15/32" HPF (7/15/54)

Production Casing
7"
0' - 40' 29#, N-80
40' - 6571' 23#, N-80
6571' - 8636' 26#, N-80
8636' - 9526' 29#, N-80

CMT'D w/ 700 SKS

PBTD 9524'
TD 9527'
TD VSS (-6983')
Directionally Drilled: Yes (TD is 492' E, 494' N of Surf, 9433' TVD)

8950' "R" Drain
9013' "R" Page Anchor
9172' WSO (75 SKS + 38 SKS CMT SQZ'D Away)
9190' Four (4) Holes (Co. WSO, 7/21/1975)
9263' Pump Barrel
9268' SS Top Locking Seating Nipple
9269' 2' Slotted Pup JNT
9293' Bull Plug
9315' - 9323' CMT Plug (1.5 SKS)
9318' Four (4) 1/2" Holes (92 SKS CMT SQZ'D Away)
9323' 7" Model "K" BP
9399' Four (4) 1/2" Holes (95 SKS CMT SQZ'D Away)
9466' Four (4) 1/2" Holes (Co. WSO)
9490' Junk (see desc. above)
9495' - 9522' CMT Plug (4.1 SKS + 2 CF Sealite + 7.5 SKS lost below 9522') 3/31/56
9522' Tagged

Prepared by: MAM (2/26/2016)

InterAct

Rec'd 04-25-16 DOGGR Ventura.



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

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 22G0
Los Angeles, CA 90051

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

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

FROM

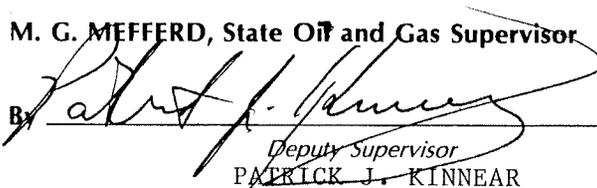
TO

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

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

M. G. MEFFERD, State Oil and Gas Supervisor

By


Deputy Supervisor
PATRICK J. KINNEAR

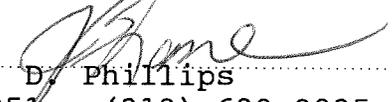
SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

SEP 24 1991
VENTURA, CALIFORNIA

History of Oil or Gas Well

"Sesnon Fee" 5

Operator Southern California Gas Company Field Aliso Canyon County Los Angeles
Well Sesnon Fee #5 ~~Aliso Canyon~~ Sesnon Fee 5 Sec. 33, T 3N, R 16W SB B. & M.
A.P.I. No. 037-00651 Name R. D. Phillips Title Agent
Date July 11, 19 91 (Person submitting report) (President, Secretary or Agent)

Signature 

J. B. Lane for R. D. Phillips

P. O. Box 3249 Terminal Annex, Los Angeles, CA 90051 (213) 689-3925
(Address) (Telephone Number)

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

Date
1991

- 4-22 Moved in and rigged up.
- 4-23
- 4-24 Removed tree. Installed BOPE. Tested choke manifold, blind rams, and pipe rams to 5000 psi. Tested annular preventer to 2100 psi. Steve MulQueen of the D.O.G. waived witnessing the BOPE test.
- 4-25 Changed out 2" flange valve and repaired packing and o-ring in pipe rams shaft. When testing 2" valve, the rubber seal on pipe rams door leaked. Installed new rubber, tested to 2600 psi. Released from packer. Started laying down 2-7/8" tubing.
- 4-26 Finished laying down 2-7/8" 8rd J-55 tubing (288 joints) and production equipment. Made up packer retrieving tool, four 4-3/4" drill collars with junk subs, jars and bumper sub. Picked up and ran in well with 2-7/8" drill pipe.
- 4-27 Finished picking up and running in well with 2-7/8" drill pipe to packer at 9100'.
- 4-29 Spaced out and milled Otis 7" packer at 9100'. Milled packer free. Pushed packer down well 30'. Circulated well clean. Pulled out of well to kill string.
- 4-30 Pulled out of well. Recovered packer. Laid down tools. Ran bit and scraper to 9303' (drillpipe measurement). Drilled out cement to 9307'. Circulated well clean. Started out of well.
- 5-01 Rig shut down for repairs.

Doc. 9/20/91

- 5-02 Finished pulling out of well. Rigged up loggers. Ran Gamma/Neutron/CCL log from 9307'- 8990'. Rigged down loggers. Ran in with bit. Drilled cement from 9307' to 9314'. Circulated cement out of well. Started out of well.
- 5-03 Pulled out of well. Made up tubing conveyed perforating guns and packer. Pumped 4100' of water in pipe. Ran to 9200'.
- 5-04 Finished running to 9311'. Ran correlation log. Set packer. Dropped bar to fire guns. Shot four 1/2" HPF using 3-3/8" guns from 9310'-9283' and 9265'-9224'. Monitored well 2 hours, no flow. Pulled packer loose and filled well. Started out of well.
- 5-06 Pulled out of well. Laid down tubing guns. Made up bit and scraper. Ran in to 9314'. Circulated well clean. Started out of well.
- 5-07 Rig shut down due to high wind.
- 5-08 Finished pulling out of well. Made up injection packers. Ran in on 2-7/8" drill pipe to 9200'. Tested packer in blank pipe to 2000 psi. Tested 2" surface lines and connections to 4200 psi.
- 5-09 Spaced out pipe. Pumped 9 Bbls. of Super A-Sol, and 26 Bbls H-9540. Washed perforations in 5' intervals with pin point injection packer. Pulled in to blank pipe. Tested packers to 2000 psi. Rigged up wireline. Pulled standing valve from packer. Rigged down wireline. Tested all rams on coiled tubing BOPE to 3000 psi.
- 5-10 Rigged up coil tubing unit with nitrogen. Unloaded well fluid down to 9125', pumping nitrogen at 250 scf/min. Shut down nitrogen. Well would not flow oil or gas. Pulled coil tubing out of well. Unloaded a total of 76 Bbls of fluid.
- 5-11 Shot fluid level in drill pipe: 1980'. Took 16 Bbls to fill annulus. Packer appears to be leaking. Pulled packer loose. Backscuttled out 1-1/2 Bbls oil and a little gas. Pulled out of well. Laid down packer.
- 5-13 Made up pin point injection packer. Ran in and set packer at 9176'. Rigged up and tested coil tubing rams and lines to 3000 psi. Ran in and unloaded fluid from well down to 9150'. Unloaded a total of 36 Bbls. Well would not flow. Pulled coil tubing and loaded out.
- 5-14 No pressure on pipe. Filled pipe with 46 Bbls. Pulled packer loose. Laid down 5 joints. Shut down to wait on solvent to come from Texas.
- 5-15 Rig and crew idle. Waiting on solvent.
to
5-18

- 5-20 Ran Halliburton pin point injection packer to 9311'. Rigged up Halliburton. Pressure tested surface lines and connections to 4000 psi. Circulated 29 Bbls Super A-Sol/Wellaid 306 Solvent mix to packer, spotting 12 Bbls of lease crude on top of treatment fluid. Pumped 16.5 gal/ft of treatment fluid into perforated intervals from 9311' to 9224'. Let fluid soak 6 hrs. Rigged up coiled tubing unit with nitrogen. Ran in with coiled tubing and unloaded well, pumping nitrogen at 250 scf/min. Pulled coiled tubing out of well. Unset packer. Displaced 13 Bbls of treatment fluid to tubing tail at 9224' followed by 17 Bbls of fluid previously used. Down squeezed treatment fluid. Attempted to flow back - no flow. Ran in well with coiled tubing to unload well.
- 5-21 Ran in with coiled tubing to 9200' and unloaded well with nitrogen, pumping at 200 scf/min. Well would not flow, unloaded a total of 30 Bbls. Rigged down coiled tubing and monitored well by shooting fluid levels. Fluid level increased from 3837' to 3283' and pressure increased from 10 to 68 psi over a period of 4-1/2 hours.
- 5-22 Pulled and laid down 2-7/8" drill pipe. Laid down injection packer. Laid down drill collars and kelly. Picked up and ran in hole with bottom hole assembly of 2-7/8" EUE x 21.5' gas anchor w/bull plug, 2-7/8" EUE x 2.05' slotted pup joint, 2-7/8" EUE x 0.73' SS top lock seating nipple, 5 joints of 2-7/8" EUE tubing, 2-7/8" x 7" 17-29# x 1.71' "R" page anchor, 2 joints of 2-7/8" EUE tubing and 2-7/8" x 1.87' "R" drain.
- 5-23 Ran in hole with 287 joints of 2-7/8" 6.5# EUE tubing (total 294) testing to 6000 psi. Landed donut with tubing tail 30' off bottom (9283'). Installed equalizing back pressure valve. Removed BOPE. Installed tree with pumping Tee and tested to 5000 psi. Removed equalizing back pressure valve. Installed bullplug with bleeder valve on pumping Tee. Released rig.

Cumulative fluid loss in well: 85 Bbls.

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

No. P291- 151
Field Code 010
Area Code 00
New Pool Code 30
Old Pool Code 30

PERMIT TO CONDUCT WELL OPERATIONS

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

Ventura, California
March 21, 1991

Your proposal to rework well "SFZU" SF-5,
A.P.I. No. 037-00651, Section 33, T. 3 N, R. 16W, S.B. B.&M.,
Aliso Canyon field, any area, Sesnon pool,
Los Angeles County, dated 3/11/91, received 3/13/91, has been
examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

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

NOTE: Please file notices using the correct well name and number.

Blanket Bond
SF:ljb

Engineer Steve Fields
Phone (805) 654-4761

M.G. McFFERD, State Oil and Gas Supervisor
By Patrick J. Lianear
Patrick J. Lianear
Deputy Supervisor

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

OG111

MAR 13 1991

VENTURA, CALIFORNIA

Notice of Intention to Rework Well

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

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD 114	OGD 121
<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 "SF20" SF5 ~~Sesnon Fee #5~~, API No. 03700651

(Well designation)

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

The present condition of the well is as follows:

- Total depth 9526'
- Complete casing record, including plugs and perforations (present hole)
 - 0' - 837' 13-3/8" 54.5# line pipe cemented at 817'.
 - 0' - 40' 7" 29# N-80
 - 6571' 23# N-80
 - 8636' 26# N-80
 - 9526' 29# N-80 plugged back with cement to 9495'.
- Present producing zone name Sesnon; Zone in which well is to be recompleted _____
- Present zone pressure 2700 psig; New zone pressure _____
- Last produced Gas Storage (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D) _____
(or)
Last injected _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure, psig) _____
- Is this a critical well according to the definition on the reverse side of this form? (Yes) (No)

The proposed work is as follows:

- Move in, rig up, kill well, install and test BOPE.
- Pull tubing, mill production packer and clean out well.
- Reperforate intervals, 9224' - 9265' and 9283' - 9315'.
- Stimulate and test well.
- Run tubing. 6. Run rod pump and sucker rods.
- Install pumping unit and complete well.

