

	(1)	(2)	(3)	(4)	()	()
INTENTION	DRILL	REDRL & DEEEN	ALTR CSG	ALTR CSG	ALTR CSG	Rework
NOTICE DATED	3-14-49	1-11-54	6-23-69	8-17-76	2-1-91	5-26-98
P-REPORT NUMBER	1-46482	154-82	161-721		291-79	098-131
CHECKED BY/DATE						RP 3-8-99
MAP LETTER DATED		N/C	N/C		N/C	
SYMBOL	●					
	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED	REC'D NEED
NOTICE	3-15-49	1-19-54	6-24-69		2-4-91	8-10-98
HISTORY	7-14-49	6-7-54	10-5-69	8-17-76	5/14/91	8-10-98
SUMMARY	7-14-49	4-7-54				
IES/ELECTRIC LOG						
DIRECTIONAL SURV						
CORE/GWS DESCRIPT	7-14-49					
OTHER					CASING INSP LOG 3-5-91 4-5-91	CASING INSP LOG 5-26-98
RECORDS COMPLETE	Ⓜ	Ⓜ	Ⓜ		DH	PC

ENGINEERING CHECK

T-REPORTS _____

OPERATOR'S NAME _____

WELL DESIGNATION _____

LOC & ELEV _____

SIGNATURE _____

SURFACE INSPECTION _____

FINAL LETTER OK _____

CLERICAL CHECK

POSTED TO 121 _____ 170 MAILED _____

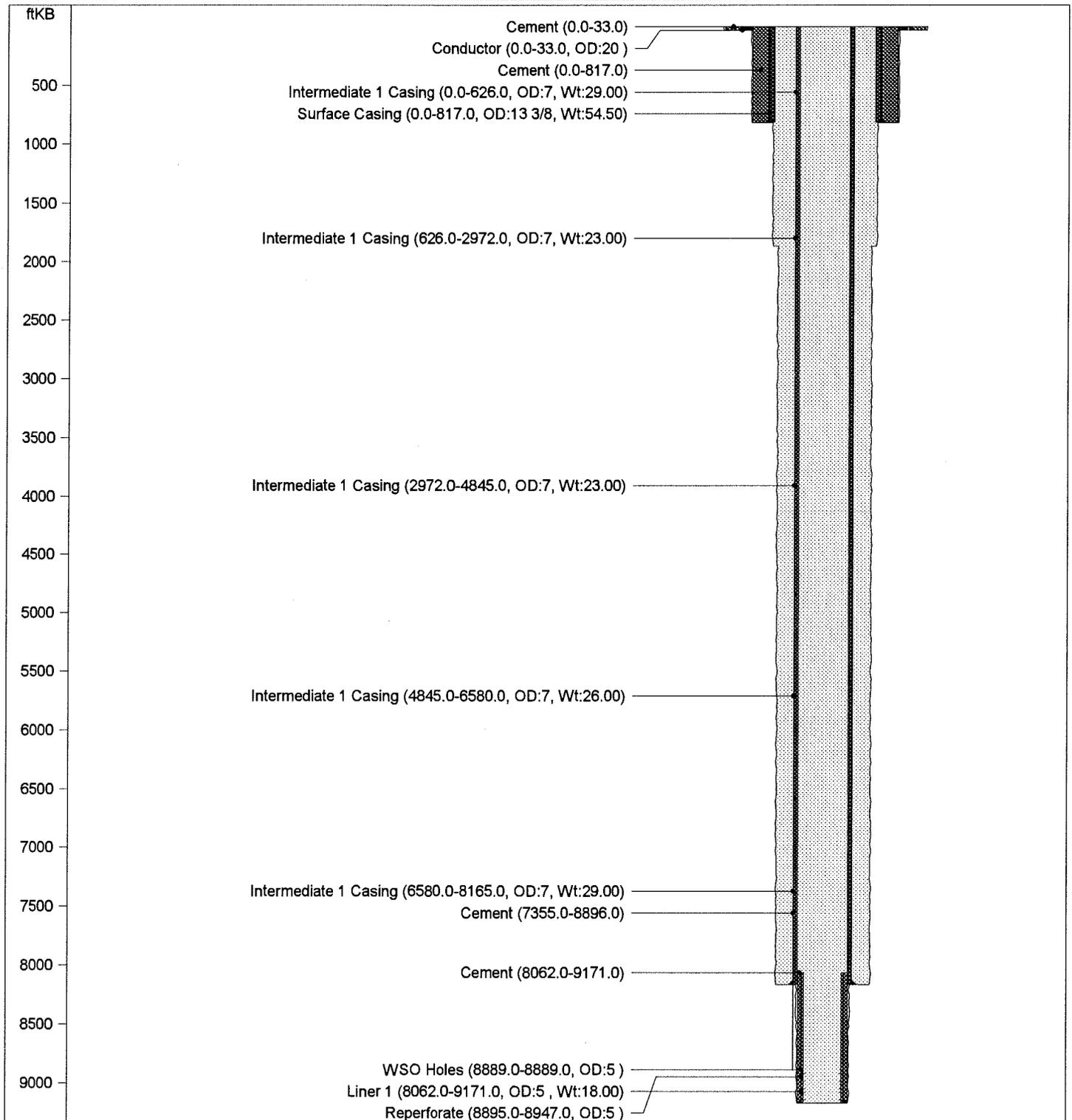
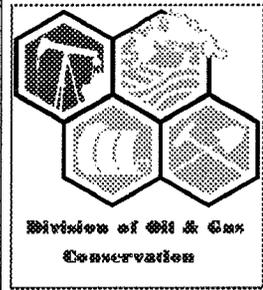
FINAL LETTER MAILED _____

RELEASED BOND _____

REMARKS: NEED NOTICE OF WORK DONE ON HISTORY OF 8-17-76
Don't think a notice is required because the casing was not altered in anyway. TMC 8-17-76

04037007660100

Well Name	STANDARD SESNON 14
Operator	SOUTHERN CA GAS CO
Field Name	ALISO CANYON
TD	9174.0 ftKB
PBTD	9174.0 ftKB
Approval Date	14-Mar-49
Spud Date	23-Mar-49
TD Date	24-May-49
Production Date	27-May-49
Injection Date	
P/A Date	



8/11/98

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

History of Oil or Gas Well

Operator: Southern California Gas Company **Field:** Aliso Canyon

County: Los Angeles

Well: Standard Sesnon 14

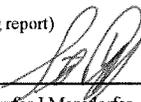
Sec.: 28 **T:** 3 **R:** 16 **S.B.B. & M.**

API No: 037-00766

Name: J Mansdorfer
(Person submitting report)

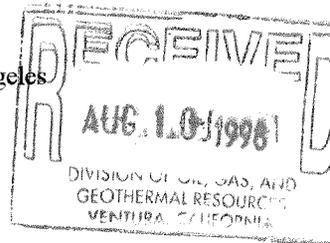
Title: Agent
(President, Secretary or Agent)

Date: July 29, 1998

Signature: 
-for J Mansdorfer

P.O. Box 3249, Los Angeles, California, 90051-1249
(Address)

213-244-5470
(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.

<u>Date</u>	
5/20/98	Remove laterals. Move in rig and equipment. Set up and tie down hoist. Blew down tubing, casing and surface casing. Pumped 160 barrels of treated lease water down casing. Well did not fill. Install back pressure valve and nipple down tree. Install class II BOPE. Set up working floor. Secure well and equipment.
5/21/98	Open well and test BOPE to 2000psi. Unscrew lock downs and unland tubing. Remove tubing hanger and release from packer 8845'. Pull out of hole and lay down Gas lift mandrels and production equipment. Made up 7" all weight scraper and bumper sub. Measure in well. Tight spot at 626'.
5/22/98	Open well no pressure. Continue running in hole with 7" scraper to top of liner at 8062'. Rig up Scanalog well head inspection unit and inspect tubing out of hole. (153 jts yellow and 99 jts blue). Lay down 26 joints of 2-3/8" CS Hydrill (yellow band tubing). Tubing was pulled on odd break. Ran kill string. Secure well and equipment.
5/26/98	Open well no pressure. Pumped 15 barrels. Pull out of hole with kill string. Rig up Halliburton and ran casing inspection log from 8062' to surface. Rig down loggers. Ran kill string to 1500'. Secure well and equipment.
5/27/98	Open well pull out of hole with kill string. Made up Baker 7" bridge plug and ran in to 8000' and set. Secure well and equipment. Change out rig at Dawson request.
5/29/98	Rig up and tie down hoist. Set up working floor. Pull out of hole with tubing. Make up Full bore packer and ran in to 662' and set. Test casing from 662' to 8000' at 1500 psi with gas. (Charted test overnight with no bleed off). Secure well and equipment.
6/1/98	Open well to Gas Co. system. Bled test gas. Release Packer at 662'. Pull out and lay down. Make up retrieving head and ran in to hole and open bypass in Bridge plug at 8000'. Bled Gas to system. Kill well with 40 barrels of treated lease water. Well did not fill. Release bridge plug and pull out of hole to 1000'. Secure well and equipment.
6/2/98	Bled 1150 psi from well. Pull to 734' and set bridge plug. Pull out and pick up test packer. Ran in and set at 665'. Fill casing above packer, would not test. Pull out and lay down packer. Ran in with retrieving tool and tighten bridge plug at 734'. Pull out and reran packer to 665'. Set packer and test to 1000 psi. Pull up to 200' and reset. test casing from 0 to 200' at 1400 psii for 1 hour, OK. Bleed gas to system. Remove test packer. Ran in with retrieving tool and engage bridge plug at 734'. Open unloader. Secure well and equipment.
6/3/98	Bleed down well. Open well. Release bridge plug and pull out. Kill well with 100 barrels of HEC 10 in 2% KCl and 100 barrels of lease water with corrosion inhibitor and biocide. Ran in and set bridge plug at 3100'. Open unloader and vent to baker tank. Secure well and equipment.
6/4/98	Release from bridge plug. Pull out and lay down retrieving tool. Nipple down BOPE. Remove tubing head and seal flange. Pull packing. Make up 3-1/2" drill pipe pup joint and 4-3/4" drill collar with 7" spear. Engage casing and attempt to unland casing with rig to 250,000#. Set up casing jacks. Unland casing at 250,000#. Remove slips. Release casing bowl at 622'. Release spear and lay down spear and collar. Pull and lay down 7"-29# casing. Secure well and equipment.
6/5/98	Continue laying down casing from 622'. Lay down casing bowl. Load out casing equipment. Secure well and equipment.

Date

- 6/8/98 Rig up casing tongs. Measure and pick up 15 joints of 7"-23# Casing. Casing is J-55 with N-80 joint on top. Work over casing stub at 622' with lead seal overshot bowl. Pull to 60,000# to set seal. Land casing in slips with with 45,000#. Rig out tongs. Pressure 7" casing to 1500psi with Gas from system and put on chart recorder. Secure well and equipment.
- Left test pressure on well while rig was down waiting on fabrication of wellhead components. Test was solid for duration of test.
- 6/12/98 Bled test gas to Gas Co. system. Set up saw and cut off 7" casing as required to fit head. Nipple up seal flange, tubing head and BOPE with PGSR. Test tubing head and seal flange to 5000 psi. Rig up working floor and tubing equipment. Ran in hole to 1500' with retrieving tool. Secure well and equipment.
- 6/15/98 Open well, continue running in well to 3000'. Install rubber in PGSR. Pump in well with 30 barrels lease to circulate over bridge plug. Release bridge plug and pull out of hole. Lay down bridge plug and load out tools. Make up seal assembly and 26 joints of 2-3/8" EUE tubing. Test to 5000 psi. Pull out and pick up GLM. Secure well and equipment.
- 6/16/98 Open well. Rig up Ace testers. Tested tubing and production equipment in hole at 5000 psi. Ran in to 8840'. Latched into packer. Release from packer and space out. Test pup joints and hanger. Stab into packer and land with 12,000# compression on packer. Screw in studs. Secure well and equipment. Remove BOPE and install tree. Release rig.

PERMIT TO CONDUCT WELL OPERATIONS

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

Oil & Gas Well

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

Ventura, California
August 12, 1998

Your _____ proposal to rework well "Standard Sesnon" 14,
A.P.I. No. 037-00766, Section 28, T. 3N, R. 16W, S.B. B.&M.,
Aliso Canyon field, _____ area, Sesnon-Frew pool,
Los Angeles County, dated 5/26/98, received 8/10/98, has been examined in
conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

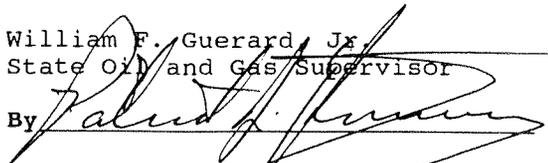
1. Blowout prevention equipment conforming to DOGGR Class II 2M requirements shall be installed and maintained in operating condition at all times.
2. Hole fluid of a quality and in sufficient quantity is used to control all subsurface conditions in order to prevent blowouts.
3. This office shall be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

Blanket Bond
SAF:sf

Engineer Steven A. Fields

Phone (805) 654-4761

William F. Guerard, Jr.
State Oil and Gas Supervisor

By 

Patrick J. Kinnear
Deputy Supervisor

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

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

010
00
30

NOTICE OF INTENTION TO REWORK / REDRILL WELL

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

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

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

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill well Standard Sesnon #14 (Well designation) 037-00766 (Circle one)

Sec. 28 T. 3N R. 16W SBB.&M. Aliso Canyon Field
Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:
13-3/8 54# cemented at 817'
7"- 29, 26, and 23# effective to 8150'.
Casing bowl at 622'. Casing above bowl is 29#, casing below is 7"23#. Identified in casing inspection log.
7" retrievable bridge plug set at 3000". Leak in 7" casing has been isolated. The leak is coming from the bowl at 622'. Casing from 662 to 8000' was tested to 2000psi.

2. The total depth is: 9621' feet. The effective depth is: 9171' feet.

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

4. Present zone pressure: _____ psi. Anticipated/existing new zone pressure: _____ psi.

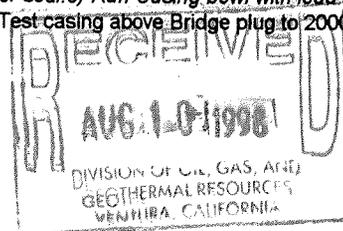
5. Last produced: _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas, Mcf/D)

(or)
Last injected: _____ (Date) _____ (Water, B/D) _____ (Gas, Mcf/D) _____ (Surface pressure, psig)

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

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

- 1) Release casing bowl from 622'. 2) Pull and lay down 7" 29# casing above bowl and lay down bowl with elastomer seal. 3) Run Casing bowl with lead seal
- 4) Engage casing stub at at626" run on 7"-23# J-55 With landing joint N-80. 5) Land casing and install wellhead. 6) Test casing above Bridge plug to 2000psi.
- 6) Reinstall BOPE and remove BP. 7) Run gas lift string. 8) replace tree and laterals and return well to production.



