

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Ventura, California

November 12, 1991

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

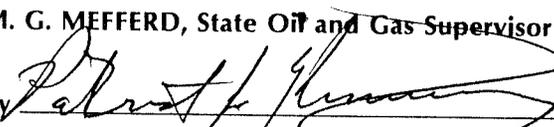
Your request, dated July 24, 1991, proposing to change the designation of well(s) in Sec. 34, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon field, Los Angeles County, District No. 2, has been received.

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

<u>FROM</u>	<u>TO</u>
"SFZU" FF-31 (037-00685)	"Fernando Fee" 31 (037-00685)
"SFZU" FF-33 (037-00687)	"Fernando Fee" 33 (037-00687)
"SFZU" FF-34 (037-00688)	"Fernando Fee" 34 (037-00688)
"SFZU" FF-35 (037-00689)	"Fernando Fee" 35 (037-00689)
"SFZU" MX-1A (037-21891)	"Mission Adrian" 1A (037-21891)
"SFZU" MA-1B (037-21892)	"Mission Adrian" 1B (037-21892)
"SFZU" MA 5 (037-00695)	"Mission Adrian" 5 (037-00695)
"SFZU" MA 5-A (037-22309)	"Mission Adrian" 5A (037-22309)
"SFZU" PF-3 (037-00646)	"Porter Fee" 3 (037-00646)
"SFZU" FF-34-A (037-22044)	"Fernando Fee" 34-A (037-22044)
"SFZU" FF-34-B (037-22302)	"Fernando Fee" 34-B (037-22302)
"SFZU" MA-3 (037-00693)	"Mission Adrian" 3 (037-00693)
"SFZU" MS-4 (037-00694)	"Mission Adrian" 4 (037-00694)
"SFZU" PF-1 (037-00644)	"Porter Fee" 1 (037-00644)
"SFZU" PF-2 (037-00645)	"Porter Fee" 2 (037-00645)

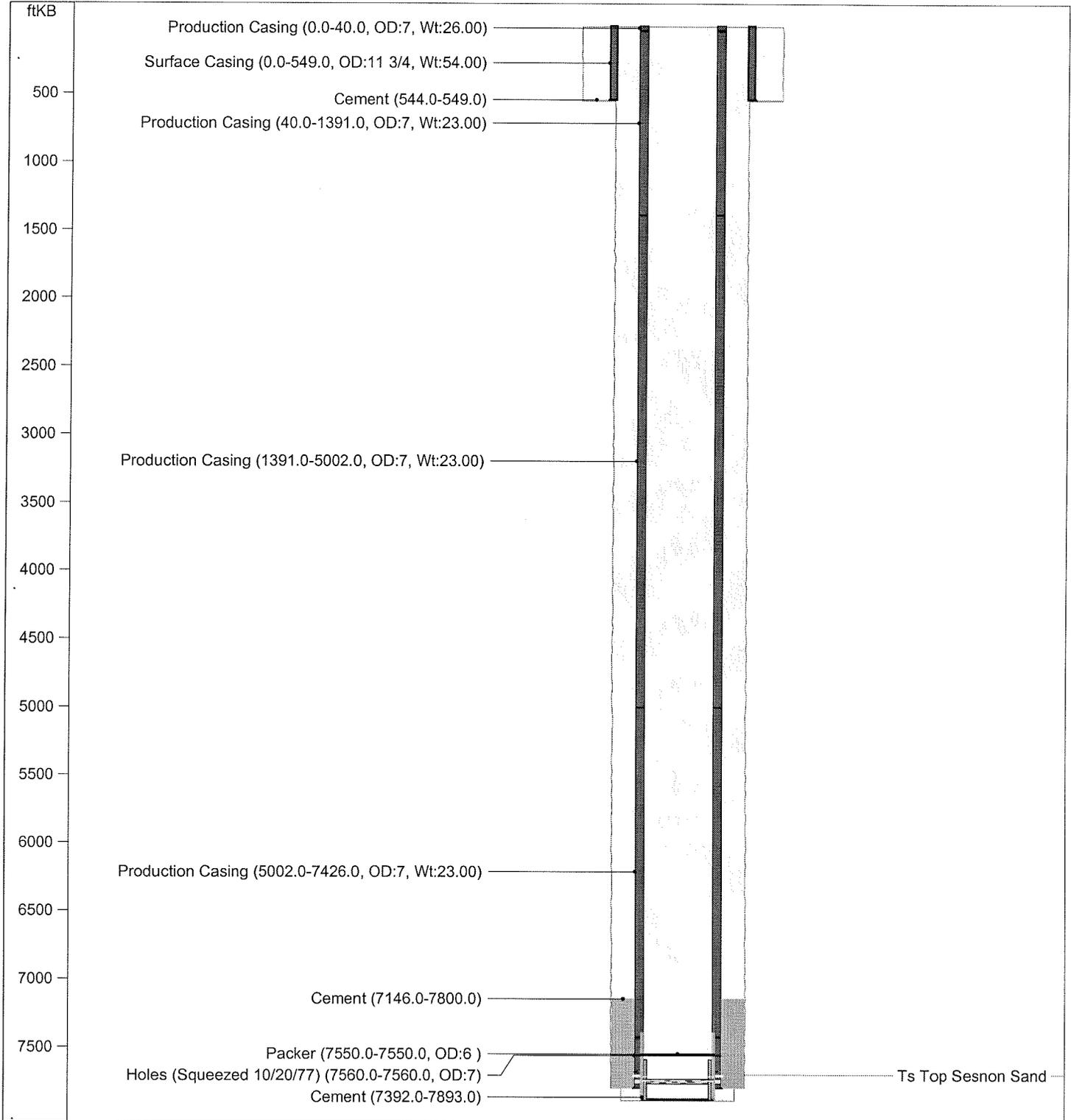
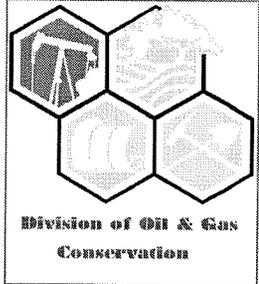
M. G. MEFFERD, State Oil and Gas Supervisor