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

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

Address P. O. Box 3249 Terminal Annex _____
(Street)
Los Angeles, California 90051 _____
(City) (State) (Zip)
Telephone Number (213) 689-3925 _____

Southern California Gas Co. _____
(Name of Operator)
By J. B. Lane for R. D. Phillips (Agent) _____
(Name - Printed)
[Signature] 3/11/91 _____
(Name - Signature) (Date)
Type of Organization Corporation _____
(Corporation, Partnership, Individual, etc.)

OPERATOR FRANKLIN CALIF. GAS
 LSE & NO SF24 SF-5
 MAP 210

	(1)	(2)	(3)	(4)	(5)	(6)
INTENTION	DRILL	PLUG	PLUG & ALTER CS	ALTER CS	PLUG	ALTER CS
NOTICE DATED	4-8-54	3-23-56	4-30-56	8-25-56	10-22-62	6-18-75
P-REPORT NUMBER	154-523	156-447	156-636	156-1242	163-273	275-236
CHECKED BY/DATE						
MAP LETTER DATED						
SYMBOL	●	●	●	●	●	●

	REC'D NEED		REC'D NEED		REC'D NEED		REC'D NEED		REC'D NEED		REC'D NEED	
NOTICE	4-15-54		3-20-56		5-1-54		8-27-56		3-14-63		6-23-75	
HISTORY	9-10-54		4-24-56		6-17-56		9-12-56		3-5-63		8-5-75	
SUMMARY	9-10-54										10 Summary	
IES/ELECTRIC LOG												
DIRECTIONAL SURV												
CORE/SWS DESCRIPT	9-10-54											
OTHER												
RECORDS COMPLETE											8-12-76	

ENGINEERING CHECK

T-REPORTS	<input checked="" type="checkbox"/>
OPERATOR'S NAME	<input checked="" type="checkbox"/>
WELL DESIGNATION	<input checked="" type="checkbox"/>
LOC & ELEV	<input checked="" type="checkbox"/>
SIGNATURE	<input type="checkbox"/>
SURFACE INSPECTION	<input type="checkbox"/>
FINAL LETTER OK	<input type="checkbox"/>

CLERICAL CHECK

POSTED TO 121	_____	170 MAILED	_____	FINAL LETTER MAILED	_____
	_____		_____		_____
	_____		_____	RELEASED BOND	_____
	_____		_____		_____
	_____		_____		_____

REMARKS: _____

DIVISION OF OIL AND GAS
 RECEIVED

AUG 5 1975

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

Date July 23, 1975

Signed

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

P. S. Magruder, Jr.

Title Agent

(Address)

(Telephone Number)

(President, Secretary or Agent)

(213) 689-3561

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

- 7-9-75 Moved in and rigged up California Production Service rig pump and shaker tank. Using rig pump, filled hole (100 barrels) and displaced fluid in hole (260 barrels) with 69#/cu.ft. polymer workover fluid. Circulated two hours.
- 7-10-75 Using Archer Reed Wire Line Service, set tubing plugs at 416' and 94'. Removed Christmas tree and installed B.O.P.E. Using clear water, tested blind rams under 2600 psi - 20 minutes, OK. Unable to continue tests because of tubing head leak. Removed tubing plugs, conditioned mud. Started out of hole with tubing and packer.
- 7-11-75 Finished pulling out of hole. Made up 6" bit and 7" casing scraper. Ran same in hole on 2 7/8" tubing. Tagged fill at 9311'. Top of plug at 9315'. Circulated 2 1/2 hours. Pulled out of hole with bit and scraper. Ran back in with Baker Model "B" LOK-SET bridge plug. Set same at 9153'. Unable to test because of tubing head leak. Started out of hole with setting tool.
- 7-12-75 Finished pulling out of hole. Filled surface pipe with water. Dug out cement floor with jack hammers.
- 7-13-75 Rig idle.
- 7-14-75 Removed B.O.P.E. and tubing head. Using casing jacks, unlanded 7" casing with 210,000# pull. Removed packing, slips, and 13 3/8" casing head. Installed new 13 3/8" 5000 psi Shafco casing head by butt welding to 13 3/8" casing 4" below head. Wrapped with asbestos blankets to cool.
- 7-15-75 X-rayed weld on 13 3/8" casing, OK. Using casing jacks, relanded 7" casing in slips with 200,000# weight. Installed new 5000 psi Shafco tubing head. Tested seal flange, American Petroleum Institute ring, and packing under 4000 psi. Tested top and bottom seals under 4000 psi. Each test 20 minutes, OK. Reinstalled B.O.P.E. and tested with clear water as follows: Blind rams 1900 psi; pipe rams 2500 psi, hydril 2500 psi. Each test 20 minutes, OK. Tests witnessed and approved by Division of Oil and Gas. Using nitrogen, tested as follows: Hydril 2300 psi, 35 minutes, OK. Pipe rams 2450psi; blind rams 1950 psi. Each test 20 minutes, OK. Division of Oil and Gas declined to witness nitrogen test. Started in hole with bridge plug retrieving tool.

- 7-16-75 Finished running in hole. Released bridge plug at 9153'. Circulated hole clean. Pulled out of hole with bridge plug. Using Dresser Atlas, attempted to run Nuetron Lifetime log. Pulled out of hole with logging tools. Ran 30 doubles 2 7/8" tubing in hole. Closed well in and shut job down.
- 7-17-75 Pulled tubing out of hole. Attempted to run Dresser Atlas Nuetron Lifetime log and cement bond log. No success -- tool failures. Using Schulmberger, ran Nuetron Decay time log and recorded from 9299' - 8315'. Ran 30 doubles in hole.
- 7-18-75 Pulled tubing out of hole. Ran Schlumberger cement bond log and recorded from 9293' to 7400'. Made up Baker full-bore retainer on 2 7/8" tubing. Using Byron Jackson pump truck and pumping down the annulus, pressure tested 7" casing as follows:

Surface to 2000' - 3400 (psi)	20 minutes	OK
Surface to 3000' - 3000 (psi)	20 minutes	OK
Surface to 4300' - 2800 (psi)	20 minutes	OK
Surface to 5000' - 2600 (psi)	20 minutes	OK
Surface to 7000' - 2400 (psi)	20 minutes	OK
Surface to 9150' - 2200 (psi)	20 minutes	OK

Started out of hole with full-bore.

- 7-19-75 Finished pulling out of hole with full-bore. Made up 7" 29# Baker Model "B" LOK-SET bridge plug on 2 7/8" tubing. Set same at 9210'. Using rig pump, tested bridge plug under 1000 psi -- 20 minutes, OK. Pulled out of hole with setting tool. Using McCullough services and collar references, shot four holes at 9190' for water shut off test. Ran 30 doubles in hole.
- 7-20-75 Rig idle.
- 7-21-75 Pulled tubing out of hole. Made up Halliburton formation tester and ran in hole on 2 7/8" tubing. Filled 1000' with mud cushion (69#/cu.ft.). Set packer at 9131' -- tail at 9146'. Opened tool at 10:25 A.M. -- closed tool at 11:35 A.M. Zero blow during test. 15' fluid rise. Chart readings:

	TOP	MIDDLE	BOTTOM
Initial hydrostatic	4305 (psi)	4313 (psi)	4312 (psi)
Initial flow	431 (psi)	446 (psi)	447 (psi)
Final flow	464 (psi)	478 (psi)	479 (psi)
Final hydrostatic	4313 (psi)	4313 (psi)	4312 (psi)

Water shut off test -- OK'd by company. Division of Oil and Gas declined to witness. Ran in hole with bridge plug retrieving tool, released bridge plug at 9153' and pulled out of hole with same. Made up 6" bit and 7" casing scraper on 2 7/8" tubing. Started running in hole.

- 7-22-75 Finished running in hole with bit and scraper. Tagged top of cement at 9311'. Circulated two hours. Pulled out of hole with bit and scraper. Using reference collars and McCullough Services, set Otis 7" - 29# Perma-Drill packer at 9150'. Started in hole with production string, hydrotesting all tubing to 4000 psi.
- 7-23-75 Finished running in hole with production string (tubing detail attached) landed with 10,000# weight on packer. Removed B.O.P.E. and installed Christmas tree. Tested same two places under 4500 psi. Each test 20 minutes -- OK. Displaced drilling fluid in hole with 335 barrels of lease water. Closed well in; released rig at 10:30 P.M.

July 23, 1975

TUBING DETAIL FOR SESNON FEE #5

<u>ITEM</u>	<u>LENGTH</u>	<u>DEPTH</u>
Below K.B.	11.00'	11.00'
Doughnut	.80'	11.80'
Pup 2 7/8", 8rd, J 55	9.68'	21.40'
Pup 2 7/8", 8rd, J 55	10.26'	31.66'
67 joints, 2 7/8", 8rd, J 55 tubing	2099.13'	2130.79'
Pup 2 7/8", 8rd, J 55	4.08'	2134.87'
Camco valve 975 psi w/3/16 port	6.25'	2141.12'
Pup 2 7/8", 8rd, J 55	1.15'	2142.27'
50 joints, 2 7/8" 8rd, J 55 tubing	1573.59'	3715.86'
Pup 2 7/8", 8rd, J 55	4.02'	3719.88'
Camco valve 945 psi w/3/16 port	6.13'	3726.01'
Pup 2 7/8", 8rd, J 55	1.05'	3727.06'
48 joints, 2 7/8", 8rd, J 55 tubing	1507.36'	5234.42'
Pup 2 7/8", 8rd, J 55	4.09'	5238.51'
Camco valve 925 psi w/3/16 port	6.16'	5244.67'
Pup 2 7/8", 8rd, J 55	1.82'	5246.49'
44 joints 2 7/8", 8rd, J 55 tubing	1379.37'	6625.86'
Pup 2 7/8", 8rd, J 55	4.10'	6629.96'
Camco valve 930 psi w 1/4 port	6.23'	6636.19'
Pup 2 7/8", 8rd, J 55	1.15'	6637.34'
37 joints 2 7/8", 8rd, J 55 tubing	1163.93'	7801.27'
Pup 2 7/8", 8rd, J 55	4.10'	7805.37'
Camco valve 920 psi w/1/4 port	6.14'	7811.51'
Pup 2 7/8", 8rd, J 55	1.16'	7812.67'
38 joints 2 7/8", 8rd. J 55 tubing	1196.80'	9009.07'
Pup 2 7/8", 8rd, J 55	4.13'	9013.60'
Camco valve 940 psi w/5/16 port (empty)	6.25'	9019.85'
Pup 2 7/8", 8rd, J 55	1.15'	9021.00'
3 joints 2 7/8", 8rd, J 55 tubing	92.12'	9113.12'
Pup 2 7/8", 8rd, J 55	4.23'	9117.35'
Camco valve PC-4 KP-5 Mondrel (empty)	11.50'	9128.85'
1 joint 2 7/8", 8 rd, J 55 tubing	30.40'	9159.25'
Otis No Go nipple	1.18'	9160.43'
*Otis stop w/J latch	1.14'	9161.57'
Otis seals w/prod tube.	4.00'	9165.57'

* To release "J" latch, rotate 3/4 turn to right and pull up.

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

Report on Operations

No. T 275-267

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

Santa Paula, Calif.
September 3, 1975

DEAR SIR:

Operations at well No. "SP211" SP-5, API No. 037-00651, Sec. 33, T. 3N, R. 16W,
S.B. B & M. Aliso Canyon Field, in Los Angeles County, were witnessed
on 7/15/75. Mr. P. R. Wyle representative of the supervisor was
present from 1700 to 1900. There were also present T. Ashe, foreman

Present condition of well: No change since proposal dated 6/18/75.