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

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

Name of Operator The Gas Co.	Telephone Number (805) 253-7077	
Address 222455 Placerita Canyon Road, ML9181	City Newhall	Zip Code 91322-1124
Name of Person Filing Notice Steve Cardiff	Signature <i>Michael L. Dagen</i> FOR STEVE CARDIFF	Date 5/26/98

File In Duplicate

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Ventura, California

November 6, 1991

R. D. Phillips, Agent
SOUTHERN CALIFORNIA GAS COMPANY
P.O. Drawer 3249 Mail Location 22GO
Los Angeles, CA 90051-1249

Your request, dated July 24, 1991, proposing to change the designation of well(s) in Sec. 28, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon field, Los Angeles County, District No. 2, has been received.

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

<u>FROM</u>	<u>TO</u>
"SFZU" SS-11 (037-00763)	"Standard Sesnon" 11 (037-00763)
"SFZU" SS-13 (037-00765)	"Standard Sesnon" 13 (037-00765)
✓ "SFZU" SS-14 (037-00766)	"Standard Sesnon" 14 (037-00766)
"SFZU" SS-16 (037-00768)	"Standard Sesnon" 16 (037-00768)
"SFZU" SS-17 (037-00769)	"Standard Sesnon" 17 (037-00769)
"SFZU" SS-25 (037-00776)	"Standard Sesnon" 25 (037-00776)
"SFZU" SS-29 (037-00741)	"Standard Sesnon" 29 (037-00741)
"SFZU" SS-30 (037-00780)	"Standard Sesnon" 30 (037-00780)
"SFZU" SS-31 (037-00781)	"Standard Sesnon" 31 (037-00781)
"SFZU" SS-44 (037-00788)	"Standard Sesnon" 44 (037-00788)
"SFZU" SS-1-0 (037-22058)	"Standard Sesnon" 1-0 (037-22058)

M. G. MEFFERD, State Oil and Gas Supervisor

By

Patrick J. Kinneer
Deputy Supervisor

PATRICK J. KINNEAR

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

DIVISION OF OIL AND GAS
RECEIVED

MAY 16 1991

History of Oil or Gas Well

VENTURA, CALIFORNIA

Operator Southern California Gas Company Field Aliso Canyon County Los Angeles.
Well Standard Sesnon #14 SFZU 55-14, Sec. 28., T. 3N., R. 16W., S.B. & M.
A.P.I. No. 037-00766 Name R. D. Phillips Title Agent
Date March 20, 1991 (Person submitting report) (President, Secretary or Agent)

Signature *J. B. Lane*

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	
2-11 to 2-12	Moved in and rigged up.
2-13	Pumped 60 bbl high viscosity pill. Waited 30 minutes. Pumped a total of 380 bbls polymer with no returns. Pumped 70 bbls. of high viscosity pill. Waited one hour. Attempted to fill well. Pumped a total of 600 bbls in well with no returns.
2-14	Mixed and pumped 250 bbls of fluid down tubing with no returns. Pumped 80 bbls of high viscosity pill. Shot fluid level in annulus, fluid at 6760'. Pumped 180 bbls fluid down annulus. Reshot fluid level, fluid at 1800' in annulus.
2-15	Shot fluid levels. Fluid at 650' in tubing and at 1900' in casing. Installed equalizing back pressure. Removed tree. Installed 7-1/16" BOPE. Tested blind rams, pipe rams and choke manifold to 5000 psi. Removed equalizing back pressure valve. Bruce Hesson with DOG waived witnessing test.
2-16	Rigged up and attempted to release from packer. Worked 110' of tubing out of well. Pulled 92,000 lbs and tubing parted at 280'. Picked up kelly. Made up over-shot for 3-1/2" grapple. Ran in hole but grapple would not catch tubing collar. Pulled out of well. Changed to 2-3/8" grapple. Ran in well and latched on fish.

- 2-18 Circulated and worked pipe to 92,000 lbs. when tubing parted. Pulled out of well. Laid down 223 joints of 2-3/8" 8rd J-55 tubing. Left 30 joints, 2 gas lift mandrels and 2 blast joints in well. Made up overshot, four 4-3/4" drill collars, jars and bumper sub. Started picking up 2-7/8" drill pipe.
- 2-19 Finished picking up 2-7/8" drill pipe. Latched onto fish at 7059'. Worked and turned pipe to release from packer. Released from packer and started out of well.
- 2-20 Finished pulling out of well. Recovered all of fish. Laid down 30 joints of 2-3/8" tubing, 2 blast joints, 2 mandrels and 4 seals. Made up Baker packer retrieving tool. Picked up 31 more joints of 2-7/8" drill pipe and ran in well. Attempted to release Baker packer. Jarred on packer. Packer would not come free. Released from packer.
- 2-21 Pulled out of well. Re-set retrieving tool. Ran in and circulated into packer. Jarred on packer at 40,000 lbs over hook weight. Jarred 2-1/2 hours. Released from packer.
- 2-22 Jarred on packer. Packer came free. Pulled out of well and laid down packer and fishing tools. Made up bit and scraper. Ran in to top of liner at 8062'. Circulated bottoms up.
- 2-25 Pulled out of well. Made up 4-1/8" bit and scraper for 5" casing. Picked up 1150' of 2-3/8" tubing. Ran in well.
- 2-26 Finished running in well. Tagged fill at 9143'. Cleaned out to 9167'. Circulated well clean. Pulled out and made up RTTS packer. Ran in and set packer at 1,008'. Tested casing bowl to 4000 psi for 20 minutes (ok). Pulled out of well. Made up 5" bridge plug 30' below 7" RTTS tool and started running in well.
- 2-27 Ran in and set bridge plug in 5" liner at 8089'. Set RTTS tool at 8038'. Tested 7" casing to 1500 psi for 20 minutes (ok). Tested 5" liner lap to 1500 psi for 20 minutes (ok). Released packer and bridge plug. Pulled out of well. Laid down tools.
- 2-28 Picked up tubing conveyed perforating guns. Ran in and located bottom at 9167'. Picked guns up 8'. Ran GR/CCL correlation log. Correlation to old electric log revealed the bottom cement plug in the well is actually 6 feet high at 9161'. Pulled guns above perforations.
- 3-01 Pulled out of well with guns. Laid down 7' of guns off bottom. Made up guns and began running in well.

- 3-02 Finished running in well with guns. Filled drillpipe with fluid leaving 500 psi underbalance on vent valve. Tagged bottom 9167'. Picked guns up 1'. Ran GR/CCL correlation log. Log showed TCP guns to be on depth with formation. Dropped bar and fired guns, perforating intervals 9158'-9132', 9118'-9020', 9000-8961' and 8947'-8895' with 4HPF. Fluid came to surface in 7 minutes (10 bbls.). Gas flowed to Baker tank at 1450 psi. Shut in well. Released packer, killed well. Pulled to top of liner.
- 3-04 Pulled out of well. Laid down and loaded out guns and tools. Made up 4-1/8" bit and scraper for 5" casing. Ran in to locate fill at 9160'. Cleaned out to 9167'. Circulated well clean. Pulled to top of liner.
- 3-05 Pulled out of well. Rigged up wireline. Ran casing inspection log from 9158' to 8150'. Made up PPI packer to spot solvent in perms. Started running in well.
- 3-06 Finished running in well. Pressure tested and located blank pipe at 9020'. Installed back flow valve at 300'. Ran in to 9165'. Set dual packers with 6' spacing. Pumped 4 bbls of A-Sol P-38 at 3000 psi with only slight bleed-off. Lower perforations would not take solvent. Pulled up and washed perms from 9142'-9132' at 3200 psi. Total A-Sol displaced - 32 bbls.
- 3-07 Washed perms with A-SOL P-38 to 8895'. Pulled up to blank pipe (PPI packer would not pressure test). Total fluid pumped - 132 bbls. Shut in well for 24 hours to let solvent soak.
- 3-08 Pulled injection packers out of well.
- 3-09 Rigged up wireline. Made up Otis 5" "WD" packer, seal bore extension, X-over, 12' of 2-3/8" CS pup joints, Otis 1.791" "XN" nipple, 2-3/8" CS 45 degree guide shoe and ran in well. Set top of packer at 9009'. Loaded out wireline. Made up Otis 5" "BWB" packer with 2-3/8" CS Hydril pup, Otis 2-3/8" SSD, one joint 2-3/8" CS Hydril, Otis 1.791" "X" nipple, approximately 100' of 2-3/8" CS Hydril, Otis locator and six seals and ran in well. Located bottom packer. Set 10,000 lbs weight on packer. With top packer located at 8840', hydraulically set packer with 3000 psi. Started out of well.
- 3-11 Slipped drilling line. Pulled out of well. Laid down Otis packer setting tool. Made up Otis seals and latch. Ran in well and located packer at 8839'. Pulled 20,000 lbs over weight to check latch, set 10,000 lbs weight on packer. Tested casing to 1500 psi for 20 minutes (o.k.). Started laying down drill pipe.

- 3-12 Finished pulling out and laying down 2-7/8" drill pipe. Picked up 2-7/8" 8rd and 2-3/8" CS Hydril tubing. Tested tubing to 4000 psi and ran in well with guide shoe, seal units, 2 joints CS Hydril, X-over 2-3/8" CS x 2-3/8" 8rd, one slimline gas lift mandrel, X-over 2-3/8" 8rd x 2-3/8" CS, 24 joints CS Hydril, X-over 2-3/8" CS x 2-7/8" 8rd, 1 joint 2-7/8", 2.205" "XN" nipple, one joint 2-7/8", one gas lift mandrel, 27 joints 2-7/8" and one gas lift mandrel.
- 3-13 Continued drifting and testing tubing. Ran in well with 41 joints 2-7/8", one gas lift mandrel, 47 joints 2-7/8", one gas lift mandrel, 55 joints 2-7/8", one gas lift mandrel, 82 joints 2-7/8" to packer. Set 15,000 lbs. on packer and pulled 20,000 lbs. over to check latch. Released from packer.
- 3-14 Spaced out 2-7/8" tubing. Latched into packer. Released from packer and pulled up 6'. Changed over to 3% KCL water with inhibitor. Latched into packer and pulled 20,000 lbs. over to check latch. Landed donut with 10,000 lbs. on packer. Installed equalizing back pressure valve in donut. Removed BOPE and nipped up xmas tree. Tested xmas tree to 5000 psi with oil. Removed equalizing back pressure valve. Released rig.

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

No. P291- 79
Field Code 10
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
February 7, 1991

Your proposal to alter casing well "SFZU" SS-14,
A.P.I. No. 037-00766, Section 28, T. 3 N, R. 16W, S.B. B.&M.,
Aliso Canyon field, any area, Sesnon-Frew pool,
Los Angeles County, dated 2/1/91, received 2/4/91, has been
examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

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

Blanket Bond
SF:ljb

Engineer Steve Fields
Phone (805) 654-4761

M.G. MEFFERD, State Oil and Gas Supervisor

By Patrick J. Kinnear
Patrick J. Kinnear
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations. Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.
OG111

FEB 4 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>BB</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 Standard Sesnon #14 (Well designation) ^{4730" SS}, API No. 031-00766

Sec. 28, T. 3N, R. 16W, S. S.B. & M., Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- Total depth 9174'
- Complete casing record, including plugs and perforations (present hole)
 - 13-3/8" Cemented 817'
 - 7" Cemented 8150'; casing bowl at 626'.
 - 5" Top at 8062', bottom 9174'.
Perforated intervals, 9165' - 9132', 9118' - 9020',
9000' - 8961', 8947' - 8895', WSO at 8889'.
- Present producing zone name Sesnon; Zone in which well is to be recompleted _____
- Present zone pressure 2600 psig.; New zone pressure _____
- Last produced Gas Storage Well _____
(Date) (Oil, B/D) (Water, B/D) (Gas, Mcf/D)
- (or)
Last injected _____
(Date) (Water, B/D) (Gas, Mcf/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 and rig up, kill well, install and test BOPE.
- Pull tubing and production packer.
- Reperforate intervals, 8947' - 8895', 9000' - 8961', 9118' - 9020', 9165' - 9132'.
- Stimulate well.
- Install lower and upper packers to isolate Sesnon zones 8 and 4.
- Run production test. 7) 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)
J. B. Lane 2-1-91
(Name - Signature) (Date)
Type of Organization Corporation
(Corporation, Partnership, Individual, etc.)

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

30981-705 2-75 10M (2) OGP
 DIVISION OF OIL AND GAS
 RECEIVED

AUG. 17 1976

History of Oil or Gas Well

SANTA PAULA, CALIFORNIA

OPERATOR SOUTHERN CALIFORNIA GAS COMPANY FIELD Aliso Canyon

Well No. STANDARD-SESNON #14, Sec. 28, T. 3N, R. 16W, S.B. B. & M.

Date August 9, 1976

Signed *P. S. Magruder, Jr.*

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

P. S. MAGRUDER, JR.

(Address) (213) 689-3561

(Telephone Number)

Title Agent

(President, Secretary or Agent)

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

Date

- 4-30-76 Rigged up Fillmores Dewaxing Service. Injected 75 barrels of lease water at 225°F. Initial pressure 1100 psi; final pressure 200 psi. Rigged up Archer-Reed Wireline Service. Latched on to 2 7/8" Otis safety valve at 1010'. Started to work valve which blew down hole and parted line. Ran in with overshot to 4300'. Worked down to 4336'. Came out of hole with tool full of wax.
- 5- 1-76 Using Fillmores Dewaxing Service, injected 50 barrels of lease oil † 225°F. Using Archer-Reed, recovered fish from 4346'. Set stop ring at 8750' (feeler to 8785'). Ran piano wire gun and shot two 1/4" holes at 8550'. Rigged up Halliburton pump truck.
- 5- 2-76 Killed well. Lost approximately 100 barrels of brine-polymer fluid.
- 5- 3-76 Moved in Pool Company Rig #38 and rigged up Rigged up Archer-Reed and set blanking plug at 68' - circulating plug at 67.5'.
- 5- 4-76 Installed 3000 psi 6" Class III B.O.P.E. Rigged up H. & H. and tested B.O.P.E. as follows:

Blind rams	2600	psi	for	20	minutes	-	O.K.
Pipe rams	2725	"	"	20	"	-	O.K.
Hydril bag	2600	"	"	20	"	-	O.K.

 Rigged up Newsco and tested B.O.P.E. with nitrogen, as follows

Blind rams	2500	psi	for	20	minutes	-	O.K.
Pipe rams	2500	"	"	20	"	-	O.K.
Hydril bag	2350	"	"	20	"	-	O.K.

 Rigged up Archer-Reed and pulled plugs from 68'. Unlanded tubing. Pulled packer (5" KV-30) loose from 8861' with 75,000# pull. Pulled and laid down packer and gas lift valves. Ran in 7" Shorty casing scraper to 1260'.
- 5- 5-76 Ran into 8058' and circulated hole then pulled out. Ran in with 4 1/8" bit and 5" Shorty casing scraper on 1148', 2 3/8", 4.7#, J-55, EUE tubing to 9166' and circulated hole. Pulled up to 4150'.

- 5- 6-76 Pulled out of hole. Rigged up Schlumberger and ran Cement Bond Log, Neutron Log and Thermal Neutron Decay Time Log. Rigged down Schlumberger. Ran Johnston 5" "bobcat" bridge plug to 1400'.
- 5- 7-76 Set Johnston 5" "bobcat" retrievable bridge plug at 8880'. Tested plug with 1500 psi for 5 minutes - O.K. Ran in with 7" "bobcat" retrievable bridge plug to 148'. Hit restriction and pulled out. Ran in with 7" casing scraper to 180', worked scraper from 120' to 180' . . . no difficulty. Re-ran 7" "bobcat" and hit restriction at 148'. Set 7" "bobcat" at 110'. Tested "bobcat" at 1500 psi for 5 minutes - O.K. Removed B.O.P.E. and tubing head. Using Alco hydraulic jacks, unlanded 7" casing with 80,000#. Pressure on 7" x 13 3/8" annulus 50 psi. Bled off pressure and filled annulus with water - gas came through. Tried to fill annulus with clay-base mud - seals on 7" did not hold.
- 5- 8-76 Removed packing and 7" x 13 3/8" slips. Loaded out Alco jacks. Filled 7" x 13 3/8" annulus with clay-base mud - no gas. Cut off 13 3/8" casing head. Using Associated Services, trimmed and threaded 7" casing stub. Rigged up R. & R. power tongs and added 7", 29#, pup joint with short coupling, used 7000 foot pounds of torque. Loaded out R. & R. Rigged up H. & H. pump and hydrostatically tested pup joint and coupling against 7" "bobcat" bridge plug at 110' to 4000 psi for 20 minutes - O.K. Loaded out H. & H. Welded Gulfco 13 3/8" x 7", 3000 psi, casing head to 13 3/8", 54#, casing pup joint. Cooled for three hours in asbestos blanket. Tested weld at 1650 psi for 20 minutes - O.K. Welded pup joint and casing head to 13 3/8" casing stub in cellar. Weld cracked. Retrimmed both pins and re-welded. Wrapped weld in asbestos blanket.
- 5- 9-76 Idle.
- 5-10-76 Landed 7" casing in slips with 140,000# weight. Installed Gulfco 5000 psi tubing head with seal flange with two seals - tested in four places with 5000 psi - O.K. Installed B.O.P.E. Tested with clear water, as follows:
Blind rams 2500 psi for 23 minutes
Pipe rams 3100-2700 psi for 23 minutes
Hydril bag 3000-2700 psi for 20 minutes
Suspect leak in doughnut. No visible leaks on surface.
Retested with nitrogen, as follows:
Blind rams 2900 psi for 20 minutes)
Pipe rams 2950 " " 20 minutes) O.K.
Hydril bag 3000 " " 20 minutes)
Released Johnston "bobcat" bridge plug at 110'. Started out of hole. Stuck in new section 7", 29#.
- 5-11-76 Pushed bridge plug out of 29#, 7", reset at 110'. Removed B.O.P.E. and tubing head. Filled 13 3/8" x 7" annulus with fresh water. Cut out old packing and installed new packing. Pumped 90 barrels of clay-base mud down annulus. Maximum pressure 350 psi.

5-12-76

Filled 13 3/8" x 7" annulus with fresh water. Using casing jacks, unlanded 7" casing. Removed slips, lowered casing and cut 13 3/8". Removed 7", 29#, extension. Pulled Johnston 23# bridge plug. Installed new 29# extension. Set 29# bridge plug at 75'. Tested extension and casing from 75' to surface under 3700 psi for 20 minutes - O.K. Re-installed casing head by butt welding to 13 3/8" surface pipe. Cooled and X-rayed - O.K.

5-13-76

Landed 7" casing in slips with 140,000# weight. Installed packing and cut 7" off to proper length. Reinstalled Gulfco 5000 psi tubing head. Tested packing and seals under 4000 psi - four tests at 20 minutes each - O.K. Installed B.O.P.E. and tested with water, as follows:

Blind rams 3000 psi for 20 minutes - O.K.

Pipe rams 3500 psi " 20 " - O.K.

Unable to test Hydril bag with water

Tested with nitrogen, as follows:

Blind rams 3100 psi for 20 minutes - O.K.

Pipe rams 3100 psi " 20 " - O.K.

Hydril bag 2800 psi " 20 " - O.K.

Put on 7", 29#, positive scraper and bit. Ran in to 200' with no restrictions. Pulled out and ran in to 8000' with one 7", 29#, Baker fullbore cementer.

5-14-76

Finished running in hole with fullbore. Set tool at 8000'. Tested from 8000' to 8800' under 1500 psi for 20 minutes - O.K. Tested from surface to 8000' under 2500 psi for 20 minutes - O.K. Re-set tool at 1000'. Tested surface to 1000' under 3000 psi for 20 minutes - O.K. Re-set tool at 250' and attempted to test from surface to 250' under 3500 psi. Tested from surface to 153' under 3500 psi for 22 minutes - O.K. Unable to test at 156'. Pulled out of hole with fullbore. Ran in with Johnston bridge plug - set at 500'. Shut job down.

5-15-76)

5-16-76)

Rig and crew idle.

5-17-76

Filled 7" x 13 3/8" annulus with drilling fluid. Re-set 7" Johnston "bobcat" bridge plug at 675'. Ran in with 7" Bowen casing cutter on collar locator and cut casing at 625'. Pulled and laid down tools. Pulled rotary table, B.O.P.E., tubing head and seal flange. Set Bowen spear in 7", 29#, casing and pulled 40,000# - trying to unland 7" casing - did not unland.

5-18-76

Rigged up Alco Engineering jacks. Using 7" spear, unlanded 7" casing. Rigged up R. & R. power tongs, pulled and laid down 7" casing. Ran in with Midway Fishing Tool 7" overshot dressing tool and dressed stub at 626'.

5-18-76
(cont'd)

Ran 7" Bowen casing bowl (rubber packer, tensile strength 423,000#, burst rating 3052 psi) on 15 joints of 7", 29#, N-80, LT&C casing and latched on to stub at 626'. Pulled casing to 240,000# and landed. Made up 7" test plug on casing. Using H. & H., hydrostatically tested casing (plug to 7" "bobcat" bridge plug at 672') to 3500 psi for 20 minutes - O.K. Using Associated Services, cut off 7" casing and installed Gulfco seal flange and tubing head. Tested at 5000 psi - no good. Removed seal flange and tubing head. Adjusted seals. Installed Gulfco seal flange and tubing head. Tested to 5000 psi for 20 minutes - O.K. (Tested in four places).

5-19-76

Installed 6", 3000 psi Class III B.O.P.E. Using H. & H. pump truck, hydrostatically tested blind rams to 3100 psi for 20 minutes - O.K. Ran in with retrieving setting tool (Johnston) and released Johnston 7" "bobcat" bridge plug at 675'. Then ran in to 3510' and reset bridge plug Using H. & H. pump truck, tested as follows:

 Pipe rams 3100 psi for 20 minutes - O.K.

 Hydril bag 3000 psi " 20 " - O.K.

Rigged up Nowsco, tested as follows:

 Pipe rams 2900 psi for 20 minutes - O.K.

 Hydril bag 2900 psi " 15 " - O.K.

Released bridge plug at 3510' and reset at 75', then pulled out of hole. Tested blind rams at 3100 psi - no good. Hammered up B.O.P.E. Tested blind rams at 3000 psi - O.K. Retrieved plug at 75'. Ran in hole with Johnston 5" "bobcat", retrieving tool to 3500'.

5-20-76

Latched on to 5" johnston bridge plug at 8880' and released plug. Circulated hole. Pulled out of hole. Rigged up Dresser Atlas Wireline Service. Ran and set 7" Baker Retrieva "D" packer at 8041'. Rigged down Dresser Atlas. Laid down 2 3/8" tubing, Kelly and swivel. Rigged up H. & H. power tongs and Hydrotest. Ran plugged Baker seal assembly, 2 7/8" blast joint, Camco 2 7/8" "D" nipple, 2 7/8" x 20' blast joint, 2 7/8" Camco KP-5 mandrel and tested to 5000 psi - bled off.

5-21-76

Tested bottom assembly at 5000 psi for 2 minutes - O.K. Pulled and removed bottom plug. Installed production tube. Ran 2 7/8" tubing in hole. Changed couplings, using Baker seal lubricant on pins only - made up coupling to 2300#/ft. and hydrotested to 5000 psi for one minute.

5-22-76

Lost slip off hydrotest tool in tubing. Pulled tubing and found slip in Camco "D" nipple. Changed out 10' blast joint (galled). Ran plugged Baker seal assembly, 10' x 2 7/8" blast joint, Camco 2 7/8" "D" nipple, 20' x 2 7/8" blast joint, 2 7/8" Camco KP-5 mandrel and tested up to 5000 psi for one minute, applying Baker seal thread lubricant to pins only. Ran 3 stands, changing collars and Baker seal application and hydrotested as above.

- 5-23-76 Idle.
- 5-24-76 Continued running tubing, changing collars, applying Baker seal and hydrotesting to 5000 psi. Using Baker, spaced out tubing, tested latch with 18,000# tension and landed tubing with 10,000# compression.
- 5-25-76 Changed over circulating system to lease waste salt water. Rigged up Camco wireline. Ran and set SV plug in "D" nipple at 8033'. Using H. & H., tested seal assembly and packer at 2500 psi for 20 minutes - O.K. Pulled SV plug. Ran and set Z-5 stop ring at 140'. Tried to set plug at 110' twice, but did not hold. Changed plugs and tried to set at 26', still did not hold. Rigged down Camco.
- 5-26-76 Rigged up Archer-Reed Wireline Service. Ran Otis "D" collar stop and plug and set at 72'. Ran Camco "A" plug with Otis "G" stop and set at 71' - plug would not hydrotest - pulled plug. Re-ran Camco "A" plug with Otis "G" stop after changing cup. Hydrotested at 2000 psi for 20 minutes - O.K. Pulled rotary table and B.O.P.E. Installed Gulfco Christmas tree. Tested tubing hanger extended neck seal, API ring and tubing hanger seal at 5000 psi for 20 minutes - O.K. Shut rig down at 12:00 noon.
- 5-27-76 Installed tubing hanger plug (tubing plug is right-hand thread). Tested wing valves, extended neck seal and unbolt to 5000 psi for 20 minutes - O.K. Removed tubing hanger plug. Rigged up Archer-Reed and pulled surface plugs. (Still have Z-5 stop ring in tubing). Rigged down. Moved to Standard-Sesnon #13.
- 5-28-76 Rigged up Archer-Reed and pulled Z-5 stop ring.

DOG

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR GETTY OIL COMPANY FIELD ALISO CANYON

Well No. "SFZU SS-14", Sec. 28, T. 3N, R. 16W, S. B. B. & M.

Date December 4, 1969 Signed Carl G. Wilson

P. O. Box 811, Ventura, Calif. 643-2154 Title Agent

(Address) (Telephone Number) (President, Secretary or Agent)

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

HISTORY

6/16/69 Killed well with 320 barrels salt water. Prep. to throw the derrick.

6/17 Threw the derrick.

6/18 California Production Service moved in and rigged up. Circulated well free of gas. Removed tree. Installed B.O.P. Measured out with tubing. Ran 6" bit and 7" scraper to T.L.H. Landed in tubing head. Shut down for the night. (Suspected leak in packing between 7" and 13 3/8" surface string.)

6/19 Circulated bottoms up. Mixed corrosion inhibitor and circulated around. Tagged top of liner hanger at 8062'. Pulled out. Removed B.O.P. and tubing head. Found hole in casing bowl and split in top of 7" casing. Repacked the casing bowl. Hydrotested in hole with 4500 lbs./inch. Total overall tubing in hole 9000' with Guiberson packer at 7998' and MM mandrel with dummy valve one joint above packer. Circulating bottoms up.

6/20 Circulated bottoms up. Pulled tubing. Ran and set Halliburton bridge plug at 7971'. Pulled up to 7260'. Installed KV-30 packer in string. Ran back down to 7400' (KV-30 at 240'). Set packer and tested bridge plug to 600 psi, held O.K. Pulled packer, tubing, and retrieving tool. Shut the well in.

6/23 Ran Dialog casing log. Logged 7" casing from 810' to surface. Cut 7" casing at 105' and recovered. Cut off 13 3/8" casing landing bowl. Welded on new Shaffer 13 3/8" casing landing bowl. Ran 7" casing with Bowen packer type casing patch. Latched on and set with 40,000 lbs. tension. Set slips, cut off and packed 7". Installed tubing head and B.O.P. Tested casing patch to 1000 psi. Held O.K. Ran tubing with Howco retrieving tool. Unset bridge plug. Circulated corrosion inhibited salt water. Pulled out. Ran and set packer at 7978'. Swabbed well to 5000'. Shut down for the night.

6/24 Swabbed well in. Well flowing, 8/64" surface choke, 750 psi tubing pressure.

6/25 Rigged down and moved out.

6/27 Flowed 24 BFPD; 20 BOPD

7/3 Flowed 76 BFPD; 13%; 66 BOPD; 555 MCF.

7/7 Flowed 70 BFPD; 11%; 62 BOPD; 744 MCF.

7/30 Flowed 24 BFPD; 8%; 22 BOPD; 1329 MCF.