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

DECISION:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

b

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

By 1000 P. Higgins Deputy

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 275-230

Mr. P. S. Magruder, Jr. Agent
Pacific Lighting Service Co.
P.O. Box 54790, Terminal Annex
Los Angeles, California 90054

Santa Paula, Calif.
June 26, 1975

DEAR SIR:

(037-00651)

Your proposal to alter casing Well No. "SFZU" SF-5
Section 33, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon Field, Los Angeles County,
dated 6/18/75, received 6/23/75, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. 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.
2. THIS DIVISION SHALL BE NOTIFIED TO WITNESS THE PRESSURE TESTS OF THE BLOWOUT PREVENTION EQUIPMENT.

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

Blanket Bond
ALL:b
cc: Operator

Thomas E. Gay, Jr., Acting Chief
JOHN F. MATTHEWS, Jr., State Oil and Gas Supervisor

By *LOCP Putgers*, Deputy

DIVISION OF OIL AND GAS

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

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

Los Angeles Calif. June 18 1975

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. SESNOW FEE #5

(Cross out unnecessary words)

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

Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

DIVISION OF OIL AND GAS
RECEIVED

JUN 23 1975

SANTA PAULA, CALIFORNIA

1. Total depth.

9527'

2. Complete casing record, including plugs:

13 3/8" cemented 837'

7" cemented 9526', WSO at 9172' - squeezed twice
WNSO 9399' - squeezed, WNSO 9318' - squeezed
Plugged with cement 9524'-9495'
Set bridge plug 9323' - capped with cement to 9315'
Perforations now exposed 9315'-9283', 9265'-9224'
Well standing full brine-polymer drilling fluid

3. Last produced.

SHUT-IN

(Date)

(Oil, B/D)

(Water, B/D)

(Gas Mcf/D)

The proposed work is as follows:

1. Set wire line plugs in tubing, remove Christmas tree, install B.O.P.E. and test.
2. Pull tubing - clean out to 9315'
3. Run cement bond and neutron lifetime logs.
4. Pressure test 7" casing - perform any remedial work required.
5. Set bridge plug, remove B.O.P.E. and old wellheads, install new wellheads. Reinstall B.O.P.E. and test.
6. Set packer. Run tubing and complete.

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

(Address)

(213) 689-3561

(Telephone No.)

SOUTHERN CALIFORNIA GAS COMPANY

(Name of Operator)

By

P. S. Magruder, Jr.

FORMS

114

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✓

✓

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North La Brea Avenue
Inglewood, California

September 25, 1968

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

DEAR SIR:

Your request dated letter dated August 26, 1968, relative to change in designation of well(s) in Sec. 32, 33, 34, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon field, Los Angeles County, District No. 1, has been received; and in accordance with Section 3203, Public Resources Code, reading in part as follows:

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

the proposed change in designation is hereby authorized as follows: (Formerly owned by Porter Sesnon, Et Al)

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

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

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

By 
Deputy Supervisor

DIVISION OF OIL AND GAS

MAR 6 1963

DIVISION OF OIL AND GAS RECEIVED

INGLEWOOD, CALIFORNIA

MAR 6 1963

et al History of Oil or Gas Well

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

Well No. "Sesnon Fee" No. 5, Sec. 33, T. 3N, R. 16W, S.B. B. & M.

Date December 31, 1962 Signed *L.P. Lane*

2 Pine Street
San Francisco 11, Calif. EX 2-3238 Title Petroleum Engineer
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

1962

- Oct. 23 to Oct. 24 incl. Moved in California Production Service rig. Bled pressure off tubing and casing. Pulled rods and pump. Removed Christmas tree. Installed B.O.P.E. Pulled tubing. Drilled up Baker bridge plug at 9,316' with 6" bit. Shoved junk to 9,490'.
- Oct. 25 Lane Wells ran Baker Model "K" cast-iron bridge plug on wire line with collar locator. Set Baker Model "K" bridge plug at 9,323' (top). Dumped 1-1/2 sacks Class "A" cement with dump bailer. Stood cemented 1 hour and 30 minutes. Ran junk basket and located top of firm cement at 9,315'. Re-ran tubing pump and rods. Placed well back on production.
- Oct. 26 Stood cemented 24 hours. Placed on production 19 hours. 175 barrels gross, cut 85 percent.
- Oct. 27 On production 24 hours. 155 barrels gross, cut 50 percent.
- Oct. 28 On production 24 hours. 127 barrels gross, cut 30 percent.
- Oct. 29 On production 24 hours. 126 barrels gross, cut 31 percent.

MAR 14 1963

DIVISION OF OIL AND GAS

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

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

San Francisco, Calif. October 22, 1962

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to re-

commence the work of deepening, redrilling, plugging or altering casing at Well No. "Sesnon Fee" No. 5

(Cross out unnecessary words)

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

Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 9,527'

2. Complete casing record, including plugs:

13-3/8" c. @ 837'.
7" c. @ 9,526' G.P. 6 holes/ft. 9,466-9,523'. W.S.O. @ 9,172'. W.N.S.O. @ 9,318' (squeezed with 92 sacks), W.N.S.O. @ 9,399' (squeezed with 95 sacks), plugged with cement and sealite from 9,495-9,522'. Baker cast-iron bridge plug @ 9,316'. G.P. 6 holes/ft. 9,283-9,315', 9,224-9,265'.

3. Last produced. October 20, 1963 0 126 ---
(Date) (Oil, B/D) (Water, B/D) (Gas)

The proposed work is as follows:

- 1. Drill up Baker cast-iron bridge plug at 9,316'.
- 2. Set Model "K" bridge plug at 9,323'. Return well to production.

Note: Because of an oversight this form was not filed earlier.

MAP MAP BOOK CARDS BOND FORMS 114 121

No bond required EB EB

2 Pine Street San Francisco 11, California

(Address)

EXbrook 2-3238

(Telephone No.)

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

(Name of Operator)

By J.P. Seare Petroleum Engineer

DIVISION OF OIL AND GAS

SEP 12 1956

LOS ANGELES, CALIFORNIA

et al
History of Oil or Gas Well

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

Well No. "Sesnon Fee" No. 5, Sec. 33, T. 3 N., R. 16 W., S.B. B. & M.

Signed *[Signature]*

Date September 10, 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. P156-1242, August 28, 1956 Division of Oil and Gas Form 111.

Aug. 27 California Production Service moved in, rigged up and pulled rods and tubing. After removing the x-mas tree, the double Shaffer blow-out prevention equipment was installed.

Aug. 28 Lane Wells ran a junk basket on their wire line and it located fluid level at 4975' and bottom at 9328'. A lubricator was installed and then Lane Wells ran their collar finder and 5-7/16" gun in tandem. Collars were located and the Lane Wells odometer was corrected 3' higher to agree with original casing measurements. The Baker bridge plug was located at 9316' as measured by Lane Wells May 2, 1956.

Gun perforated 7", 29 lb., N-80 casing from 9224' to 9265' with six 15/32" bullets per foot using 5-7/16" o.d. A-2 gun and no. 7 powder. The fluid level subsequent to gun perforating was located at 3650', a rise of 1325'.

Tubing: 295 joints of 2-7/8" o.d., e.u., 6.50 lb. 3 rd. thread tubing was measured in the hole and landed at 9209.65' on National tubing rams. The tubing was hydro-tested at 4000 p.s.i. - OK with no leaks.

Swabbing: The well was swabbed from 4:45 p.m., August 28, 1956 until 11:00 p.m., August 28, 1956 from a starting depth of 500 which was gradually increased to a depth of 3000' at 10:00 p.m. The well started flowing to stacking pit at 11:30 p.m. at estimated 50 B/D rate cutting 1% water and then continued to flow until 1:30 a.m., August 29, 1956 when well died.

Aug. 29 Rods and Pump: An Axelson Duax insert pump 2-1/2" x 1-1/2" x 12' x 17' with Page anchor was run and set at 6986' on a tapered string of rods as follows: forty eight 1" rods, fifty six 7/8" rods and one hundred twenty eight 3/4" rods. The well was then placed on the pump at 2:00 p.m., August 29, 1956.

DIVISION OF OIL AND GAS

SEP 12 1956

LOS ANGELES, CALIFORNIA

History of Oil or Gas Well

Porter Sesnon, (Barbara Sesnon Carten,

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

Well No. "Sesnon Fee" No. 5, Sec. 33, T. 3 N, R. 16 W., S. 3. B. & M.

Signed *E. Easton*

Date September 10, 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

Production:

<u>Date</u>	<u>Bbls./D</u>	<u>Cut</u>	<u>Casing Pressure</u>	<u>Tubing Pressure</u>	<u>MCP/D Gas</u>	<u>Bean</u>
8-29	156/16 hrs.	0%	200	250	51	28/64
8-30	191	7	450	200	51	28/64
8-31	176	7	500	130	68	28/64
9-1	177	7	500	130	78	28/64
9-2	169	7	500	130	80	28/64
9-3	169	7	500	130	91	28/64
9-4	162	5	500	130	90	28/64
9-5	163	6	500	130	N.R.	28/64

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCESDIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONSNo. P 156-1242

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

Los Angeles 15 Calif.
August 28, 1956

SEC. 3606 WELL

DEAR SIR:

Your proposal to alter casing Well No. "Sesnon Fee" 5Section 33, T. 3 N, R. 16 W, S. B B. & M., Aliso Canyon Field, Los Angeles County,dated Aug. 25, 1956, received Aug. 27, 1956, has been examined in conjunction with records filed in this office.

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

THE NOTICE STATES**"The present condition of the well is as follows:****1. Complete casing record.**Total Depth: 9527'.13-3/8" casing cemented at 837'.

7" casing cemented at 9526'. Gun perforated with six 15/32" holes per foot from 9466' to 9523'. W.S.O. at 9172'. W.N.S.O. at 9318' (squeezed with 92 sacks). W.N.S.O. at 9399' (squeezed with 95 sacks). Plugged with cement and Sealite from 9495' to 9522'. Baker cast iron bridge plug set at 9316'. Gun perforated six 15/32" holes per foot from 9283' to 9315'.

2. Present production: 26 B/D 19.4° 524
 (Date) (Net Oil) (Gravity) (Cut)"

PROPOSAL**"The proposed work is as follows:**

1. Pull rods, pump and tubing.
2. Gun perforate 7" casing with six 15/32" holes per foot from 9224' to 9265'.
3. Run tubing, rods and pump 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. W. Walling, Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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

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

San Francisco Calif. August 25, 1956

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. "Sesnon Fee" 5
(Cross out unnecessary words)

....., Sec. 33, T. 3N., 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: 9527'.

13-3/8" casing cemented at 837'.

7" casing cemented at 9526'. Gun perforated with six 15/32" holes per foot from 9466' to 9523'. W.S.O. at 9172'. W.N.S.O. at 9318' (squeezed with 92 sacks). W.N.S.O. at 9399' (squeezed with 95 sacks). Plugged with cement and Sealite from 9495' to 9522'. Baker cast iron bridge plug set at 9316'. Gun perforated six 15/32" holes per foot from 9283' to 9315'.