8/2 Flowed 28 BFPD; 7%; 26 BOPD; 708 MCF.

FINAL REPORT

DIVISION OF OIL AND GAS
RECEIVED

DEC 5 1969

INGLEWOOD, CALIFORNIA

Casing Record

20" c 33'
13 3/8" 54.5# c 817'
7" 29, 26, 23# effec. to 8150'
(Window 8165'-8195')
Casing Bowl at 105'
1109' -5" 18# c 9171'
(Cmt. in liner at 9167')
WSO splice* and 4 h's 8889'*
Seg. 4 h's 9010'
G.P. 4 h/ft 8895-8947'; 8961-9000'; 9020-9118'; 9132-9165'
T.L.H. 8062'

*Witnessed and approved by D.O.G.

Junk Record

1. 716' - 7" ST'd (Rd. 1) 8150-8165'; Window 8165-8195'
ST'd (Rd. 1) 8195-8896'
2. 153' - 5" ST'd. (Rd. 1) 8863-9016'

DIVISION OF OIL AND GAS
RECEIVED

DEC 5 1969

INGLEWOOD, CALIFORNIA

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

REPORT ON PROPOSED OPERATIONS No. P. 169-721

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

Inglewood, Calif.
June 25, 1969

DEAR SIR:

(037-00766)

Your proposal to alter casing Well No. "SEZU" 14, Section 28, T.3 N., R. 16 W., S.B. B. & M., Aliso Canyon Field, Los Angeles County, dated 6/23/69, received 6/24/69, has been examined in conjunction with records filed in this office.

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE.
7" cem. 8896', plugged w/cem. 9174'-9158'. TD 1st hole 9021'.

With reference to your notice our decision is as follows:

DECISION
THE PROPOSAL IS APPROVED.

RC:nw

cc C. G. Nelson

Blanket Bond

F. E. KASLINE, State Oil and Gas Supervisor

By *John F. Matthews*, 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

RECEIVED BY STATE ARCHIVES
JUN 24 1969
INGLEWOOD, CALIFORNIA

Ventura Calif. June 23, 1969

DIVISION OF OIL AND GAS

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling, plugging or~~ altering casing at Well No. SFZU SS-14
(Cross out unnecessary words)

Sec. 28, T. 3N, R. 16W, S.B. B. & M.
Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- 1. Total depth. T.D. 9174'; Pg. 9167'
- 2. Complete casing record, including plugs:
 - 20" c 33'
 - 13 3/8" 54.5# c 817'
 - 7" 29, 26 & 23# effec. to 8150' (Window 8165-8195')
 - 1109'-5" 18# (effec. to 9167') c 9171'; WSO splice*
 - Seg. 4 h's 9010'
 - G.P. 4 h/ft 8895-9165' at intervals
 - T.L.H. 8062'

*Witnessed and approved by D.O.G.

after casing

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
			B	ARG	ARG

3. Last produced. _____ (Date) _____ (Oil, B/D) _____ (Water, B/D) _____ (Gas Mcf/D)

The proposed work is as follows: REPAIR CASING

(NOTE: Well dead; killed with salt water.)

- 1. Set retrievable bridge plug at 8000'.
- 2. Run casing Caliper log 800' to surface.
- 3. Cut 7" casing (depth determined from casing Caliper log.)
- 4. Install new 13 3/8" casing head.
- 5. Run 7" casing bowl to top of stub (No. 3 above)
- 6. Land in new head.
- 7. Retrieve bridge plug.

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

643-2154

(Telephone No.)

GETTY OIL COMPANY, *Operator*
(Name of Operator)

By *C. G. Nelson*

C.G. Nelson, Agent

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 23, 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. 28, 29, 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:

See attached list.

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

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

By Wm. C. Bailey
Deputy Supervisor

Proposed Changes in Designation

Sec. 28:

<u>Old Designation</u>		<u>New Designation</u>
"Standard-Seson 1"	1	"SFZU" SS-1 (037-00754)
"	2	" SS-2 (037-00755)
"	3	" SS-3 (037-00756)
"	5	" SS-5 (037-00758)
"	6	" SS-6 (037-00759)
"	7	" SS-7 (037-00760)
"	8	" SS-8 (037-00761)
"	9	" SS-9 (037-00762)
"	11	" SS-11 (037-00763)
"	13	" SS-13 (037-00765)
"	14	" SS-14 (037-00766)
"	16	" SS-16 (037-00768)
"	17	" SS-17 (037-00769)
"	24	" SS-24 (037-00770)
"	25	" SS-25 (037-00776)
"	29	" SS-29 (037-00041)
"	30	" SS-30 (037-00780)
"	31	" SS-31 (037-00781)
"	44	" SS-44 (037-00788)

Sec. 29:

<u>Old Designation</u>		<u>New Designation</u>
"Standard-Seson 1"	4	"SFZU" SS-4 (037-00757)
"	10	" SS-10 (037-00040)
"	12	" SS-12 (037-00764)

DIVISION OF OIL AND GAS

REPORT OF CORRECTION OR CANCELLATION

Inglewood California

Mr. James M Cadden
P O Box 811
Ventura California
Agent for TIDEWATER OIL CO., OPERATOR

June 27 1962

Dear Sir

In accordance with your letter dated June 20, 1962,

the following change pertaining to your well No. "Standard-Sesnon 1" 14,
Sec. 28, T. 3 N., R. 16 W., S B B. & M., Aliso Canyon field,
Los Angeles County, District No. 1, is being made in our records:

The corrected location is

The corrected elevation is

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

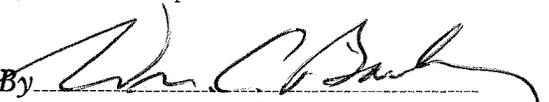
CORRECTIONS MADE AS FOLLOWS:		BY W. H. C.
FORM 114		
FORM 115		
FORM 116		
FORM 117		
CASING		
PRODUCTION		
WELL RECORDS	RECORDS	20
FIELD MAPS	NO CHANGE	66
MAP BOOK		

Your notice to alter casing dated July 11, 1961,
(Drill, abandon, etc.)
and our report No. P-161-696, issued in answer thereto, are hereby cancelled
inasmuch as the work will not be done. If you have a drilling bond on file covering this
notice it will be returned. No request for such return is necessary.

Other:

jlz:es
cc Mr E R Murray-Aaron
Mr J M Cadden
Production Dept - Tidewater
Oil Co

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By 
Deputy Supervisor

D.O.G. Inglewood
DIVISION OF OIL AND GAS

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

JUN 22 1962

INGLEWOOD, CALIFORNIA

Supplementary Notice

Ventura, Calif. June 20, 19 62

DIVISION OF OIL AND GAS

Inglewood, Calif.

A notice to you dated July 11, 19 61, stating the intention to

Alter Casing well No. Standard Sesnon 1-#14
(Drill, deepen, redrill, abandon)

Sec. 28, T. 3N, R. 16W, S.B. B & M Aliso Canyon Field,

Los Angeles County, should be amended because of changed conditions.

The present condition of the well is as follows:

Total depth 9174'; Pg. 9167'

Complete casing record including plugs.

7" 23, 26 & 29# effec. to 8165'; Section 8165-8195'
1109' -5" 18# c 9171' - T.L.H. 8062'
WSO 8889'; 9010'
J.P. 4 h/ft 8895-8947'; 8961-9000'; 9020-9118'; 9132-9165'

We now propose to cancel program; Work will not be performed at this time.

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

MI 3-2154
(Telephone No.)

TIDEWATER OIL COMPANY
(Name of Operator)

By *J.M. Cadden*
J.M. Cadden, Agent

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P. 161-696

Mr. Mike Bealesio
P. O. Box 811
Ventura, California
Agent for TIDEWATER OIL COMPANY, OPERATORInglewood Calif.
July 13, 1961**CANCELLED**

DEAR SIR:

Your proposal to alter casing Well No. "Standard-Sesnon 1", 14
Section 28, T. 3 N., R. 16 W., S.B.B. & M., Aliso Canyon Field, Los Angeles County,
dated July 11, 1961, received July 12, 1961, has been examined in conjunction with records filed in this office.

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

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE:
13-3/8" cem. 817'; 7" cem. 8896', milled out 8165'-8195'.

THE NOTICE STATES

"The present condition of the well is as follows:

1. Total depth. 9174'; Pg. 9167'
2. Complete casing record.
7" 23, 26 & 29# effec. to 8165'; Section 8165-8195'
1109' -5" 18# c 9171' - T.L.H. 8062'
WSO 8889'; 9010'
J.P. 4 h/ft 8895-8947'; 8961-9000'; 9020-9118'; 9132-9165'
3. Last produced. 5-29-61 54 BOPD; 39% cut
(Date) (Net Oil) (Gravity) (Cut)

PROPOSAL

"The proposed work is as follows: TEST S-1 TO S-4 IN UPPER SESNON

1. Establish W.S.O. at 8828'
2. Scab cement Lower Sesnon Zone (9080-9100')
3. Wash perforated intervals from 8895-9165'
4. J.P. 2 h/ft 8844-8870' at selected intervals
5. Return to production on test of new interval
6. Remove tubing plug and produce lower interval to test effectiveness of scab job. "

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED to witness the test of water shut-off at 8828'.

DER:omh

cc Mike Bealesio
Prod. Dept.

E. H. MUSSER, State Oil and Gas Supervisor

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED

JUL 12 1961

Inglewood

DIVISION OF OIL AND GAS

INGLEWOOD, CALIFORNIA

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

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

Ventura, Calif. July 11, 19 61

DIVISION OF OIL AND GAS

INGLEWOOD Calif.

CANCELLED

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. Standard-Sesnon #1-14

(Cross out unnecessary words)

, Sec. 28, 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. 9174'; Pg. 9167'

2. Complete casing record.

7" 23, 26 & 29# effec. to 8165'; Section 8165-8195'
1109' -5" 18# c 9171' - T.L.H. 8062'
WSO 8889'; 9010'
J.P. 4 h/ft 8895-8947'; 8961-9000'; 9020-9118'; 9132-9165'

3. Last produced. 5-29-61 54 BOPD; 39% cut
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows: TEST S-1 TO S-4 IN UPPER SESNON

1. Establish W.S.O. at 8828'
2. Scab cement Lower Sesnon Zone (9080-9100')
3. Wash perforated intervals from 8895-9165'
4. J.P. 2 h/ft 8844-8870' at selected intervals
5. Return to production on test of new interval
6. Remove tubing plug and produce lower interval to test effectiveness of scab job.

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121

TIDEWATER OIL COMPANY
(Name of Operator)

By *M. Beallessio*
M. Beallessio, Agent

DIVISION OF OIL AND GAS

APR 7 1954

History of Oil or Gas Well

LOS ANGELES, CALIFORNIA

OPERATOR TIDE WATER ASSOCIATED OIL COMPANY FIELD ALISO CANYON FIELD

Well No. Standard-Sesnon 1-714, Sec. 28, T. 3 N, R. 16 W, S.B. B. & M.

Signed J.E. Neary

Date March 31, 1954 Title Agent
(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

- 1953
- 12/3-12/7 Moved in and rigged up rotary.
 - 12/8 Killed well with salt water with Halliburton pump truck.
 - 12/9 Mixed mud and installed cellar connections.
 - 12/10 Cleaned out to bottom of liner at 9016'. Conditioned mud and pulled tubing.
 - 12/11 Ran 2-7/8" tubing to 9008; including 155' 2-3/8" tubing on bottom. Pumped in 80 sacks Colton Hi-temperature cement. Final pressure 1200#. Pulled up 10 stands and applied 2500# pressure. Put away 22 cu. ft. Time 7:00 PM. B.J. Service. Found top of cement at 8650'.
 - 12/12 Pulled tubing. Finished rigging up and making up 2-7/8" drill pipe.
 - 12/13 Finished making up 2-7/8" drill pipe and started milling window in 7" casing at 8165'.
 - 12/14 Milling out window at 8171'. Mud weight 7 1/2#, 80 viscosity.
 - 12/15 Milling out window at 8172'. Mud weight 7 1/2#, 80 viscosity.
 - 12/16 Milling out window at 8173'. Mud weight 7 1/2#, 60 viscosity, 9.1 c.c. water loss.
 - 12/17 Milling out window at 8175'. Mud weight 7 1/2#, 60 viscosity, 9.6 c.c. water loss.
 - 12/18 Milling out window at 8178'. Mud weight 7 1/2#, 60 viscosity, 8.8 c.c. water loss.
 - 12/19 Milling out window at 8183'. Mud weight 7 1/2#, 60 viscosity, 8.1 c.c. water loss.
 - 12/20 Milling out window at 8186'. Mud weight 7 1/2#, 60 viscosity, 7.2 c.c. water loss.
 - 12/21 Milling out window at 8190'. Mud weight 7 1/2#, 60 viscosity, 7.0 c.c. water loss.
 - 12/22 Milling out window at 8195'. Mud weight 7 1/2#, 60 viscosity, 6.1 c.c. water loss.
 - 12/23 Circulated and conditioned mud at 8220'. Running in with 11" wall scraper. Mud weight 7 1/2#, 65 viscosity, 7.1 c.c. water loss.
 - 12/24 Opened up 6" hole to 11" with Baker wall scraper from 8165' to 8195'. Oriented in Baash Ross whipstock and cemented North 55° East with 50 sacks Hi-temperature cement. Time 8:15 PM. B.J. Service. Found top of cement at 8000'.
 - 12/25 Standing cemented. Circulated and cleaned out to 8150'.
 - 12/26 Redrilled 6-1/8" hole from 8193' to 8231'. Mud weight 7 1/2#, 55 viscosity, 7.2 c.c. water loss.
 - 12/27 Redrilled 6-1/8" hole from 8231' to 8353'. Ran Eastman Multi-shot survey. Mud weight 7 1/2#, 65 viscosity, 7.0 c.c. water loss.
 - 12/28 Redrilled 6-1/8" hole from 8353' to 8400'. Ran Schlumberger oriented survey. Found hole deviated 3 degrees 45 minutes South 79 degrees West at 8400'.
 - 12/29 Redrilled 6-1/8" hole from 8400' to 8445'. Oriented in whipstock. Could not shear pin. Oriented in 2nd whipstock. Could not run to bottom. Reaming.
 - 12/30 Reamed and drilled 6-1/8" hole from 8445' to 8464'. Oriented in Eastman whipstock and drilled 9' off whipstock to 8473' with 1-1/4" bit. Could not release from whipstock nor pull whipstock.

APR 7 1954

Page 2
LOS ANGELES, CALIFORNIA

OPERATOR: TIDE WATER ASSOCIATED OIL COMPANY

WELL NO.: Standard-Sesnon 1-#11

1953

12/31 Spotted 40 barrels oil on bottom, attempting to work loose stuck whipstock and drill pipe. Ran Zublin bit to open hole to 6" from 8464' to 8473'. Lost head off bit. Mud weight 72#, 60 viscosity, 10 c.c. water loss.

1954

1/1 Milling on Zublin bit at 8474'. Mud weight 72#, 60 viscosity, 8.2 c.c. water loss.

1/2 Milling on Zublin bit at 8474'. Preparing to run jet shot to break up bit head. Mud weight 72#, 60 viscosity, 5.8 c.c. water loss.

1/3 Ran McCullough load shot and shot junk. Ran Globe junk basket. Reshot with McCullough load shot. Milled on junk.

1/4 Ran diamond bit followed by Bowen magnet and recovered several large pieces of Zublin bit head. Milling at 8476'.

1/5 Milling at 8477'. Reran diamond point bit followed by Bowen magnet and recovered one large piece of Zublin bit head. Mud weight 73#, 55 viscosity, 6.6 c.c. water loss.

1/6 Reran Bowen magnet and recovered remainder of Zublin bit head. Drilled 6" hole from 8477' to 8480'. Mud weight 74#, 60 viscosity, 6.3 c.c. water loss.

1/7 Redrilled 6" hole from 8480' to 8511'. Mud weight 73#, 68 viscosity, 6.6 c.c. water loss.

1/8 Redrilled 6" hole from 8511' to 8570'. Mud weight 73#, 60 viscosity, 5.6 c.c. water loss.

1/9 Redrilled 6" hole from 8570' to 8656'. Mud weight 73#, 60 viscosity, 5.8 c.c. water loss.

1/10 Redrilled 6" hole from 8656' to 8724'. Set whipstock at 8724' and drilled 4-3/8" hole to 8735'.

1/11 Opened 4-3/8" hole to 6" from 8724' to 8735', then drilled ahead with 6" bit to 8766'. Mud weight 73#, 50 viscosity, 6.0 c.c. water loss.

1/12 Redrilled 6" hole from 8766' to 8909'. Charged to Pay Zone oil base completion fluid at 8798'. Mud weight 61#, 110 viscosity, no water loss.

1/13 Redrilled 6" hole from 8909' to 9021'. Drilled ahead to 9063'. Mud weight 63#, 120 viscosity, no water loss.

1/14 Drilled 6" hole from 9063' to 9174'. Hit hard streak at 9174'. Mud weight 63#, 130 viscosity, no water loss.

1/15 Ran Lane-Wells scratchers and Neutron and reamed 6" hole from 8220' to 9174'.

1/16 Reamed 6" hole from 8180' to 9174' with double reamer. Ran 1109' 5" 18# inserted blank liner and landed at 9171'. Top of liner hanger 8062'.

1/17 Cemented 5" blank liner in place through 2-7/8" drill pipe with 30' 2-7/8" tubing stinger on bottom equipped with three inverted Guiberson swab cups. Mixed 125 sacks Colton Hi-temperature cement, all premixed with 1:1 Strata-Crete and 4% Gel. Final pressure 1900#. Time 4:20 AM. B.J. Service. Ran 6" bit and scraper and cleaned out to top of liner. Found no hard cement above liner. Ran 4" bit and scraper and found top of hard cement inside 5" liner at 8970'.

1/18 Cleaned out hard cement inside 5" liner from 8970' to 9160'. Ran Lane-Wells Neutron log and collar locator.

1/19 Ran Johnston hydraulic tester on 2-7/8" drill pipe and set packer at 8045' with bottom of tailpipe to 8060'. Used 1000' water cushion. Opened 3/8" bean at 1:00 PM. Had medium, steady blow of air for 20 minutes, then light, steady blow for balance of 1 hour test. Recovered net rise of 3500' of fluid. Top 1000', watery drilling mud and remainder, muddy water. Maximum salinity 412 g/g. Charts confirmed details of test. Final pressure 2000#. Ran Baker Model "K" retainer. Unable to seat ball.

OPERATOR: TIDE WATER ASSOCIATED OIL COMPANY

WELL NO.: Standard-Sesnon 1-#14

Page 3

1954

- 1/20 Ran Baker Model "K" retainer on 2-7/8" drill pipe and set at 7910'. Would not hold pressure. Ran Baker Model "K" retainer on 2-7/8" drill pipe and set at 7875'. Formation took fluid at rate of 3 cu. ft. per minute at 3800#. Pumped in 40 sacks Colton Hi-temperature cement and displaced all below retainer. Final pressure 5000#. Time 4:45 PM. Estimated 10 sacks left in 7" casing.
- 1/21 Drilled out Model "K" retainers at 7875' and 7895'. Found top of cement at 7936' and cleaned out to top of liner at 8059'. Mud weight 63#, 120 viscosity, 0.0 c.c. water loss.
- 1/22 Scraped 5" liner from 7800' to 8059'. Ran Johnston hydraulic casing tester on 2-7/8" drill pipe and set packer at 8045' with perforated tailpipe to 8060'. Used 1000' water cushion. Opened tester at 8:48 AM. Had light, steady blow decreasing to dead in 10 minutes, and dead for balance of 1 hour test. Recovered 30' net rise of thick drilling fluid. Charts confirmed details of test. Water shutoff on splice witnessed and approved by Division of Oil and Gas. Cleaned out cement inside 5" liner from 9160' to 9167'. Shot four jet holes at 9010' by Lane-Wells. Mud weight 65#, 100 viscosity, 0.0 c.c. water loss.
- 1/23 Ran Johnston casing tester on 2-7/8" drill pipe and set packer at 8983' with perforated tailpipe to 8987'. Used 1000' water cushion. Dropped bar at 6:32 AM. Had 3 minute light steady blow then dead for balance of 1 hour test. Found 60' of thick mud above trip valve. Seal not punctured. Pulled tester. Ran Halliburton hydro-spring tester on 2-7/8" drill pipe and set packer at 8967' with perforated tailpipe to 8992'. Used 1000' water cushion. Opened tester at 7:10 PM. Had medium, steady blow for 12 minutes, then dead for balance of 1 hour test. Recovered 10' net rise of drilling fluid. Obtained effective zonal segregation at 9010'.
- 1/24 Ran Lane-Wells jet gun and shot four holes at 8889'. Ran Halliburton hydro-spring tester on 2-7/8" drill pipe and set packer at 8845' with perforated tailpipe to 8870'. Used 1000' water cushion. Opened tester at 11:45 AM. Had 30 second light blow with occasional light heads for balance of 1 hour test. Recovered 140' net rise of thick gassy drilling fluid. Pressure bomb charts confirmed details of test. Water shutoff at 8889' witnessed and approved by Division of Oil and Gas. Ran Lane-Wells gun and perforated four 1/2" holes per foot from 9132' to 9165'.
- 1/25 Ran Lane-Well gun and perforated four 1/2" holes per foot from 9118' to 9020'; 9000' to 8961'; and 8947' to 8895'. Scraped 5" liner. Laying down drill pipe.
- 1/26 Laid down remainder of drill pipe. Made up 1042' of 2" tubing and making up 2-1/2" tubing.
- 1/27 Landed 2-1/2" tubing at 8587' including 1042' of 2" on bottom. Displaced part of mud with 167 barrels of oil. Began swabbing but unable to get swab below 3000' level. Apparently obstruction in tubing.
- 1/28 Displaced mud with oil. Began swabbing at 6:00 PM. Well began flowing at 5:00 AM. In 12 hours well swabbed and flowed approximately 150 barrels, all circulating oil.
- 1/29 Released Camay Drilling Contractor at 4:00 PM. In 24 hours well swabbed and flowed 540 barrels gross fluid, of which 373 barrels is formation oil, 353 barrels net oil, 5.5% cut, 21.0 gravity, 64/64" bean, 150# tubing pressure, 250# casing pressure, 457 MCF gas.

	<u>Gross</u>	<u>Net</u>	<u>Cut</u>	<u>Gravity</u>	<u>Bean</u>	<u>Tubing Pressure</u>	<u>Casing Pressure</u>	<u>MCF Gas</u>
1/30	In 24 hours well flowed:							
	580	568	2.0% mud	21.9	64/64	300#	250#	390
1/31	464	452	2.5% mud	21.0	64/64	375#	250#	325
2/1	556	548	1.5% mud	21.2	64/64	350#	775#	390
2/2	532	521	2.0% mud	21.0	64/64	350#	920#	462
2/3	457	449	1.7% mud	20.8	64-32/64	350#	1110#	350

Changed from 64/64" bean to 32/64" bean at 9:30 AM.

APR 7 1954

OPERATOR: TIDE WATER ASSOCIATED OIL COMPANY

Page 428 ANGELES, CALIFORNIA

WELL NO.: Standard-Sesnon 1-#14

1954	Gross	Net	Cut	Gravity	Bean	Tubing Pressure	Casing Pressure	MCF Gas
2/4	453	438	3.4%	20.8	32/64	350#	1250#	506
2/5	371	362	2.5%	20.6	24/64	425#	1250#	343
Changed to 2 1/2" bean at 10:00 AM.								
2/6	360	350	2.9%	20.5	2 1/2"	425#	1350#	353
2/7	309	303	2.0%	20.8	2 1/2"	400#	1280#	357
2/8	335	332	0.8%	20.3	2 1/2"	450#	1300#	376
2/9	318	312	2.0%	20.3	2 1/2"	450#	1300#	370
2/10	330	324	2.0%	20.3	2 1/2"	450#	1300#	284
2/11	319	313	2.5%	20.3	2 1/2"	450#	1150#	412
2/12	329	321	2.5%	20.3	2 1/2"	450#	1150#	460
2/13	309	301	2.5%	20.3	2 1/2"	450#	1150#	471
2/14	325	317	2.5%	20.3	2 1/2"	450#	1150#	455
2/15	308	300	2.5%	20.3	2 1/2"	450#	1150#	468
2/16	294	287	2.5%	20.3	2 1/2"	450#	1150#	438
2/17	285	278	2.5%	20.3	2 1/2"	450#	1150#	418
2/18	281	274	2.5%	20.3	2 1/2"	450#	1150#	414
2/19	271	264	2.5%	20.3	2 1/2"	450#	1150#	450
2/20	291	284	2.5%	20.3	2 1/2"	450#	1150#	449
2/21	288	281	2.5%	20.3	2 1/2"	450#	1150#	453
2/22	289	282	2.5%	20.3	2 1/2"	450#	1150#	437
2/23	277	270	2.5%	20.3	2 1/2"	450#	1150#	448
2/24	278	271	2.5%	20.3	2 1/2"	450#	1150#	427
2/25	268	261	2.5%	20.3	2 1/2"	450#	1150#	432
2/26	266	259	2.5%	20.3	2 1/2"	450#	1150#	412
2/27	254	248	2.5%	20.3	2 1/2"	450#	1150#	435
2/28	255	249	2.5%	20.3	2 1/2"	450#	1150#	445
3/1	253	247	2.5%	20.3	2 1/2"	450#	1150#	404
3/2	268	261	2.5%	20.3	2 1/2"	450#	1150#	365
3/3	265	259	2.5%	20.3	2 1/2"	450#	1150#	301

CASING RECORD

20" C 33'
 13-3/8" 54.5# C 817'
 7" 23, 26, 29# C 8896' Window 8165'-8195'
 1109' 5" 18# C 9171' Top 8062'
 L H 8889'; 9010'
 L H / F 8895'-8947'; 8961'-9000'
 9020'-9118'; 9132'-9165'.

S.T. CASING

7" 29# 8195' - 8896'
 153' 5" 18# L 9016' Top 8863'

TUBING RECORD

2-1/2" L 8587' inc. 1042' of 2" on bottom

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off

(FORMATION TESTER)

No. T 154-125

Mr. F C Foster
Box "Y"
Los Nietos California
 Agent for TIDE WATER ASSOCIATED OIL CO

Los Angeles Calif.
February 1 1954

DEAR SIR:

Your well No. "Standard-Sesnon 1" 14, Sec. 28, T. 3 N, R. 16 W, S B B & M.
Aliso Canyon Field, in Los Angeles County, was tested for water shut-off
 on January 24, 19 54. Mr. J F Foster, Inspector, designated by the supervisor was present
 from 3:30 p.m. to 4:30 p.m. as prescribed by law; there were also present E Shuler, Engineer
H Cook, Drilling Foreman

Shut-off data: 5 in. 18 lb. casing was cemented xxx at 9169 ft.
 on January 17, 19 54 in 6 in. hole with 120 ~~sacks~~ sacks of cement
and Stratacrete (1:1 mix) calculated to fill behind casing to 7588 ft. below surface.
 Casing record of well: 13-3/8" cem. 817'; 7" cem. 8896', milled through 8165'-8195'; 5" cem.
8060'-9169'; 4, 1/2" test holes 8889', W.S.O.; T.D. (1st hole) 9021', plugged with
cement 9174'-9158'.
 Present depth 9174 ft. cmt. bridge 9169 ft. to 9167 ft. Cleaned out cmt. 9158 ft. to 9167 ft. for test.
 A pressure of xxx lb. was applied to the inside of casing for xxx min. without loss after cleaning out to xxx ft.
 A Halliburton gun and tester was run into the hole on 2-7/8 in. drill pipe ~~with~~
 with 1000 ft. of water ~~mark~~ cushion, and packer set at 8845 ft. with tailpiece to 8870 ft.
 Tester valve, with 3/8 in. bean, was opened at 11:45 a.m. and remained
 open for 1 hr. and xxx min. During this interval there was a light blow for 30 seconds
and occasional light heads thereafter.

Mr. Shuler reported:

1. Cement was drilled out of the 5" casing from 9158'-9167', equivalent to 1.0 cu. ft.) and the hole was cleaned out to 9167'.
2. The 5" casing was shot-perforated with 4, 1/2" holes at 9010' for company test and tested dry.
3. The 5" casing was shot-perforated with 4, 1/2" holes at 8889' and the test was made as noted above.

THE INSPECTOR NOTED THE FOLLOWING:

1. When the drill pipe was removed, a net recovery of 140' of thick gassy drilling fluid was found in the drill pipe above the tester, equivalent to 0.7 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hour.

THE 5" SHUT-OFF AT 8889' IS APPROVED.