Present production:

2. ~~Last produced~~ 26 B/D 19.4° 52%
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- 1. Pull rods, pump and tubing.
- 2. Gun perforate 7" casing with six 15/32" holes per foot from 9224' to 9265'.
- 3. Run tubing, rods and pump and return well to production.

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

MAP MAP BOOK CARDS

FORMS

114 121

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

(Name of Operator)

By Easton & Sacre, Engineers

DIVISION OF OIL AND GAS

JUN 12 1956

LOS ANGELES, CALIFORNIA

et al

History of Oil or Gas Well

Porter Sesnon, *(*Barbara Sesnon Cartan,
)

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

Well No. "Sesnon Fee" 5, Sec. 33, T. 3 N., R. 16 W., S.B. B & M.

Signed

Date June 11, 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

May 1

California Production Service moved in hoist and pulled rods, pump, tubing and production packer. Installed Hydril bag packer and blow-out preventor.

May 2

Ran Lane-Wells collar locator with junk pusher and catcher below. Top of fluid was found at 2100'. Located top of fill and/or cement plug at 9497' and this was 2' deeper than previous measurements. Six casing collars were located and they were each 5' lower than recorded by original casing tally measurements. Set odometer to correspond to casing tally measurements.

Ran collar locator with Baker wire line cast iron casing bridge plug, Product No. 400N (22-3/16" overall), below and set top of it at 9316'.

Gun perforated 7", 29 lb., N-30 casing with six 15/32" holes per foot from 9283' to 9315' using Lane-Wells 5-7/16" o.d., A-2 gun with no. 7 powder. Laid down guns at 6:00 a.m.

Ran 2-7/8" o.d. tubing to 9272' with Venturi shoe on bottom and D & B full bottom lock hold-down pump shoe at 9212'. With fluid level at 1750', commenced swabbing at 2:30 p.m., May 2, 1956.

May 3

Swabbed until 8:45 a.m. Swabbed for a total period of 18-1/4 hours. At 12:30 a.m., the fluid level was 4500' and the swab was being pulled from 5400' and the fluid consisted of muddy salt water. At 8:45 a.m., the fluid level was 6000' and the swab was being pulled from 7000' and the fluid consisted of gassy oil with some clear salt water.

May 4

Ran rods and 1-1/2" x 12' x 15' Axelson r.l.t. insert pump and Admore anchor at 6987' and placed well on pump at 2:30 a.m., pumping twelve 74" strokes per minute.

May 6

98 barrels per day gross, 68% water, 25 lb. casing pressure.

May 13

66 barrels per day gross, 62% water, 540 lb. casing pressure.

June 7

77 barrels per day gross, 5 barrels per day oil, 91% cut, 530 lb. casing pressure.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCESDIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONSNo. P 156-636Mr. William T Semon Jr
707 North Maple Drive
Beverly Hills California
Agent for PORTER SEMON BP ALLos Angeles 15 Calif.
May 2 1956

SEC. 3806 WELL

DEAR SIR:

Your proposal to plug and alter casing Well No. "Semon Tee" 5
Section 33, T. 3 N., R. 16 W., S. E. B. & M., Aliso Canyon Field, Los Angeles County,
dated April 30, 1956 received May 1, 1956, has been examined in conjunction with records filed in this office.

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

THE NOTICE STATES

"The present condition of the well is as follows:

1. Total depth. 9527'.
2. Complete casing record.
11-3/8" casing cemented at 837'.
7" casing cemented at 9526'. Gun perforated with six 15/32"
holes per foot from 9466' to 9523'. W.S.O. at 9172',
W.H.S.O. at 9318' (squeezed with 92 sacks), W.H.S.O. at
9399' (squeezed with 95 sacks), plugged with cement and
Sealite from 9495' to 9522'.
3. Present production April 30, 1956 7 19.40 93%
(Date) (Net Oil) (Gravity) (Gut)"

PROPOSAL

"The proposed work is as follows:

1. Pull rods, pump, tubing and production packer.
2. Set top of cast iron bridge plug at 9315'.
3. Gun perforate 7" casing with six 15/32" holes per foot from 9283' to 9315'.
4. Run rods, tubing and pump and return well to production."

DECISION

THE PROPOSAL IS APPROVED.

TEX:ya

cc Company
Easton & Sore

E. H. MUSSER, State Oil and Gas Supervisor

By R. J. Halling, Deputy

No Bond required

MAY 1 1956

DIVISION OF OIL AND GAS

LOS ANGELES, CALIFORNIA

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

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

San Francisco Calif. April 30, 1956

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ ^{and} altering casing at Well No. "Sesnon Fee" 5

(Cross out unnecessary words)

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:

- Total depth. 9527'.
- Complete casing record.
13-3/8" casing cemented at 837'.
7" casing cemented at 9526'. Gun perforated with six 15/32" holes per foot from 9466' to 9523'. W.S.O. at 9172', W.N.S.O. at 9318' (squeezed with 92 sacks), W.N.S.O. at 9399' (squeezed with 95 sacks), plugged with cement and Sealite from 9495' to 9522'.

Present production

3. Last-produced. April 30, 1956 7 19.4° 95%

(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- Pull rods, pump, tubing and production packer.
- Set top of cast iron bridge plug at 9315'.
- Gun perforate 7" casing with six 15/32" holes per foot from 9283' to 9315'.
- Run rods, tubing and pump and return well to production.

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

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
				EB	EB

Plug & alter casing required

By [Signature]
Easton & Sacre, Engineers

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS

APR 20 1956

History of Oil or Gas Well

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

Well No. "Sesnon Fee" 5, Sec. 33, T. 3N., R. 16W., S.E. B. & M.

Date April 23, 1956 Signed L. P. Sacre

2 Pine Street

San Francisco 11 EXbrook 2-1855

(Address)

(Telephone Number)

Title

Easton & Sacre

(President, Secretary or Agent)

Engineers

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

1956

Mar. 29 Pulled rods, pump, tubing and Lane-Wells production packer. Installed Hydril bag packer.

Mar. 30 Strung in 3-1/8" x 64' Cavins sand pump and recovered rotary mud from bottom.

Mar. 31 Made trial run with Hercules cement packer and it stopped at 9522'. Installed collar locators and checked casing collar at 9442'. At 9522' ejected 2-1/2 sacks of modified cement by firing gas gun. Checked for fill after three hours, but found none. Mixed and ejected 2-1/2 sacks of cement at 9522'. Checked, but did not find any fill. Mixed and ejected 2-1/2 sacks of cement at 9521'. Checked for fill after 4-1/2 hours, but found hole open to 9522'.

Ran Cavins sand pump and recovered some rotary mud. Using McGaffey-Taylor hydraulic dump bailer bottom on 62' of 2-7/8" o.d. tubing, mixed 2 cubic feet of cement and Sealite in ratio of 1 to 1/2 and dumped it on bottom. Pulled bailer and found that about 1/2 of the material had been left in bailer. Using bailer dumped 1.6 sacks of modified cement at 9522'. After standing 4-1/2 hours, mixed two parts of cement to one part Sealite (equivalent to 2-1/2 sacks of cement) and ran in with Hercules cement packer and located top of cement fill at 9500'. Ejected cement and Sealite mixture at 9500'.

At 6:45 p.m., March 31, 1956, after standing two hours, ran cement packer and located top of plug at 9495'.

Condition of Well Subsequent to Plugging Operations:

Total Depth: 9527'.

Casing Record: 13-3/8" cemented at 937'.
 7" cemented at 9526', W.S.O. at 9172', gun perforated six 15/32" holes/ft. from 9466' to 9523', plugged with cement and Sealite from 9522' to 9495'.

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
112 00 104
LOS ANGELES, CALIF.

History of Oil or Gas Well

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

Well No. "Sesnon Fee" 5, Sec. 33, T. 3N., R. 16W., S.B. B. & M.

Date April 23, 19 56 Signed L. P. Sacre

2 Pine Street
San Francisco 11 (Address) EXbrook 2-1855 (Telephone Number) 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 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

1956

Mar. 31 (Cont'd)	Production packer was set on bottom of 2-7/8" tubing string at 9435' with 10,000 lbs. weight. 1-1/2" x 15' Alexlson insert pump set at 6990' with Admore anchor. Pumping 12 S.P.M., 74" stroke.									
Apr. 2	104	gross,	100%	cut,	62/64"	choke	T.P.	75#,	C.P.	0#
Apr. 3	142	"	"	"	"	"	"	"	"	"
Apr. 4	146	"	"	"	"	"	"	"	"	"
Apr. 5	141	"	90%	"	"	"	"	"	"	"
Apr. 6	145	"	95%	"	"	"	"	"	"	"

Note: Started showing gas on April 5, 1956 468 G/O ratio.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCESDIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONSNo. P 156-447Mr. William T Sesnon Jr
707 North Maple Drive
Beverly Hill California
Agent for PORTER SESNON, ET ALLos Angeles 15 Calif.
March 27, 1956

SEC 111

DEAR SIR:

Your proposal to plug Well No. "Sesnon Fee" 5,
Section 33, T. 3 N, R. 16 W, S B B. & M., Aliso Canyon Field, Los Angeles County,
dated March 23, 1956, received March 26, 1956, has been examined in conjunction with records filed in this office.

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

THE NOTICE STATES

"The present condition of the well is as follows:

1. Total depth. 9527'.
2. Complete casing record.
13-3/8" casing cemented at 837'
7" casing cemented at 9526'. W.S.O. at 9172'.
perforated six 15/32" holes/ft. from 9466' to 9523'.

3. Last produced.	<u>March 22, 1956</u>	<u>38 B/D</u>	<u>19.4°</u>	<u>76%</u>
	(Date)	(Net Oil)	(Gravity)	(Cut)"

PROPOSAL

"The proposed work is as follows:

1. Pull rods and pump. Pull tubing and production packer.
2. Place Hercules cement bridge plug opposite interval 9523' to 9495'.
3. Run tubing, pump and rods. Return well to production."

DECISION

THE PROPOSAL IS APPROVED.

FEK:OH

cc Porter Sesnon et al
Easton & Sacre

E. H. MUSSER, State Oil and Gas Supervisor

By R. H. Halling, Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
MAR 20 1956
LOS ANGELES, CALIF.

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. March 23, 1956

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or altering~~ casing at Well No. "Sesnon Fee" 5
(Cross out unnecessary words)

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

The present condition of the well is as follows:

1. Total depth. 9527'.

2. Complete casing record.

13-3/8" casing cemented at 837'.
7" casing cemented at 9526'. W.S.O. at 9172'.
perforated six 15/32" holes/ft. from
9466' to 9523'.

3. Last produced. March 22, 1956 38 B/D 19.4° 76%
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

1. Pull rods and pump. Pull tubing and production packer.
2. Place Hercules cement bridge plug opposite interval 9523' to 9495'.
3. Run tubing, pump and rods. Return well to production.