JFF:ES

B/A

cc T L Wark
 Joseph Jensen
 J R Boyer (2)

R. D. BUSH, State Oil and Gas Supervisor

By R. N. Halling, Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

Los Angeles 15 No. T154-119
Calif. January 27 19 54

Mr F O Foster
~~Box X~~
Los Nietos Calif.
Agent for TIDE WATER ASSOCIATED OIL CO

DEAR SIR: "Standard-Sesnon 1"
Operations at your well No. 14 Sec. 28, T. 3 N, R. 16 W, S B B. & M.,
Aliso Canyon Field, in Los Angeles County, were witnessed by
G. J. Borkovich, Inspector, representative of the supervisor,
on January 22, 1954. There was also present A. Hanson, Engineer;
B. Hendricks, Driller.

Casing Record 13-3/8" cem. 817'; 7" cem. 8896', milled through 8165'-8195'; 5" cem. 8060'-9169'. T.D. (present hole) 9174', plugged with cement 9174'-9158'.
Junk T.D. (1st hole) 9021'.

The operations were performed for the purpose of demonstrating that no fluid has access to the well between the 5" and 7" casings.

The inspector arrived at the well at 11:30 a.m. and Mr. Hanson reported:

1. On December 11, 1953, 80 sacks of cement was pumped into the hole through 2-7/8" tubing hanging at 9008', filling to 8650'.
2. The 7" casing was milled through from 8165' to 8195'.
3. The permanent whipstock was set at 8195', and cemented with 50 sacks of cement.
4. A 6" rotary hole was drilled from 8180' to 9174'.
5. On January 17, 1954, 1109' of 5", 18 lb. casing was cemented at 9169' with 120 sacks 1:1 mix of cement and Strata-Crete.
6. Cement was drilled out of the 5" casing from 8972' to 9158' (equivalent to 16 sacks), and the hole was cleaned out to 9158'.
7. The company test demonstrating that no fluid has access to the well between the 5" and 7" casings was wet.
8. The operator decided to recement.
9. On January 20, 1954, the annulus between the 7" and 5" casing was recemented with 40 sacks of cement of which 30 sacks was squeezed away under a final pressure of 5000 p.s.
10. Cement was drilled out of the 7" casing from 7936' to 8059' (equivalent to 22 sacks), and the hole was cleaned out to 8059'.
11. A Johnston tester was run into the hole on 2-7/8" drill pipe with 1000' of water cushion and packer set at 8045' with tailpiece to 8060'.
12. The tester valve was opened at 8:48 a.m. and remained open 1 hr. During this interval, there was a light, steady blow for 10 min., then no blow thereafter.

THE INSPECTOR NOTED:

1. When the drill pipe was removed, 30' net of drilling fluid was found in the drill pipe above the tester, equivalent to 0.13 bbl.
2. The recording pressure bomb chart showed that the tester valve was open 1 hr.

The operations were completed at 12:30 p.m.

THE OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED AS INDICATING THAT NO FLUID HAS ACCESS TO THE WELL BETWEEN THE 5" AND 7" CASINGS.

R. D. BUSH

State Oil and Gas Supervisor

GJB:OH G/B
44226 5-51 14, 250 © SPO

cc T L Wark
Jos Jensen
J R Boyyer

By *R. H. Walling* Deputy

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

No. P154-82

Los Angeles 15 Calif. January 20 19 54

Mr. F G Foster
Box Y
Los Nietos Calif.

Agent for TIDE WATER ASSOCIATED OIL CO

DEAR SIR: "Standard-Session 1"
Your proposal to redrill & deepen Well No. 14

Section 28, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon Field, Los Angeles County,

dated Jan. 11 19 54, received Jan. 19 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:

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE
The 7" water shut-off at 8860' was approved.

THE NOTICE STATES

"The present condition of the well is as follows:

- Total depth. 9021'
- Complete casing record. 13-3/8" 54.5' @ 817'
7" 23,26,29' @ 8896'
153' 5" 18" L 9016' Top 8863'
P. 8894' - 9016'
- Last produced.

October 6, 1953	160	21.5	0.66
(Date)	(Net Oil)	(Gravity)	(Out)"

PROPOSAL

"The proposed work is as follows:

- Plug with cement from 9016' to 8650'.
- Mill window in 7" casing at approximately 8165'.
- Redrill and deepen to approximately 9175'.
- Cement 5" blank liner on bottom.
- Obtain water shutoffs on 5" to 7" splices and above Session Zone. Obtain zonal segregation between Upper and Lower Session Zones.
- Perforate Upper and Lower Session Zones, and run tubing."

DECISION

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

- A test after cleaning out below the top of the liner to demonstrate that no fluid has access to the well between the 5" and 7" casings.
- A test of the effectiveness of the 5" shut-off prior to perforating the casing for production.

FEX:CH

cc T L Wark
Jos Jensen
J R Boyer (2)R. D. BUSH
State Oil and Gas SupervisorBy R. N. Halling Deputy

Blanket bond.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED

DIVISION OF OIL AND GAS

JAN 19 1954

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well ^{LOS ANGELES, CALIFORNIA}

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

Los Nietos Calif. January 11 19 54

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. Standard-Sanson 1-714
(Cross out unnecessary words)

Aliso Canyon, Sec. 28, T. 3 N, R. 16 W, S.E. B. & M.

Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- 1. Total depth. 9021'
- 2. Complete casing record.

	<u>13-3/8"</u>	<u>51.54'</u>	<u>C</u>	<u>817'</u>	
	<u>7"</u>	<u>23,26,29#</u>	<u>C</u>	<u>8896'</u>	
<u>153'</u>	<u>5"</u>	<u>18#</u>	<u>L</u>	<u>9016'</u>	<u>Top 8863'</u>
			<u>P.</u>	<u>889#</u>	<u>- 9016'</u>

3. Last produced. October 6, 1953 160 21.5 0.6%
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- 1. Plug with cement from 9016' to 8650'.
- 2. Mill window in 7" casing at approximately 8165'.
- 3. Redrill and deepen to approximately 9175'.
- 4. Cement 5" blank liner on bottom.
- 5. Obtain water shutoffs on 5" to 7" splice and above Sanson Zone. Obtain zonal segregation between Upper and Lower Sanson Zones.
- 6. Perforate Upper and Lower Sanson Zones, and run tubing.

Redrill & deepen

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
			<i>Blanket</i>	<i>EB</i>	<i>EB</i>

TIDE WATER ASSOCIATED OIL COMPANY

(Name of Operator)
By J. E. Weaver
Agent

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

RECEIVED
JUL 14 1949
LOS ANGELES, CALIFORNIA

WELL SUMMARY REPORT

Operator TIDE WATER ASSOCIATED OIL COMPANY Field ALISO CANYON
Well No. STANDARD SESNON (A)-14 Sec. 28, T. 3 N, R. 16 W S.B. B. & M.
Location 2846.39' S. & 7005.27' W. of Sta. 484 Elevation of ground above sea level 2400.63 feet.
All depth measurements taken from derrick floor of 8.52 feet above ground.

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

Date July 10, 1949 Signed J. C. Foster
W. E. Perkes (Engineer or Geologist) E. S. Curl (Superintendent) Title Agent (President, Secretary or Agent)

Commenced drilling March 23, 1949 Completed drilling May 24, 1949 Drilling tools Cable Rotary

Total depth 9021' Plugged depth _____ GEOLOGICAL MARKERS _____ DEPTH _____

Junk _____

Commenced producing 5/27/49 (date) Flowing/gas lift/pumping _____ (cross out unnecessary words)

Initial production
Production after 30 days

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
481	21.0	0.7	186	2000	3000
241	21.0	0.4	315	1050	2250

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Casing landed in	Number of Sacks of Cement	Depth of Cementing if through perforations
13-3/8"	817'	0'	54.5#	New	Seamless	J-55	17-1/2"	675	
7"	8896'	0'	29,26,23#	New	Seamless	H-80, J-55	11"	300	
5"	9016'	8863'	18#	New	Seamless	J-55	6"	0	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
5"	8894 ft.	9016 ft.	60 Mesh, 2" slots	12	6"	by Pacific
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

Electrical Log Depths 817' - 9021' (Attach Copy of Log)

DIVISION OF OIL AND GAS

RECEIVED
JUL 14 1949
LOS ANGELES, CALIFORNIA

History of Oil or Gas Well

OPERATOR TIDE WATER ASSOCIATED OIL COMPANY FIELD ALISO CANYON

Well No. STANDARD-SESSION 14-14, Sec. 28, T. 3 N, R. 16 W, S. E. B. & M.

Signed T. C. Foster

Date _____ Title Agent
(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	Description
<u>1949</u>	
2/10 - 2/12	Graded rig site.
2/13	Idle.
2/14 - 2/19	Graded rig site.
2/20	Idle.
2/21 - 2/26	Graded rig site.
2/27	Idle.
2/28 - 3/1	Graded rig site.
3/2	Finished grading rig site.
3/3	Contractor dug rate hole.
3/4	Installed culvert.
3/5 - 3/6	Idle.
3/7	Contractor drilled 24" hole and cemented 20" casing at 26' (33' from derrick floor.)
3/8	Graveled rig site.
3/9 - 3/10	Dug cellar. Poured foundation concrete.
3/11 - 3/12	Erected derrick.
3/13	Idle.
3/14 - 3/15	Built casing racks and installed sub-base.
3/16	Prepared to rig up.
3/17	Moved in rotary equipment.
3/18 - 3/21	Rigged up rotary.
3/22	Finished rigging up rotary.
3/23	Spudded 12-1/4" hole at 2:00 A.M. and drilled to 217'.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR TIDE WATER ASSOCIATED OIL COMPANY FIELD ALISO CANYON

Well No. STANDARD-SESNON 41-14, Sec. 28, T. 3 N, R. 16 W, S.B. & M.

Signed J. C. Foster

Date _____ Title Agent
(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
1949

(Cont'd)

- 3/24 Drilled 12-1/4" hole from 217' to 352'.
- 3/25 Drilled 12-1/4" hole from 352' to 588'.
- 3/26 Drilled 12-1/4" hole from 588' to 836'.
- 3/27 Drilled 12-1/4" hole from 836' to 1124'.
- 3/28 Drilled 12-1/4" hole from 1124' to 1453'.
- 3/29 Drilled 12-1/4" hole from 1453' to 1796'.
- 3/30 Drilled 12-1/4" hole from 1796' to 1866'. Opened 12-1/4" hole to 17-1/2" from surface to 470'.
- 3/31 Opened 12-1/4" hole to 17-1/2" from 470' to 817'. Ran 13-3/8", 54.5# Youngstown T&C Grade J-55 casing and cemented at 817'. Bottom 4 joints spot welded. Cemented with 600 sacks Colton Construction cement. Treated first and last 150 sacks with quick setting chemical. Had no cement returns to surface. Time 9:30 P.M. Cemented around outside of casing with 75 sacks of cement. International Bulk Method. Standing cemented.
- 4/1 Drilled out shoe and cement from 812' to 892'. Conditioned mud. Cleaned out from 892' to 1866'. Drilled 11" hole from 1866' to 1902'.
- 4/2 Drilled 11" hole from 1902' to 2346'.
- 4/3 Drilled 11" hole from 2346' to 2688'.
- 4/4 Drilled 11" hole from 2688' to 2991'.
- 4/5 Drilled 11" hole from 2991' to 3299'.
- 4/6 Drilled 11" hole from 3299' to 3652'.
- 4/7 Drilled 11" hole from 3652' to 3939'.
- 4/8 Drilled 11" hole from 3939' to 4207'.
- 4/9 Drilled 11" hole from 4207' to 4357'.
- 4/10 Drilled 11" hole from 4357' to 4512'.
- 4/11 Drilled 11" hole from 4512' to 4703'.
- 4/12 Drilled 11" hole from 4703' to 4862'.
- 4/13 Drilled 11" hole from 4862' to 5205'.
- 4/14 Drilled 11" hole from 5205' to 5541'.
- 4/15 Drilled 11" hole from 5541' to 5754'.
- 4/16 Drilled 11" hole from 5754' to 5942'.
- 4/17

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR TIDE WATER ASSOCIATED OIL CO. FIELD ALISO CANYON

Well No. STANDARD SESNON (9)-14, Sec. 28, T. 3 N, R. 16 W, S.3 B. & M.

Signed J. C. Foster
P.

Date _____ Title Agent
(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
1949

(Cont'd)

4/18	Drilled 11" hole from 5942' to 6011'.
4/19	Drilled 11" hole from 6011' to 6108'.
4/20	Drilled 11" hole from 6108' to 6282'.
4/21	Drilled 11" hole from 6283' to 6380'.
4/22	Drilled 11" hole from 6380' to 6592'.
4/23	Drilled 11" hole from 6592' to 6729'.
4/24	Drilled 11" hole from 6729' to 6925'.
4/25	Drilled 11" hole from 6925' to 7084'.
4/26	Drilled 11" hole from 7084' to 7243'.
4/27	Drilled 11" hole from 7243' to 7396'.
4/28	Drilled 11" hole from 7396' to 7606'.
4/29	Drilled 11" hole from 7606' to 7735'.
4/30	Drilled 11" hole from 7735' to 7816'.
5/1	Drilled 11" hole from 7816' to 7894'.
5/2	Drilled 11" hole from 7894' to 8022'.
5/3	Drilled 11" hole from 8002' to 8146'.
5/4	Drilled 11" hole from 8146' to 8254'.
5/5	Drilled 11" hole from 8254' to 8358'.
5/6	Drilled 11" hole from 8358' to 8433'.
5/7	Drilled 11" hole from 8433' to 8531'.
5/8	Drilled 11" hole from 8531' to 8619'.
5/9	Drilled 11" hole from 8619' to 8703'.
5/10	Drilled 11" hole from 8703' to 8792'.
5/11	Drilled 11" hole from 8792' to 8904'.
5/12	Drilled 11" hole from 8904' to 8950'.

5/13 Ran and cemented 7", 29#, 26#, and 23# Youngstown speedite casing at 8896', with 500 sacks of Colton H1-temperature cement. Pressure increased from 900# to 1125# when plugs bumped. Time 9:00 P.M. International Bulk Method. Casing details as follows:

Bottom 1585'	29# H-80
then 1735'	26# H-80
then 1873'	23# H-80
Balance	23# J-55

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

TIDE WATER ASSOCIATED OIL COMPANY History of Oil or Gas Well ALISO CANYON

OPERATOR STANDARD SESMON (A-14) FIELD 3 N 16 W S.B.