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
			Plug		
			subord		
			required		

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

By L.P. Sore
Easton & Sore, Engineers

DIVISION OF OIL AND GAS

SEP 10 1954

LOS ANGELES, CALIFORNIA

ET AL WELL SUMMARY REPORT

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

Field Aliso Canyon

Well No. "Sesnon Fee" #5

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

Elevation above sea level 2139.4' ground feet

Location 3827.72' South & 5599.13' West
Sta. 84 - Aliso Canyon Line

All depth measurements taken from top of Kelly bushing
which is 10.8 feet above ground

In compliance with the provisions of Chapter 91, Statutes of 1919, 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 20, 1954

Signed

Porter Sesnon

Title

Tenant

President, Secretary or Agent

Easton & Sacre

Don Gordon

(Engineer - ~~REGISTERED~~)

(Superintendent)

Commenced drilling April 22, 1954

Completed drilling July 18, 1954

Drilling tools ~~ROCK~~
Rotary

Total depth 9527' Plugged depth 9524' - 9527'

GEOLOGICAL MARKERS

DEPTH

Joint None.

Top Sesnon (S₁) Zone 9283'

Top H₂ Zone 9527'

Commenced producing July 19, 1954

(date)

Flowing ~~under pressure~~

(check box unnecessary words)

	Clean Oil bbl. per day	Gas-free Clean Oil	Per Cent Water (including emulsion)	Gas Mcf per day	tubing Pressure	Flowing Pressure
2 1/16" Nat'l & 3 1/16" Willis Initial production Bns.	112	19.6	0.2	Not Measured	175#	Packer
10 Production after 10 days	234	19.6	3.8	Not Measured	50 - 175#	Packer

CASING RECORD (Present Hole)

Size of Casing (A.P.I.)	Depth of Hole	Top of Casing	Weight of Casing	New or Second Hand	Seams or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Joints of Casing	Depth of Cement through perforations
13-3/8"	837'	Surface	54.5#	New	Smis.	J-55	18-5/8"	500	-
7"	9526'	Surface	23, 26 & 29#	New	Smis.	N-80	11"	700	-

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Holes	Distance Between Casing	Method of Perforation
7"	9466'	9523'	Six 1/2" holes per foot	-	-	Gun perforated.

Electrical Log Depths

837' - 9521'

(Attach Copy of Log)

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

SEP 10 1954

ET AL History of Oil or Gas Well

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

Well No. "Sesnon Fee" #5, Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

Signed Porter Sesnan
Title Tenant
(President, Secretary or Agent)

Date August 20, 1954

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1954

Prior to moving in drilling equipment set conductor pipe at 48', 20" Taylor spiral weld 8 gauge welded surface casing. Cellar 12' deep. Conductor bottom 26' below cellar floor.

April 20 to 22 incl. Kellogg & Sons, drilling contractor, moved rig from "Sesnon Fee" #4 to "Sesnon Fee" #5 location, rigged up, and started drilling operations at 10:00 P.M. April 22, 1954. Drilled 108' of 12-1/4" hole. 75# mud, 45 - 50 sec. viscosity.

4-23 Drilled 12-1/4" hole from 108' to 150' and lost circulation. Mixed lost circulation material and regained after 2 hours. Drilled ahead to 219' and lost circulation. Mixed lost circulation material and regained after 6 hours.

Ran 12-1/4" x 18" hole opener and opened hole to 18" from 0' to 87'.

4-24 Ran 12-1/4" shoulder bit and reamed hole to 219', drilled ahead to 250'. Lost 100 barrels mud to formation. Ran 12-1/4" x 18" hole opener and opened hole from 87' to 225'. Ran 12-1/4" bit and drilled from 250' to 312'.

4-25 to 4-26 incl. Ran 12-1/4" bit and drilled from 312' to 810'. Lost circulation for 1-3/4 hours at 655'. Drilled ahead and lost circulation for 1 hour at 693'. 69# mud, 40 to 50 sec. viscosity.

4-27 Drilled 12-1/4" hole from 810' to 877'. Twisted off. Top of fish 789.14'. Ran Baash-Ross bumper sub and socket. Made two runs and recovered fish.

4-28 to 4-30 incl. Drilled 12-1/4" hole from 877' to 1691'. Twisted off. Top of fish at 1405'. Ran Baash-Ross bumper sub and socket. Made one run and recovered fish. Drilled ahead from 1691' to 1818'. 71# mud, 42 sec. vis., 8% sand, 25 cc/30 min. water loss, 2/32" F. C.

4-31 to 5-3 Drilled 12-1/4" hole from 1818' to 2028'. Ran 12-1/4" x 18" hole opener and opened hole to 18" from 225' to 834'.

DIVISION OF OIL AND GAS

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History of Oil or Gas Well

SEP 10 1954

Porter Sesnon, Barbara Sesnon Cartan,
OPERATOR Wm. T. Sesnon Jr., Tenants in Common FIELD Aliso Canyon LOS ANGELES, CALIFORNIA

Well No. "Sesnon Fee" #5, Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

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Date
1954
5-3

5-4

5-5
to
5-15

5-16 to
5-18

5-19

5-20

Ran and cemented at 837', 22 joints of 13-3/8", J-55, range 3, 54.5#, S. T. & C., new, Spang casing, with mixture of 314 sacks type C cement, 13 sacks gel, 471 cu. ft. Sealite, all mixed to 81# - 82# slurry in 30 minutes, followed by 100 sacks neat cement mixed to 118# slurry in 5 minutes (20% excess). Used one top rubber plug and one top wooden plug, followed by 10 cu. ft. cement and 718 cu. ft. mud all displaced in 20 minutes. Working pressure of 200#. Plug bumped under 700#. Theoretical and actual displacement both 728 cu. ft. Good circulation throughout with no cement returns to surface. Cement in place at 12:00 noon, May 3, 1954. After standing cemented 2-1/2 hours, ran 55' of 2" pipe down annulus and pumped in 85 sacks cement which brought cement to surface.

After standing cemented 8 hours, landed casing and installed blow-out prevention equipment. Tested blow-out prevention equipment and casing with 1000# for 15 minutes, O.K. Ran 11" bit and located top of cement and plugs at 833'. Closed pipe rams and tested with 1000# for 15 minutes, O.K. Drilled out plugs and shoe at 837' and cleaned out to 2028'. Drilled 11" hole from 2028' to 2211'.

Drilled 11" hole from 2211' to 5273'. Lost 200 barrels drilling fluid to formation at 5273' in 1 hour 15 minutes. Mixed mud and regained circulation. Drilled ahead from 5273' to 5504'. 80# mud, 4 1/4 sec. vis., 5% sand, 8 cc/30 min., W. L., 2/32" F. C.

Drilled 11" hole from 5504' to 6132', circulated and conditioned hole. 81# mud, 43 sec. vis., 5-1/2% sand, 7.6 cc/30 min., 2/32" F. C.

Ran and set K & R whipstock #1 at 6132', oriented N 10° E. Drilled 5-3/4" hole off whipstock to 6144'. Ran Zublin differential bit, reamed rat hole and drilled ahead to 6166'. Ran 11" Smith bit and drilled from 6166' to 6210'.

Ran K & R whipstock #2 and set at 6210', oriented N 40° E. Drilled 5-3/4" hole off whipstock to 6224'. Ran Zublin and opened hole to 6224' and drilled ahead to 6225'.

DIVISION OF OIL AND GAS

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History of Oil or Gas Well

SEP 10 1954

OPERATOR **Porter Sesnon, Barbara Sesnon Cartan,**
Wm. T. Sesnon Jr., Tenants in Common FIELD **Aliso Canyon** LOS ANGELES, CALIFORNIA

Well No. **"Sesnon Fee" #5**, Sec. **33**, T. **3 N.**, R. **16 W.**, S. B. **B. & M.**

Signed _____

Date **August 20, 1954** Title _____
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Date

1954
5-21

Ran 11" bit and reamed hole from 3650' to 6225'. Drilled ahead from 6225' to 6316'. Added 50 barrels oil to mud system. 80# mud, 49 sec. vis., 3% sand, 7.6 cc/30 min., 2/32" F. C.

5-22
to 5-28
incl.

Drilled 11" hole from 6316' to 7113', conditioned mud. Set K & R whipstock #3 at 7113', oriented S 52° E. Drilled off whipstock with 5-3/4" bit to 7125'.

5-29

Ran Zublin differential and opened hole to 7125'. Ran 11" bit and drilled 7125' to 7204'. 74-1/2# mud, 43 sec. vis., 1/2% sand, 4.4 cc/30 min., 2/32" F. C.

5-30

Ran K & R whipstock #4 and set at 7204'. Drilled 5-3/4" hole off whipstock to 7216'. Ran Zublin differential and opened hole to 7216'. Ran 11" bit and reamed hole 6825' to 6890' and 7204' to 7216'. Drilled ahead to 7245'. 74# mud, 40 sec. vis., 1/2% sand, 3.8 cc/30 min., 2/32" F. C.

5-31
to
6-4
incl.

Drilled 11" hole from 7245' to 7867'. 75# mud, 40 sec. vis., 1/2% sand, 4.6 cc/30 min., 2/32" F. C.

6-5

Ran K & R whipstock #5, set at 7867', oriented S 40° E. Drilled off whipstock with 5-3/4" bit to 7877'. Ran Zublin differential and opened hole to 7877'. Ran 11" bit and reamed hole from 7500' to 7877' and drilled ahead to 7941'. 77# mud, 45 sec. vis., 1/2% sand, 4 cc/30 min., 2/32" F. C.

6-6 to
6-11

Drilled 11" hole from 7941' to 8798'. 80-1/2# mud, 43 sec. vis., 1/2% sand, 3 cc/30 min., 2/32" F. C.

6-12

Ran K & R whipstock #6, set at 8798', oriented S 40° E. Drilled off whipstock with 5-3/4" bit to 8812'. Ran Zublin differential, opened hole to 8812' and drilled ahead to 8823'.
Ran 11" bit and pipe stuck at 8515'. 80# mud, 46 sec. vis., 1% sand, 4 cc/30 min., 2/32" F. C.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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

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Date

1954

6-13

to

6-15

Worked pipe free after 16 hours and spotting oil. Reamed hole 8515' to 8825'.
Cleaned out to bottom and drilled 11" hole from 8823' to 9031'. 80# mud, 50 sec.
vis., 1-1/2% sand, 3.2 cc/30 min., 2/32" F. C.

6-16

Ran 11" bit and drilled 9031' to 9034'. Pipe stuck, worked pipe free after 6 hours.
Drilled 9034' to 9059'. Ran Grant reamer and reamed hole 8960' to 9059'.

6-17

Ran 11" bit and drilled 9059' to 9177'. Ran Schlumberger electric log (first run).
Drilled 11" hole 9177' to 9202'.

6-18

to

6-20

incl.

6-21

Ran 7-5/8" Reed core barrel, cored continuously from 9202' to 9265'. Recovered 48'.
Cleaned out 11" hole to 9203' with hole opener and cleaned out 7-5/8" hole 9203' to
9265' with 7-5/8" bit. 79# mud, 52 sec. vis., 2% sand, 3.6 cc/30 min., 2/32" F. C.

J. F. T. interval 9216' - 9265'. Ran M. O. Johnston tester on 4-1/2" full hole drill
pipe, hydraulic type tester, Baash-Ross safety joint, Sutliff jars, 990' water
cushion, reverse circulating valve on top of drill collar, 154' of 5-5/8" drill
collars, shut-in tool, and 2 pressure recorders. Set bob-tail packer at 9216'.
Opened valve at 8:30 A.M. for 3 hour test. Medium steady blow for approximately
1 hour, decreasing to weak at end of test. Gas odor in 3 to 5 minutes. Took 2
hour shut-in test. Dropped two bars, however, reverse circulating valves did not
operate. Had net rise of 6730' clean oil. No free water. Drill pipe unloaded
5 or 6 times. Charts showed tool operated satisfactorily. Gravity of oil - 19.8°.

6-22

Ran 7-5/8" bit, drilled 9265' to 9285'. Lost 140 barrels drilling fluid to formation.
Mixed mud for 5 hours and regained circulation after losing an additional 200 barrels
of drilling fluid to formation. 75# mud, 50 sec. vis., 1% sand, 3.2 cc/30 min.,
2/32" F. C.

6-23

Ran Reed 7-5/8" core barrel and cored from 9285' to 9394'. Recovered 60-1/2'.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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

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Date

1954
6-23
to
6-24
incl.

J. F. T. interval 9288' - 9394'. Ran M. O. Johnston tester on 4-1/2" full hole drill pipe, 154' drill collars, hydraulic tester shut-in tool, Baash-Ross safety joint, Sutliff jars, reverse circulating valve on top of first stand above drill collars. Set bob-tail packer at 9288' with 950' water cushion, left hand joint below packer. Opened valve at 8:45 P.M. for 3 hour test. Weak medium blow with weak heads throughout test. Very slight gas odor in 3 minutes. Recovered 5500' net rise including top 1150' oil and oil emulsion. Sample #1 cut 31% water, 1% emulsion and mud. Sample #2 cut 24.4% water and 0.6% emulsion and mud. Balance of rise or 4354' clear water testing 768 G/G, 800 G/G and 815 G/G. Pressure charts dropped to 1100# which built up to 2800# at end of test. Took 2 hour shut in test. Pressure built up to 3000# at end of shut in test.

6-25
6-26
incl.

Ran 7-5/8" bit and reamed hole from 9360' to 9394'. Lost circulation, mixed mud and regained full circulation after 11 hours. Lost total of 900 barrels of mud to formation. After regaining circulation spent 8 hours adding oil and conditioning mud.

6-27

Ran Schlumberger electric log and tool would not go below 9202'. Ran 7-5/8" bit found hole bridged at 9205'. Cleaned out to 9394', circulated, pulled up to 9100' and ran back to 9394'.

6-28
6-30
incl.

Ran Schlumberger electric log to 9384' (second run). Ran Reed 7-5/8" core barrel and cored from 9394' to 9527'. Recovered 87-1/2'. Ran Schlumberger electric log to 9521' (third run). Ran 7-5/8" bit, conditioned hole and mud to 9527'.

7-1

J. F. T. interval 9466' - 9527'. Ran M. O. Johnston hydraulic tester on 4-1/2" full hole drill pipe with 154' drill collars. Set single bob-tailed packer at 9466', 990' water cushion, shut-in tool, Baash-Ross safety joint, Sutliff jars, left hand joint below packer, and reverse circulation ports. Strong steady blow for 15 minutes, gas to surface in 2 minutes, good petroleum odor. Blow decreasing to weak in 2 hours and 10 minutes. Well started flowing to sump in 2 hours and 10 minutes. Unloaded cushion in 15 minutes. Well flowed 19.4 gravity oil (corrected) for 1 hour 15 minutes. Final cuts were 0.2% mud, 0.2% water, then only 0.2% total cut of mud. Shut in for 2 hours. Drill pipe unloaded for approximately one hour after shut in. Tried to work back-scuttling valves after pulling out of rat hole. Back-scuttling valves failed to work. Pulled pipe wet which unloaded several times.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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

Well No. "Sesnon Fee" #5, Sec. 33, T. 3 N., R. 16 W., S. B. B. & M.

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Date

1954
7-2
7-3
incl.
7-4

Ran 7-5/8" x 11" hole opener, reamed hole from 6000' to 9202'. Opened 7-5/8" hole to 11" from 9202' to 9527'. Circulated 3 hours and conditioned hole for pipe.

Ran and cemented at 9526', 229 joints 7" casing, 23#, 26# and 29#, N-80, 8 round thread, L. T. & C., new Spang casing, cemented with 700 sacks Victor Hi-Temp cement. Oil Well Cementing equipment used. Two trucks mixed 118#/cu. ft. slurry in 16 minutes and displaced 2094 cu. ft. mud (20 cu. ft. over theoretical) in 40 minutes. Plug bumped under 1500# pressure. Working pressure 800 psi. Used one top rubber plug. Cement in place at 12:10 P.M. Full circulation returns throughout job.

Casing detail: Baker fill-up shoe, Baker fill-up collar on top first joint. Centralizers 10', 77', 137', 257' and 337' above shoe. Four B - W Multi-flex scratchers evenly spaced between 100' and 140' above shoe. Also 4 scratchers evenly spaced between 340' and 380' above shoe. Bottom 23 joints (890') 7" x 29#, N-80, next 50 joints (2065') 7" x 26#, N-80, balance (6546') 7" x 23#, N-80, except top joint which was 7" x 29#, N-80.

7-5
7-7
incl.

After standing cemented 12 hours, landed 7" casing, installed tubing head, control head and blow-out prevention equipment. After standing cemented 24 hours, blow-out prevention equipment was closed and tested under 1000# for 30 minutes, O.K. After standing cemented 72 hours, ran 6-1/8" bit and casing scraper on 3-1/2" drill pipe. Measured in hole and tested casing and pipe rams with 1500# for 30 minutes, O.K. Located top of baffle collar at 9482', circulated and conditioned mud.

7-8

Water shut-off through shot holes at 9172'. Ran M. O. Johnston Shoot-N-Test on 3-1/2" I. F. drill pipe. Jet perforated four 1/2" holes at 9172'. Hydraulic tester, 990' water cushion, with packer set at 9120'. Used 20' of 2-7/8" perforated tail to 9140'. Opened valve at 11:40 P.M. for 1 hour test. Had medium blow for 25 minutes and light blow for balance of test. Gas to surface in 35 minutes. Recovered net rise of 1095', including 1080' gassy oil and 15' water on top of tool. Water tested 262.5 G/G. Test witnessed and approved by Mr. Borkovich, Division of Oil and Gas Engineer.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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Date

1954

7-8

cont'd.

Attempted squeeze of shot holes at 9172'. Ran Halliburton squeeze tool on 3-1/2" 15.5#, I. F. drill pipe. Set packer at 9108' and broke down formation under 4050 psi. Mixed 75 sacks Victor Hi-Temp cement to 116# slurry. Pumped 20 cu. ft. water ahead of cement and followed with 10 cu. ft. water. Squeezed cement away under 5000 psi which broke down to 500 psi. Could not maintain pressure. Over displaced with 20 cu. ft. Finished 3:00 P.M.

Re-squeeze of shot holes at 9172'. Ran Halliburton squeeze tool, set packer at 9108' and broke down formation under 4600 psi. Mixed 100 sacks Victor Hi-Temp cement to 116# slurry. Preceded cement with 20 cu. ft. water and followed with 10 cu. ft. Squeezed 38 sacks cement through shot holes leaving 11 sacks in casing, under 5300 psi. Pressure held for 10 minutes without loss. Back scuttled estimated 51 sacks cement. Finished squeezing at 7:35 P.M.

7-9

Ran 6-1/8" bit and casing scraper and located top of cement at 9110' and drilled out cement to 9174'. After standing cemented 18 hours, pressure tested casing and shot holes at 9172' with 1500# pressure for 15 minutes, O.K.

W. N. S. O. through shot holes at 9318'. Ran M. O. Johnston combination jet gun and hydraulic tester on 3-1/2" I. F. drill pipe. Shot four jet holes at 9318'. Set packer at 9270'. Opened valve at 9:45 P.M. for 1 hour test. Light steady blow for 15 minutes, then light heading blow for balance of test. Gas to surface in 3 minutes. Recovered net rise of 6100' oil and oily mud, first sample 9.2% mud, 28% water, 27% emulsion. Fourth sample 2% mud, 28% water, 25% emulsion. Bottom 240' very watery looking oil. Water tested 600 G/G. Charts showed pressure drop to 600 psi on opening valve and build up to 2600 psi by time valve was closed.

7-10

Squeeze four 1/2" shot holes at 9318'. Ran Halliburton squeeze tool on 3-1/2", 15.5#, I. F. drill pipe and hole took fluid while attempting to circulate. Set packer at 9265' and broke down formation with 0 psi. Mixed 100 sacks Victor Hi-Temp cement to 120# slurry. Preceded cement with 30 cu. ft. water and followed with 10 cu. ft. water. Pressure built up to 5000# for 2 minutes due probably to pieces of rubber in shot holes while mixing. Built up back pressure to 2000 psi where it held. Squeeze pressure dropped to 800 psi while displacing, outside pressure built up to 2500 psi. Final squeeze pressure 3000 psi which bled back 6 cu. ft. Estimated 92 sacks cement put away. Cement in place 11:45 A.M.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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Date

1954
7-11

After standing cemented 24 hours, ran bit and casing scraper to 9170' and pressure tested casing with 2000 psi for 15 minutes, O.K. Located top of cement at 9270' and drilled out cement to 9350'. Pressure tested casing with 2000 psi for 15 minutes, O.K. Ran bit to 9482' and circulated and conditioned mud.

7-12

J. C. T. interval 9147' - 9482'. Ran M. O. Johnston tester on 3-1/2" I. F. drill pipe, 3200' water cushion, set packer at 9147'. Opened valve at 1:25 A.M. for 1 hour test. Puff blow for 2 minutes then dead for balance of test. Recovered 15' net rise of drilling fluid. Charts showed tool operated satisfactorily.

W. N. S. O. through shot holes at 9399'. Ran M. O. Johnston combination jet gun and hydraulic tester. Shot four jet holes at 9399'. Used 930' water cushion and opened valve at 10:30 A.M. for 1 hour test. Light steady blow for 30 minutes, then faint steady blow for 30 minutes. Gas odor in 2 minutes. Recovered net rise of 3390' of watery oily mud. No free oil. Water tested 455 G/G. Charts showed tool operated satisfactorily.

Squeeze shot holes at 9399'. Ran Halliburton squeeze tool on 3-1/2", 15.5#, I. F. drill pipe and set packer at 9345'. Broke down formation under 1600 psi. Mixed 100 sacks Victor Hi-Temp cement to 120# slurry. Preceded cement with 30 cu. ft. water and followed with 10 cu. ft. water. Maximum pressure reached was 5000 psi which broke down to 3000 psi. Back up pressure 2000 psi maximum. Bled back 5 cu. ft. Estimated 95 sacks through shot holes. Cement in place at 9:45 P.M.

7-13
7-14
incl.

After standing cemented 28 hours, ran bit and casing scraper and located top of cement at 9350'. Tested casing and shot holes at 9172' and 9318' with 2000 psi for 15 minutes, O.K. Drilled out cement to 9401' and tested casing and shot holes at 9172', 9318' and 9399' with 2000 psi for 15 minutes, O.K. Circulated and conditioned mud.