Well No. _____, Sec. _____, T. *J. C. Foster* B. & M.

Signed _____ Agent

Date _____ 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.

1949
Date

- 5/14 - 5/15 Standing cemented.
- 5/16 Located top of cement at 8850' and cleaned out to 8865'.
- 5/17 Ran Eastman oriented drill pipe survey to 8865'. Cleaned out cement from 8865' to 8870'. Conditioned mud to test water shut off.
- 5/18 Ran combination Johnston tester and gun on 2-7/8" drill pipe with 930' of water cushion, and shot four 1/2" holes at 8860'. Set packer at 8827' with tail pipe to 8847'. Opened tester at 10:45 A.M. Had a weak blow for 10 minutes and decreasing to no blow after 15 minutes. Pulled tester loose after being open 1 hour 45 minutes and recovered 360' of watery oily drilling mud. Salinity 55 g/g. Pressure Bomb Charts indicated tester had plugged. Test inconclusive. Conditioned mud to re-run tester.
- 5/19 Ran Johnston tester on 2-7/8" drill pipe with 930' of water cushion and set packer at 8827', with perforated tail pipe to 8847'. Opened tester at 9:45 A.M. Had fairly strong blow with gas to surface in 10 minutes and fluid in 30 minutes. After flowing water cushion and mud, well produced clean oil at an estimated 1000-barrel per day rate. Pulled tester loose at 10:45 A.M. after being open 1 hour. Sample 4 stands from bottom cut 3% mud and no water. Bottom 3 stands were oily muddy water, testing 33 g/g. Pressure Bomb Charts checked details of test. Test of water shut off witnessed and approved by Division of Oil and Gas. Cleaned out hard cement from 8870' to 8896' and circulated to 8950'.
- 5/20 Mixed Ken Oil mud.
- 5/21 Circulated out mud with Ken Oil mud. Ran core bit and conditioned mud.
- 5/22 Cored 6" hole from 8950' to 8981'.
- 5/23 Cored 6" hole from 8981' to 9001'.
- 5/24 Cored 6" hole from 9001' to 9021'. Ran Schlumberger electric log at 9021'.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR WIDE WATER ASSOCIATED OIL COMPANY FIELD ALISO CANYON
Well No. STANDARD SEASON 2-14, Sec. 26, T. 3 N, R. 16 W, S. 4, B. & M.
Signed J. C. Foster
Date _____ Title Agent
(President, Secretary or Agent)

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Date
1949

(Cont'd).

- 5/25 Ranned from 8950' to 9021'. Ran 153' of 5", 15# flush joint Security threaded liner, including 122' of 80 Mesh perforated and landed at 9016'. Top of Burns hanger 8863'. Perforations are 80 Mesh, 12 rows, 6" centers, 2" slots, with 6" undercut, by Pacific.
- 5/26 Ran 2-7/8", 6.5# J-55 Upset tubing, with 2-1/2" x 2" swedge nipple on bottom, and hung at 8823'. Circulated out Ken Oil mud with oil.
- 5/27 Swabbed, and well started flowing at 10:25 P.M. In 7 1/2 hours to 6:00 A.M., 5-28-49, well flowed 162 barrels of circulating oil; cut 1.6%; 48/64 bean; 20.0° gravity; 100# tubing pressure; 0# casing pressure; 111 MCF gas.
- 5/28 In 24 hours well flowed 392 barrels gross fluid; 391 barrels approximate net oil, some of which is circulating oil; 0.2% cut; 48/64 bean; 20.6° gravity; 250# tubing pressure; 0# casing pressure; 163 MCF gas.
- 5/29 In 24 hours well flowed 484 barrels gross fluid; 481 barrels approximate net oil; 0.7% cut; 48/64 bean; 21.0° gravity; 200# tubing pressure; 300# casing pressure; 186 MCF gas.
- 5/30 In 24 hours well flowed 422 barrels gross fluid; 419 barrels approximate net oil; 0.5% cut; 48/64 bean; 20.8° gravity; 100# tubing pressure; 300# casing pressure; 156 MCF gas.
- 5/31 In 24 hours well flowed 408 barrels gross fluid; 406 barrels approximate net oil; 0.5% cut; 48/64 bean; 21.0° gravity; 100# tubing pressure; 300# casing pressure; 193 MCF gas.
- 6/1 In 6 hours well flowed 103 barrels gross fluid; 103 barrels approximate net oil; 0.3% cut; 48/64 bean; 20.7° gravity; 200# tubing pressure; 300# casing pressure; 26 MCF gas. Shut in at 12:00 Noon. At 6:00 A.M., 6/2/49, tubing pressure 500#, casing pressure 600#, shut in.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR HIDE WATER ASSOCIATED OIL COMPANY FIELD ALISO CANYON

Well No. STANDARD-EESNON (S)-14, Sec. 28, T. 3 N, R. 16 W, S.B. B. & M.

Signed J. C. Foster

Date _____ Title Agent
(President, Secretary or Agent)

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Date
1949

(Cont'd)

6/2	Shut In...	Tubing pressure 725#; Casing pressure 725#
6/3	Shut In...	Tubing pressure 1125#; Casing pressure 1300#
6/4	Shut In...	Tubing pressure 1175#; Casing pressure 1325#
6/5	Shut In...	Tubing pressure 1200#; Casing pressure 1350#
6/6	Shut In...	Tubing pressure 1225#; Casing pressure 1350#
6/7	Shut In...	Tubing pressure 1225#; Casing pressure 1350#
6/8	Shut In...	Tubing pressure 1225#; Casing pressure 1360#

	Gross Fluid	Approx. Net Oil	Cnt	Gravity	Bean	Tubing Pressure	Casing Pressure	Gas	Hours On
6/9	324	322	0.4%	20.7°	46/64	775#	---	275	24
6/10	168	167	0.4%	20.7°	12/64	450#	1300#	85	24
6/11	169	168	0.4%	20.7°	12/64	450#	1750#	81	24
6/12	176	175	0.4%	20.7°	12/64	400#	1750#	81	24
6/13	162	161	0.4%	20.7°	12/64	420#	2000#	83	24
6/14	201	200	0.4%	20.7°	12/64	550#	2000#	158	24
6/15	184	183	0.4%	20.7°	12/64	600#	2000#	137	24
6/16	184	183	0.4%	20.7°	12/64	600#	1950#	135	24
6/17	177	176	0.4%	20.7°	12/64	600#	1950#	138	24
6/18	198	197	0.4%	20.7°	12/64	600#	1950#	138	24
6/19	188	187	0.4%	20.7°	12/64	650#	1950#	138	24
6/20	188	187	0.4%	22.0°	12/64	650#	1950#	148	24
6/21	188	187	0.4%	22.0°	12/64	650#	1950#	151	24
6/22	177	176	0.4%	22.0°	12/64	650#	1900#	124	24
6/23	S.I.					1100#	2150#		
6/24	S.I.					1400#	2200#		

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR TIDE WATER ASSOCIATED OIL COMPANY FIELD ALISO CANYON

Well No. STANDARD SECTION (H) - 14, Sec. 28, T. 3 N, R. 16 W, S.B. B. & M.

Signed J. C. Foster

Date _____ Title Agent
(President, Secretary or Agent)

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Date
1949

(Cont'd)

	Gross Fluid	Approx. Net Oil	Gas	Gravity	Bean	Tubing Pressure	Casing Pressure	MCF Gas	Hours On
6/25	Shut In....					1450#	2300#		
6/26	Shut In....					1500#	2250#		
6/27	Shut In....					1500#	2350#		
6/28	242	241	0.4%	21.0°	12/64	1050#	2250#	315	24
6/29	124	123	0.4%	21.0°	10/64	500#	1950#	69	24

CASING RECORD

20" C 33'
13-3/8", 54.5# C 817'
7", 29, 26, 23# C 8896'

153'- 5", 18# inc. 122' of Perf. 1. 9016'. Top 8863'.

TUBING RECORD

2-7/8", 6.5# with 2 1/2" x 2" swedge nipple on bottom,
J-55 Upset H 8823'.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

RECEIVED
JUL 14 1949

SF 74-14

LOG AND CORE RECORD OF OIL OR GAS WELL

LOS ANGELES, CALIFORNIA

Operator TIDE WATER ASSOCIATED OIL COMPANY Field ALISO CANYON

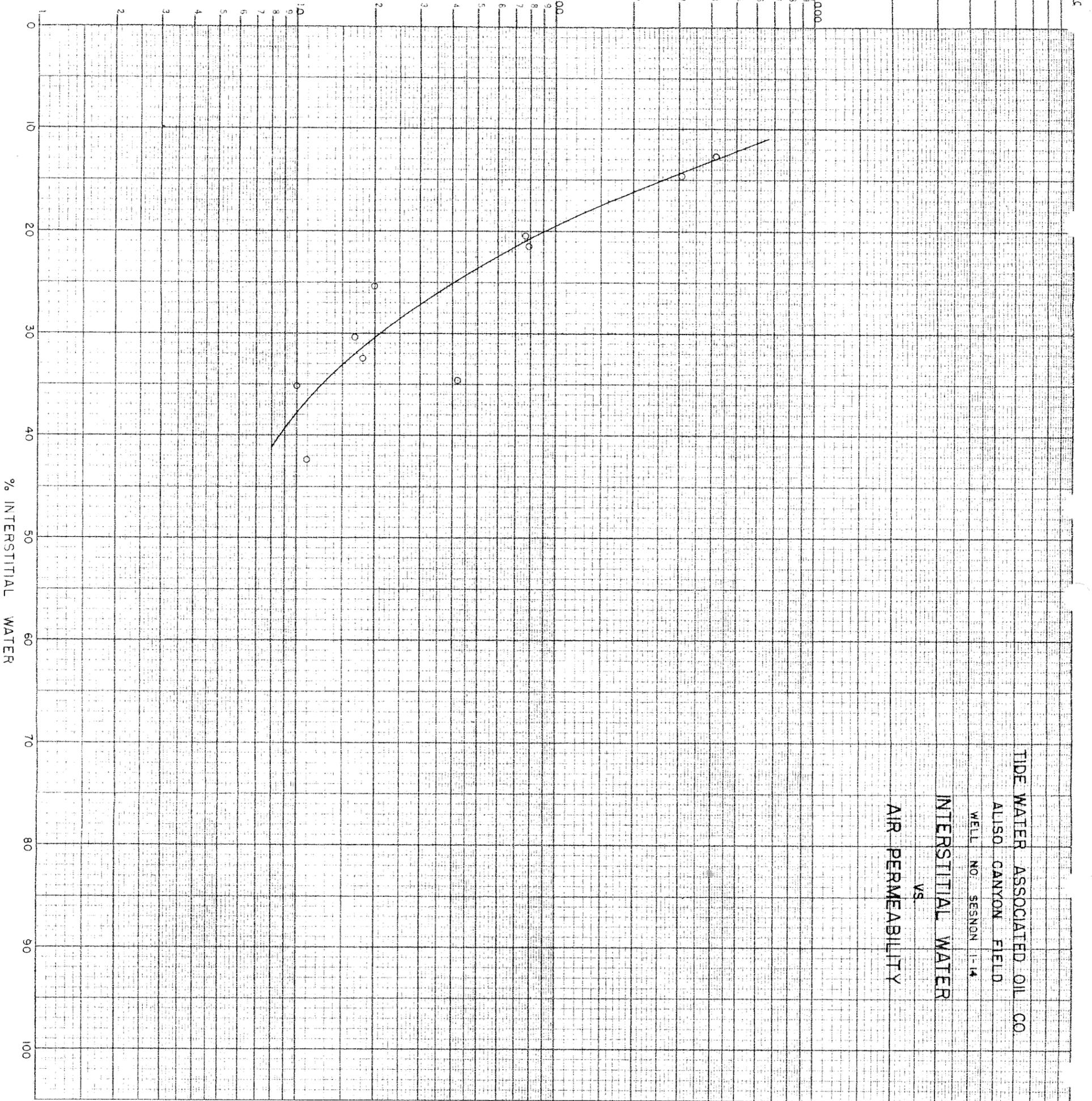
Well No. STANDARD SESNON 01-14 Sec. 25, T. 3 N, R. 16 W, S.E. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
<u>6" REED CONVENTIONAL CORES</u>					
8950'	8970'			20' 0"	2' 0" Very hard oil stained sandy siltstone--virtually a shell. 0' 2" Shell. 2' 10" Hard, silty oil sand. Slight cut and odor. 2' 0" Shell. 2' 0" Hard, silty oil sand. Slight cut and odor. 1' 0" Hard, oil stained, sandy siltstone. 7' 0" Shell. 3' 0" Firm, friable, silty oil sand. Good cut and odor. Bottom 6" grades to hard, silty oil sand, with good cut and odor.
8970'	8981'			6' 0"	2' 0" Very hard, silty to fine oil sand. Good cut and odor. 6' 0" Hard, medium to coarse, poorly sorted oil sand. Good cut and odor.
8981'	9001'			20' 0"	20' 0" Hard, oil stained, sandy siltstone.
9001'	9021'			20' 0"	3' 0" Hard, oil stained, sandy siltstone. 14' 0" Hard, sandy siltstone. No cut or odor. 2' 0" Shell. 1' 0" Hard, oil stained, sandy siltstone.

KEMPFEL & ESSER CO. N. Y. NO. 359-4112
Scale 1:10 to the inch. 6th lines pointed
MADE IN U. S. A.

AIR PERMEABILITY - md.



ASSOCIATED

DIVISION

PACIFIC ELECTRIC BUILDING

610 SOUTH MAIN STREET

LOS ANGELES, 14, CALIFORNIA

JOSEPH JENSEN,

CHIEF PETROLEUM ENGINEER

Well File

June 1, 1949

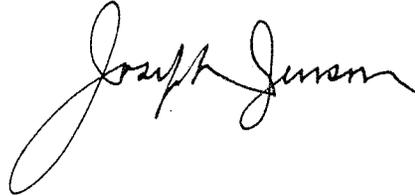
Mr. M. W. Morris
Standard Oil Co. of Calif.
P. O. Box 397
La Habra, California

Dear Mr. Morris:

Please find enclosed four copies of the Core Analyses Report of Standard Sesnon #1-14, Aliso Canyon Field, by the Petroleum Engineering Associates, Inc. The report is dated May 26, 1949. It is assumed that you will forward a copy to Mr. E. K. Parks.

Under separate cover I am sending you the plan and data sheets of the subsurface surveys of Standard Sesnon #1-7 and Standard Sesnon #1-14 (2 sets of contact prints and 1 set reverse ozalid each). Apparently the survey of Sesnon #1-7 was inadvertently not forwarded heretofore.

Yours very truly,



SSH 0
Enclosure

cc Mr.Thos.L.Wark - San Francisco

PETROLEUM ENGINEERING ASSOCIATES, Inc.

CORE LABORATORIES

TIDE WATER ASSOCIATED OIL COMPANY

Aliso Canyon Field

Well: Standard Sesnon 1-14

cc JET
cc JHT

PETROLEUM ENGINEERING ASSOCIATES, INC.

Complete Laboratory Service

PASADENA 2, CALIFORNIA

709-711 SOUTH FAIR OAKS AVENUE
TELEPHONE SYCAMORE 3-3649
RYAN 1-7806

May 26, 1949

Tide Water Associated Oil Company
Pacific Electric Building, Room 888
610 South Main Street
Los Angeles, California

Attention: Joseph Jensen Subject: Core Analysis

Gentlemen:

Enclosed herewith is our final report on the
analysis of 24 core samples, ranging in depth from
8954 to 9003 feet, from your Well Standard Sesnon
1-14, Aliso Canyon Field.

Yours very truly,

Paul B. Mallory
Paul B. Mallory

PBM:dr

Encls.

PETROLEUM ENGINEERING ASSOCIATES, INC.
CORE ANALYSIS

PEA FORM 1

COMPANY Tide Water Associated Oil Company ACCESSION NO. 283 PAGE 1 OF 2
 FIELD Aliso Canyon ZONE _____ WELL Standard Sesnon 1-14 DATE May 26 19 49
 CORE DIA. IN. 2 1/2 TYPE Oil Base SATURATION Mod ASTM OIL GRAV. 22.2 °API _____ WATER SALINITY _____ GPG NaCl _____

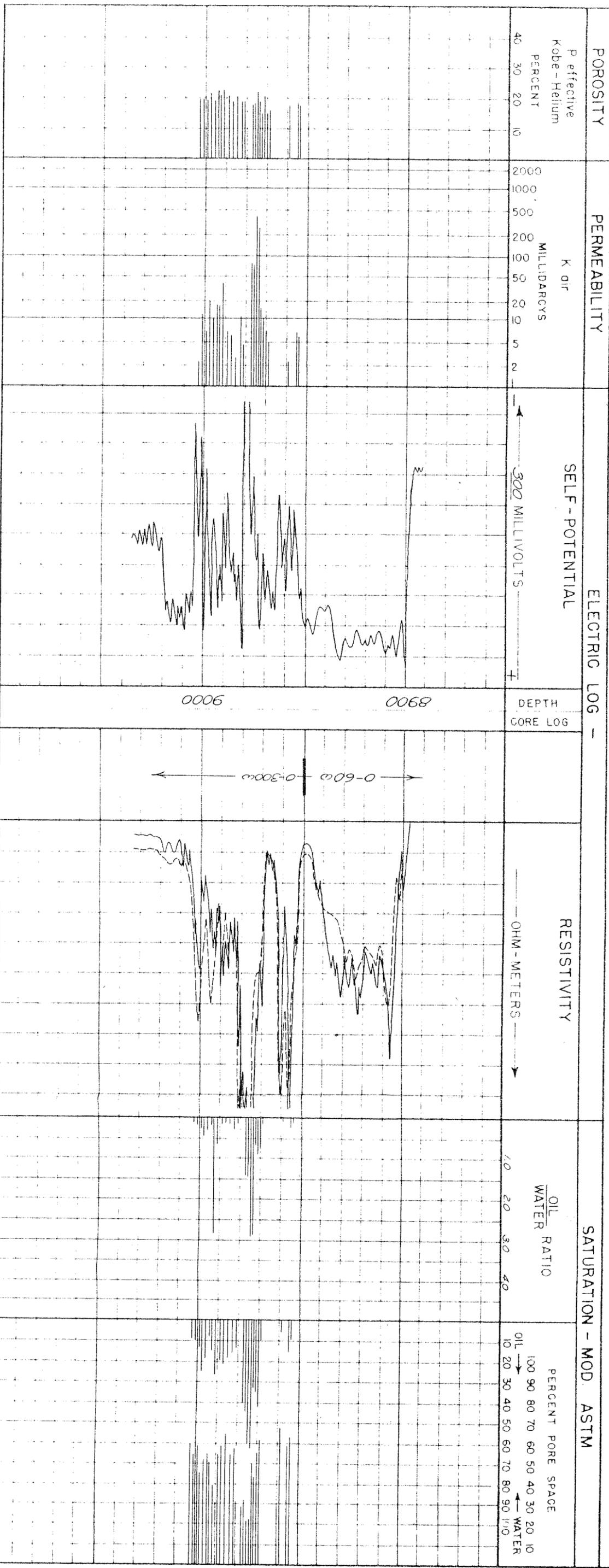
DEPTH FT.	SAM- PLE NO.	CHARACTER OF SAMPLE	Kobe PORO- SITY % (Helium)	PERMEABILITY-MD		I.W.*	OIL WATER RATIO	% PORES FULL OF		REMARKS
				AIR	WATER			EFFECTIVE	OIL	
8954	1	fm Sand f slty	17.9	6.4			0.16	10	63	73
8955	2	same as 8954	18.8	7.0			0.25	15	59	74
8959	3	do	18.4	2.1			0.09	6	68	74
8969	4	do	16.9	5.0			0.16	10	61	71
8970	5	fm Sand f med slty	15.6	7.4			0.73	41	56	97
8971	6	same as 8970	20.2	10			0.82	35	43	78
8972	7	fm Sand med crs	15.7	17			0.63	32	50	82
8973.5	8	fm frbl Sand med crs	19.4	308			2.80	62	22	84
8974.5	9	same as 8973.5 ^{peb}	21.8	417			2.84	60	21	81
8976	10	do	18.5	77			1.41	44	31	75
8977	11	do	18.3	79			1.44	40	28	68
8981	12	Sand f slty	19.8	4.9			0.22	12	57	69
8983	13	same as 8981	19.4	11			0.28	15	54	69
8985	14	do	20.2	3.5			0.14	9	65	74
8987	15	do	18.6	6.9			0.18	11	59	70
8989	16	do	20.2	7.3			0.16	9	55	64

* INTERSTITIAL WATER
 UNDERLINE DENOTES ADJACENT SAMPLE

PETROLEUM ENGINEERING ASSOCIATES, INC.

CORE ANALYGRAPH

COMPANY: Tide Water Associated Oil Company COUNTY: Los Angeles LOG MEASURED FROM _____ ELEV. _____
 WELL: Standard Sesnon 1-14 STATE: California DRILLING MEASURED FROM _____ ELEV. _____
 FIELD: Aliso Canyon SEC 28 TWP 3 N. RGE 16 W. PERMANENT DATUM _____ ELEV. _____



PETROLEUM ENGINEERING ASSOCIATES, INC.

METHODS OF TESTING AND ABBREVIATIONS
USED IN CORE ANALYSIS DATA

Saturation : Modified ASTM
 Porosity : Effective, using Kobe Porosimeter with Helium
 Permeability : Air Cores mounted in Optical Pitch, or Hassler Sleeve
 K_k : Klinkenberg corrected value

* * * * *

arg	-	argillaceous	ptng	-	partings
carb	-	carbonaceous	pk chp	-	poker chips
cons	-	consolidated	pr srtd	-	poorly sorted
crs	-	coarse	sft	-	soft
f	-	fine	sdv	-	sandy
fm	-	firm	slty	-	silty
frbl	-	friable	Ss	-	sandstone
hd	-	hard	stks	-	streaks
lam	-	laminated	sil	-	silicified
mass	-	massive	thn	-	thin, thinly
med	-	medium	unc	-	unconsolidated
mdy	-	muddy, mud cut	vy	-	very
peb	-	pebbles	wl cm	-	well cemented

DIVISION OF OIL AND GAS

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

No. T 1-49817

Los Angeles 15, Calif. May 27, 1949

Mr. F. C. Foster,
Los Nietos, Calif.
Agent for TIDE WATER ASSOCIATED OIL COMPANY

DEAR SIR:

Your well No. "Standard-Sesnon 1" 14, Sec. 28, T. 3 N., R. 16 W., S.B. B & M.
Aliso Canyon Field, in Los Angeles County, was tested for water shut-off
on May 19, 1949. Mr. J. L. White, Inspector, designated by the supervisor,
was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present

Gordon Larter, Engineer; H. M. Cook, Drilling Foreman.

Shut-off data: 7 in. 23, 26, 29 lb. casing was cemented ~~xxxx~~ at 8896 ft.
on May 13, 1949 in 11 in. hole with 500 sacks of cement~~xxxx~~

of which 12 sacks was left in casing.

Casing record of well: 13-3/8" cem. 817'; 7" cem. 8896'; four 1/2" test holes 8860', W.S.O.

Present depth 8951 ft. Bridged with cement from 8896 ft. to 8870 ft. Cleaned out to 8870 ft. for test.
A pressure of ~~xxx~~ lb. was applied to the inside of casing for ~~xxx~~ min. without loss after cleaning out to ~~xxx~~ ft.A Johnston tester was run into the hole on 2-7/8 in. drill pipe ~~xxxx~~
with 930 ft. of water-cushion, and packer set at 8827 ft. with tailpiece to 8847 ft.Tester valve, with 3/8 in. bean, was opened at 9:45 a.m. and remained
open for 1 hr. and ~~xxx~~ min. During this interval there was a medium, steady blow with fluid
to the surface in 30 minutes.

INSPECTOR P. W. BETTS VISITED THE WELL FROM 2:45 - 3:45 P. M., MAY 18, 1949, AND MR. LARTER

REPORTED: 1. A 17-1/2" rotary hole was drilled from the surface to 817'.

2. On March 31, 1949, 13-3/8", 54.5 lb. casing was cemented at 817' with 600 sacks of cem.

3. An 11" rotary hole was drilled from 817' to 8951'.

4. Electrical core readings showed the top of the "Sesnon" zone at 8900'.

5. The 7" casing was shot-perforated with four 1/2" holes at 8860'.

6. A Johnston gun and tester was run into the hole on 2-7/8" drill pipe and packer set at
8827'.

THE INSPECTOR NOTED THAT the test was a misrun, as the tester plugged.

INSPECTOR J. L. WHITE ARRIVED AT THE WELL AT 7:30 P. M., MAY 19, 1949, AND MR. LARTER

REPORTED: 1. The test was rerun as noted above.

2. Samples of the fluid taken when coming out of the hole tested as follows: 6127' above
the tool 2% cut, and 297' above the tool 3% cut.

THE INSPECTOR NOTED:

1. The last 270' of fluid was gassy, muddy water.

2. Water filtered from fluid samples taken from 207' and 117' above the bottom of the
drill pipe tested 34 and 34 grains of salt per gallon, respectively.

3. The recording pressure bomb chart showed that the tester valve was open 1 hr.

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

THE WATER SHUT-OFF ABOVE THE PERFORATIONS AT 8860' IS APPROVED.

JLW:OH

cc- T. L. Wark
Jos. Jensen
Wm. E. Perkes (2)

R. D. BUSH, State Oil and Gas Supervisor

By E. H. Mussen, Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONS

No. P 1-46482

Los Angeles 15, Calif. March 17, 1949

Mr. F. C. Foster

Los Nietos, Calif.

Agent for TIDE WATER ASSOCIATED OIL COMPANY

DEAR SIR:

Your proposal to drill Well No. "Standard-Sannon 1" 14
Section 28, T. 3 N., R. 16 W., S. B., B. & M., Aliso Canyon Field, Los Angeles County,
dated March 14, 1949, received March 15, 1949, has been examined in conjunction with records filed in this office.

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

THE NOTICE STATES:

"The well is 2846.39 feet S. and 7005.27 W. from Station #84
Elevation of ground above sea level approx. 2335' feet.
All depth measurements taken from top of derrick floor, which is 6.92' feet above ground.
We estimate that the first productive oil or gas sand should be encountered at a depth of
about _____ feet."

PROPOSAL:

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

Size of Casing	Weight	Grade and Type	Depth	Landed or Cemented
13-3/8"	54.5#	J-55, T40	2000'	Cemented
7"	23, 26, 29#	J-55, N-80	8900'	Cemented
5"	18#	J-55	9025'	Landed

*Will be set at approximately 800' if no loss of circulation between 800' - 2000'.
Well is to be drilled with rotary tools.
It is understood that if changes in this plan become necessary we are to notify you before
cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Mud fluid consistent with good drilling practice shall be used, and the column of mud fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Blowout prevention equipment, sufficient to provide a complete close-in of the well under pressure at any time, shall be installed.
3. Any hole to be sidetracked in any oil or gas zone shall be filled with cement, if possible.
4. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
 - (a) To inspect the installed blowout prevention equipment before drilling below 2000'.
 - (b) To witness a test of the effectiveness of the 7" shut-off.

CLB:OH

Mair

cc- T. L. Wark
Jos. Jensen
Wm. E. Parkes (2)

R. D. BUSH

State Oil and Gas Supervisor

By *E. H. Messer*

Deputy

RECEIVED
MAR 15 1949
C.B.

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

13

037-00766

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

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

Los Nietos, Calif. March 14, 1949

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 drilling well No. "Standard-Sesnon #1" Sec. 28, T. 3 N, R. 16 W, S.B.B. & M., Aliso Canyon Field, Los Angeles County. P.W.D.

Legal description of lease Standard-Sesnon #1

The well is 2846.39 feet ~~North~~ S., and 7005.27 ~~West~~ W. from Station #84
(Give location in distance from section corners or other corners of legal subdivision)

Elevation of ground above sea level approx. 2335' feet.

All depth measurements taken from top of derrick floor, which is 6.92' feet above ground.

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

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

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
13-3/8"	54.5#	J-55, T&C	2000'*	Cemented
7"	23, 26, 29#	J-55, N-80	8900'	Cemented
5"	18#	J-55	9025'	Landed

* Will be set at approximately 800' if no loss of circulation between 800' - 2000'.

Well is to be drilled with rotary tools.

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

MAP	MAP	CMDS	BOND	FORMS
18A			Blanket	EO EO

TIDE WATER ASSOCIATED OIL COMPANY
(Name of Operator)

Address P. O. Box "Y", Los Nietos, Calif.

Telephone number Whittier 42-043

By J. C. Foster
Agent