J. C. T. shot holes at 9466'. Ran M. O. Johnston combination gun and hydraulic tester on 3-1/2" I. F. drill pipe. Shot four 1/2" holes at 9466' and set packer at 9427' with 900' water cushion. Ran reverse circulating ports. Opened valve at 1:35 P.M. for 3 hour 45 minute test. Light blow for 3 minutes, medium strong blow for 15 minutes. Gas to surface in 5 minutes. Good petroleum odor. Blow decreasing to weak in 2 hours 10 minutes. Well started flowing in 2 hours 10 minutes. Unloaded cushion in 15 minutes. Well flowed 17.8° gravity oil with 6% cut. (Corrected for

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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

Well No. "Sesnon Fee" #5, Sec. 33, T. 3 N. R. 16 W. S. B. B. & M.

Signed _____

Date August 20, 1954 Title _____
 (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

1954

7-14

cont'd.

temperature but not cut) 20.5° gravity measured at 92°F. Final cut was 3.8% including 0.4% mud and 3.4% emulsion.

7-15

Ran 6-1/8" bit and casing scraper and drilled out float collar from 9482' to 9484' and cement to 9524'.

Circulated and conditioned mud and spotted 12 barrels of oil on bottom to fill 300' of 7" pipe. Pulled out of hole, laying down drill pipe.

Perforate interval 9466' - 9524'. Lane - Wells ran 5-7/16", A-2 gun and shot six 15/32" bullet holes per foot from 9466' to 9524' (total 342 holes). Finished perforating 5:30 A.M. July 16, 1954.

7-16

Ran 300 joints of 2-7/8" O.D., 6.5#, J-55, E. U., 8 round thread tubing. Ran shop made Venturi type shoe on bottom, 2.1" I.D., Lane - Wells B.O.C.L. long stroke 7" production packer just above Venturi shoe, ran D. & B. top-lock, bottom hold down full hole pump shoe (2-1/8" I.D.) on top of second joint. Displaced mud with oil (approximately 380 barrels) in 3 hours time. Set packer at 9435' (K. B. measurement) and landed with approximately 18,000# on packer. National landing nipple (1.5') with removable plug inside used to land tubing in rams. Removed blow-out prevention equipment. Installed xmas tree and removed plug from inside tubing through xmas tree.

7-17

Started swabbing operations at 2:00 A.M. Ran swab 5 times from 2000' and produced 15 barrels fluid when sand line parted, leaving swab and estimated 200' sand line in tubing.

Pulled packer loose. Filled hole with oil and pulled 69 stands, leaving 31 stands in hole when well began flowing through tubing. Pumped in annulus 50 barrels salt water in attempt to kill well which was unsuccessful. Pumped in mud through annulus until water was displaced and mud returns came back through tubing. Well still tried to flow. Ran in with 20 joints more of tubing and pumped in enough mud to displace oil to 4800'. Well was dead long enough to pull tubing and recover swab and sand line.

DIVISION OF OIL AND GAS

ET AL 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" #3** Sec. **33** T. **3 N.** R. **16 W.** S. **B.** B & M

Signed _____

Date **August 20, 1954**

Title _____

(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 casing 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 hauling.

Date

1954
7-18

Reran 2-7/8" tubing to 9445'. Circulated out mud with clean oil. Set packer with 16,000# at 9435'. Placed National retrievable plug inside landing nipple. Removed blow-out prevention equipment and installed xmas tree. Removed tubing plug through tree and started swabbing at 5:00 P.M. Swabbed from 2250' to 2000'. After 15 minutes fluid rose to 1100' and stayed there until last swab run when well started flowing at 10:00 P.M.

Rig released 11:00 P.M. July 18, 1954.

7-19

Well turned to tanks 12:30 A.M., July 19, 1954.

7-1/2 hrs.	July 19, 1954	159 bbls.	0.2% cut	150 to 175 psi on tubing.
2h hrs.	July 20, 1954	442 bbls.	6.0% cut	175 to 125 psi on tubing.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

LOG AND CORE RECORD OF OIL OR GAS WELL

SEP 10 1954

Porter Sesnon, Barbara Sesnon Cartan,

Operator Wm. T. Sesnon Jr., Tenants in Common

Field Aliso Canyon

LOS ANGELES, CALIFORNIA

Well No. "Sesnon Fee" #5

Sec. 33

T. 3 N. R. 16 W.

S. B. B & M

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cased	Remarks	DESCRIPTION
Top of Formation	Bottom of Formation				
0'	219'		Drilled		Rock, sand and gravel.
219	312		"		Sand and rock.
312	514		"		Gravel and blue shale.
514	659		"		Rock.
659	893		"		Rock and sand.
893	3312		"		Sand and shale.
3312	3381		"		Shale.
3381	4245		"		Sand and shale.
4245	4726		"		Shale.
4726	4905		"		Sand and shale.
4905	4990		"		Shale.
4990	5776		"		Sand and shale.
5776	5823		"		Shale.
5823	6087		"		Sand and shale.
6087	6132		"		Sand.
6132	6225		"		Shale, streaks sand.
6225	6316		"		Sand and shale.
6316	6344		"		Hard shale.
6344	6404		"		Hard sand.
6404	6460		"		Hard shale.
6460	6527		"		Sand and hard shale.
6527	6670		"		Shale.
6670	6918		"		Hard shale.
6918	7227		"		Shale.
7227	7245		"		Hard shale.
7245	7465		"		Shale and sand.
7465	7993		"		Hard shale.
7993	7760		"		Shale.
7760	7862		"		Sand and shale.
7862	8076		"		Shale.
8076	8113		"		Shale and shells.
8113	8184		"		Shale.
8184	8266		"		Shale and shells.
8266	8415		"		Shale.
8415	8721		"		Shale and shells.
8721	8796		"		Sand and shale.
8796	8916		"		Shale.
8916	9202		"		Hard shale.

SUBMIT IN DUPLICATE

FORM 101
CALIFORNIA STATE PRINTING OFFICESTATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Porter Sesnon, Barbara Sesnon Cartan,

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

Well No. "Sesnon Fee" #5 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				
9285'	9315'	30'	Core #4	21-1/2'	3-1/2' Gray, tight, siltstone, mottled oil staining, occasional fossils, bottom 1-1/2' sandy. 10' Medium to coarse grained, firm to friable, oil stained sandstone, occasional fossil shells. 4' Medium to fine grained, silty to clayey, oil stained sandstone, platy bedding plane fractures. Some steep shear. Free oil on fractures. This interval probably tight. 4' Medium to coarse, firm friable, oil stained sandstone.
9315	9345	30'	Core #5	15' (Tray #1) (Tray #2) (Tray #3) (Tray #4) (Tray #5)	3' Medium grained, soft friable, oil stained sand. Platy bedding plane fractures. Top 1' of interval hard limy sandstone shell. 3' As above, with 6" shell near center of tray. 3' As above. Plentiful platy partings of laminae. Thin sandy beds show variations of shale probably due to changes in permeability. 3' As above. 1' hard shell at top of tray. 3' As above. This tray blew out of core barrel. Bottom 1' gray dense siltstone. Slickensides on shells.
9345	9370	25'	Core #6	11'	9' Hard gray siltstone. Plentiful shear 45° - 60° - occasional spots oil stained. 2' Fragments fine grained silty oil stained sands. (Note: No suitable sample for core analysis.)

SUBMIT IN DUPLICATE

FORM 101
CALIFORNIA STATE PRINTING OFFICESTATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Porter Sesnon, Barbara Sesnon Cartan,

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

Well No. "Sesnon Fee" #5 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					
9370'	9394'	24'	Core #7	13'	13'	Homogeneous, soft to firm friable, fine grained, silty, oil stained sandstone. Abundant platy bedding plane fractures. Free oil on fracture planes. Bottom 3' blew out of core barrel. Core appears relatively tight but no barren intervals recovered.
9394'	9419'	25'	Core #8	11-1/2'	7'	Homogeneous, tight, siltstone. Mottled oil staining. Some free oil on bedding plane fractures. 1' Hard, limy sandstone shell. Shear at 45°. 3' Massive, tight, siltstone, mottled oil staining. 1/2' Hard sandstone shell and few fragments of fine grained silty oil sand in core catcher. Dark cut with CCl ₄ . Note: No sample for core analysis. Entire interval recovered appears impermeable for production.
9419'	9449'	30'	Core #9	21-1/2'	1/2'	Dense brownish shale with steep shear. 1' Hard, limy sandstone shell. 6' Massive brownish gray siltstone. Mottled oil staining, some free oil on bedding plane fractures. 1' Limy sandstone shell. 9' Gray silty shale and siltstone. Some thin sandy streaks, mottled oil staining, some free oil on bedding plane fractures. 2-1/2' Limy sandstone shell. 1/2' Siltstone. 1/2' Medium grained, firm friable oil sand, dark CCl ₄ cut. Note: Some gray sandstone fragments in core catcher and core barrel.

DIVISION OF OIL AND GAS

SEP 10 1954

LOG AND CORE RECORD OF OIL OR GAS WELL

LOS ANGELES, CALIFORNIA

Porter Sesnon, Barbara Sesnon Cartan,

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

Well No. "Sesnon Fee" #5 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				
9449'	9479'	20'	Core #10	13-1/2'	<p>4-1/2' Coarse grained, good permeability and porosity, firm friable sandstone oil stained but with washed appearance and with some grayish streaks.</p> <p>1-1/2' Hard limey sandstone shell.</p> <p>3-1/2' Coarse grained, firm, friable, porous, oil stained sandstone, with gray streaks. Bottom of interval gray - appears wet.</p> <p>4' Hard limey sandstone shell, quartzitic cobble in bottom of core.</p>
9479	9503	24'	Core #11	15'	<p>10' Fine grained, firm, friable, silty oil sand, plentiful bedding plane fractures with residual oil spots, good odor, dark CCl_4 cut.</p> <p>2' Fragment of hard limey sandstone shell and silty oil sand as above.</p> <p>2-1/2' Fine grained, silty oil sand.</p> <p>1/2' Gray limey, hard sandstone shell.</p>
9503	9527	24'	Core #12	26' (2' over)	<p>20' Coarse to medium grained, firm to hard friable oil stained sandstone, scattered small pebbles throughout interval, several thin hard limey sandstone shells throughout interval. Somewhat silty in spots with some small inclusions of dense gray sand. Good odor, dark CCl_4 cut. Some residual oil on fracture planes.</p> <p>6' Hard, gray, limey sandstone shell with lenses of conglomerate. Bottom 6" of interval medium to coarse grained, firm friable, oil stained sand.</p> <p>Note: Core bit was polished and the three cutters gone. Est. H₂ Zone 9527'.</p>

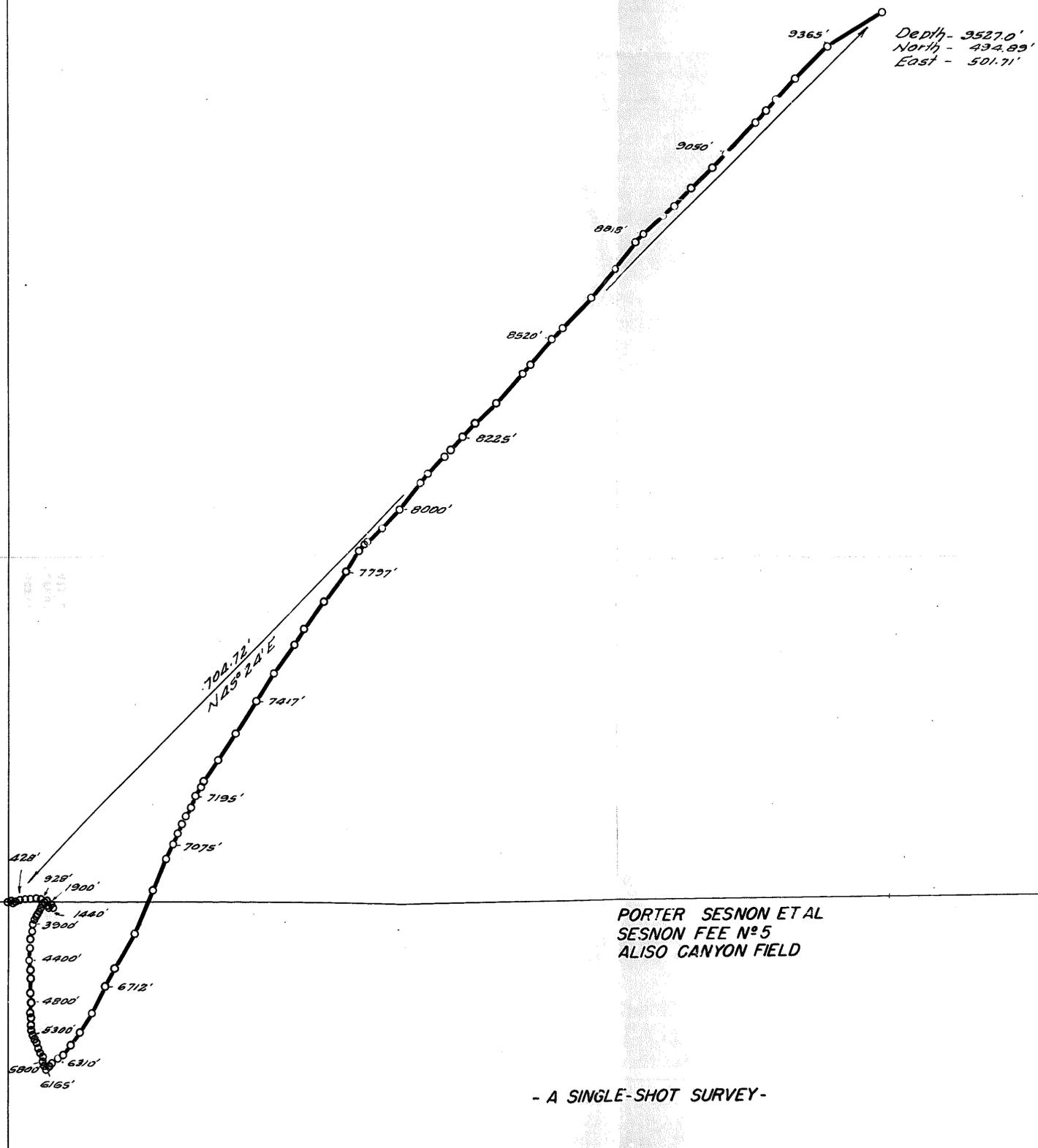
Core descriptions by C. L. Dorn

Total depth: 9527'
Electric log to 9521'.

PLAN



1"=50'



PORTER SESNON ET AL
 SESNON FEE N° 5
 ALISO CANYON FIELD

- A SINGLE-SHOT SURVEY -

ADVANCED DIRECTIONAL DRILLING COMPANY, VENTURA
 K & R DIRECTIONAL DRILLING SERVICE, LONG BEACH

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off

(FORMATION TESTER)

No. T 154-803

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

Los Angeles 15 Calif.
July 16 19 54

SEC. 3606 WELL

DEAR SIR:

Your well No. "Sesnon Fee" 5, 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 8, 19 54. Mr. G.J. Borkovich, Engineer, designated by the supervisor was present
from 3:15 to 6:15 a.m. as prescribed by law; there were also present H. Allen, Engineer;
I. Tinsley, Drilling Foreman.

Shut-off data: 7 in 23, 26, 29 lb. casing was xx cemented xxxxx at 9526 ft.
on July 4, 1954 in 11 in. hole with 700 sacks of cement
xxxxx calculated to fill behind casing to 7450 ft. below surface.

Casing record of well: 13-3/8" cem. 837'; 7" cem. 9526', four 1/2" holes 9172', W.S.O.

Present depth 9527 ft. cmt. bridge 9526 ft. to 9482 ft. Cleaned out ~~xxxxxx~~ to 9482 ft. for test.
A pressure of 1500 lb. was applied to the inside of casing for 30 min. without loss after cleaning out to 9482 ft.
A Johnston gun and tester was run into the hole on 3 1/2 in. drill pipe ~~xxxx~~
with 900 ft. of water-mud cushion, and packer xx set at 9120 ft. with tailpiece to 9140 ft.
Tester valve, with 7/8 in. ~~xxxx~~ bean, was opened at 11:40 p.m., July 7, 1954 and remained
open for 1 hr. and xxx min. During this interval there was a medium blow for 25 min., then a
light blow thereafter. Gas reached the surface in 35 min.
Mr. Allen reported:

- 1. An 11" rotary hole was drilled from 837' to 9527'.
- 2. The 7" casing was shot-perforated with four 1/2" holes at 9172'.

THE ENGINEER NOTED:

- 1. When the drill pipe was removed, 1095' of gassy oil was found in the drill pipe above the tester, equivalent to 8.1 bbl.
- 2. The recording pressure bomb chart showed that the tester valve was open 1 hr.

THE 7" SHUT-OFF AT 9172' IS APPROVED.

GJB:OH

cc Porter Sesnon, et al
Easton & Sacre

M/B

E. H. MUSSER
~~R. D. BUSH~~ State Oil and Gas Supervisor

By R. W. Walling, Deputy
Jrey

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 154-549

Los Angeles 15

Calif.

May 14 1954

William T Sesnon Jr

707 North Maple Drive

Beverly Hills

Calif.

Agent for PORTER SESNON, ET AL

SEC. 3606 WELL

DEAR SIR:

Operations at your well No. "Sesnon Fee" 5 Sec. 33, T. 3 N, R. 16 W, S B B. & M.,
Aliso Canyon Field, in Los Angeles County, were witnessed by

J. F. Matthews, Inspector, representative of the supervisor,

on May 6, 1954. There was also present F. Dearing, Driller;

W. Harley, Derrickman.

Casing Record 13-3/8" cem. 834', T.D. 2596',
837'

Junk None

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

The inspector arrived at the well at 12:30 p.m. and Mr. Dearing reported:

1. An 18-3/8" rotary hole was drilled from the surface to 834'.
2. On May 3, 1954, 13-3/8", 54.5 lb. casing was cemented at 834' with 319 sacks of cement, 471 cubic feet of Stratacrete, and 13 sacks gel. followed by 100 sacks of cement.
3. Cement returned to the surface.
4. An 11" rotary hole was drilled from 834' to 2596'.

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

1. A Hydril blowout preventer for closing in the well with the drill pipe out of the hole.
2. A Shaffer ram-type gate for closing around the 4-1/2" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 13-3/8" casing below the above equipment.

THE INSPECTION WAS COMPLETED AT 12:50 P.M.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

JEM:CH

M
F

cc Easton & Sacre
Porter Sesnon et al

E. H. MUSSER

~~E. H. MUSSER~~

State Oil and Gas Supervisor

By *R. M. Walling* Deputy

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

D

No. P 154-523

Los Angeles 15

Calif. April 22

19 54

Mr. William T Sesnon Jr
707 W Maple Drive
Beverly Hills
Calif.**SEC. 3606 WELL**

Agent for PORTER SESNON, ET AL

DEAR SIR:

Your proposal to drill Well No. "Sesnon Fee" 5
 Section 33, T. 3 N., R. 16 W. S. B. B. & M., Aliso Canyon Field, Los Angeles County,
 dated Apr 8 19 54, received Apr 15 19 54, 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 STATED:

"Location of Well: 3827.72' feet South and 5599.13' feet West at right angles to said line from Station 84 Aliso Canyon Line

Elevation of ground above sea level 2439.4 feet net datum.

All depth measurements taken from top of Kelly bushing which is 10.8 feet above ground.

Note: Well to be drilled under paragraph #3606 of Calif. Laws For Conservation of Petroleum & Gas due to rough topography. Bottom of hole to be approx. 700' from mouth of well."

PROPOSAL:

"Proposed Casing Program

Size of Casing	Weight	Grade and Type	Top	Bottom	Cementing Depths
13-3/8"	54.5#	J-55 Sals	Surface	600'-1500'	Note: Cementing depths to depend on lost circulation zones.
7"	29#	N-80 Sals	Surface	9275'±	9275'±
5-1/2"	17#	J-55 Sals	9225'±	9550'±	

Intended zone or zones of completion: Sesnon Zone 9275'± - 9550'±

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

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

- The provisions of Sec 3606 relating to derricks and subsurface spacing shall be followed.
- A directional survey shall be made and filed with this division.
- Mud fluid consistent with good drilling practice shall be used and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
- Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
- THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS
 - To inspect the installed blowout prevention equipment before drilling below 2000'.
 - To witness a test of the effectiveness of the 7" shut-off.

PEK:ES

cc Porter Sesnon et al
Easton & Seare

NOTE: This approval is granted under Sec. 3606, Public Resources Code
 Substantially all of the surface of the parcel is unavailable for the
 location of oil or gas wells.

Bond No L 95013

E. H. MUSSER

State Oil and Gas Supervisor

By

R. M. Hallberg

Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

3

APR 15 1954

LOS ANGELES, CALIFORNIA

037-00651

San Francisco Calif. April 8, 1954

DIVISION OF OIL AND GAS

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
18A		EB	R95013	EB	EB

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that this

our intention to commence the work of drilling well No. "Sesnon Fee" #5, Sec. 33, T. 3 N.,

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

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

Location of Well: 3827.72' feet South along section line and 5599.13' feet West at right angles to said line from the Station 84 corner of section Aliso Canyon Line

Elevation of ground above sea level 2439.4 feet datum.

All depth measurements taken from top of Kelly bushing which is 10.8 feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
13-3/8"	54.5#	J-55 Smls	Surface	600'-1500'	Note: Cementing depths to depend on lost circulation zones.
7"	23, 26 & 29#	N-80 Smls	Surface	9275'±	
5-1/2"	17#	J-55 Smls	9225'±	9550'±	

Intended zone or zones of completion: Sesnon Zone 9275'± - 9550'±
Note: Well to be drilled under paragraph #3606 of Calif. Laws For Conservation of Petroleum & Gas due to rough topography. Bottom of hole to be approx. 700' from mouth of well.

Note: Please forward copies of all notices to Easton & Sacre, 1660 Oak St., Bakersfield, Calif.

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

Address 2 Pine Street San Francisco 11, California

Telephone Number Exbrook 2-1855 By L.P. Sacre Easton & Sacre, Engineers