By


Deputy Supervisor
PATRICK J. KINNEAR

04037006930000

Well Name	MISSION ADRIAN 3
Operator	SOUTHERN CA GAS CO
Field Name	ALISO CANYON
TD	7894.0 ftKB
PBTD	7875.0 ftKB
Approval Date	19-Dec-50
Spud Date	06-Dec-50
TD Date	22-Jun-55
Production Date	28-Jan-51
Injection Date	
P/A Date	



OPERATOR So. Cal. Gas
 LSE & NO SFZU"MA-3
 MAP 254

	()	()	()	()	()	()
INTENTION	<i>rework</i>					
NOTICE DATED	<i>702 Storage</i>					
P-REPORT NUMBER	<i>10-11-77</i>					
CHECKED BY/DATE	<i>277-386</i>					
MAP LETTER DATED						
SYMBOL						

	REC'D	NEED	REC'D	NEED	REC'D	NEED	REC'D	NEED	REC'D	NEED
NOTICE	<i>10-13-77</i>									
HISTORY	<i>11-22-77</i>									
SUMMARY										
IES/ELECTRIC LOG										
DIRECTIONAL SURV										
CORE/SWS DESCRIP										
OTHER	<i>Perf</i>									
	<i>TN Decay</i>									
	<i>Edmc</i>									
RECORDS COMPLETE	<i>129-77</i>									
	<i>MNC</i>									

ENGINEERING CHECK

T-REPORTS	_____
OPERATOR'S NAME	_____
WELL DESIGNATION	_____
LOC & ELEV	_____
SIGNATURE	_____
SURFACE INSPECTION	_____
FINAL LETTER OK	_____

CLERICAL CHECK

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

REMARKS: _____

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

DIVISION OF OIL AND GAS
RECEIVED
NOV 22 1977
SANTA PAULA, CALIFORNIA

History of Oil or Gas Well

Operator **SOUTHERN CALIFORNIA GAS COMPANY** Field or County **Aliso Canyon**
Well name and No. **MISSION ADRIAN #3**, Sec. **34**, T. **3N**, R. **16W**, S.B. & M.
A.P.I. well No. **037-00693** Name **P. S. Magruder, Jr.** Title **Agent**
Date **November 11**, 19 **77** (Person submitting report) (President, Secretary or Agent)

Signature *P.S. Magruder Jr.*

P.O. Box 3249, Terminal Annex, Los Angeles, California 90051 (213) **689-3561**
(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

1977

- 10-10 Killed well using 50 barrels 300 viscosity polymer drilling fluid and 250 barrels of 83#/cu.ft. 44 viscosity drilling fluid. Total volume used = 300 barrels.
- 10-12 Moved California Production Service Rig #M-28 from Mission Adrian #5 to Mission Adrian #3. Circulated well. Installed back-pressure valve in doughnut. Removed Christmas tree and installed B.O.P.E. Removed and replaced pipe ram and blind ram rubbers.
- 10-13 Made the following B.O.P.E. test with water and nitrogen:

Blind rams	with	4000 psi	for	20 minutes
Pipe rams	"	4000 psi	"	20 "
Hydril bag	"	3000 psi	"	20 "
Choke Manifold	"	2000 psi	"	20 "

Above tests all O.K.
Released Brown Husky packer and started working it out of well.
- 10-14 Worked packer loose. Circulated well and pulled tubing and packer. Made up 6 1/8" bit and 7" casing scraper. Cleaned out to 7590'. Made up 4 5/8" bit and 5" casing scraper and started in well.
- 10-15 Ran 4 5/8" bit and 5" casing scraper to 7718' - top of fill. Cleaned out to 7781'. Drilled on iron and bit stopped going. Pulled tubing out of well.
- 10-16 Rig and crew idle.
- 10-17 Pulled bit and casing scraper. Ran in hole with 4" wash pipe. Cleaned out and washed over wireline fish at 7795' to 7889'. Circulated for 60 minutes and pulled into 7" casing.
- 10-18 Ran to 7889'. Measured out of hole. Recovered 13.89' of wireline tools in wash pipe. Ran and set Johnston bridge plug at 7645' - tested with 2000 psi, lost 200 psi in 15 minutes. Ran Johnston retainer and set at 7580' - tested with 2300 psi, lost 50 psi in 20 minutes.

1977

10-19

Set retainer at 7570' and pressure tested to 7645' with 2100 psi for 15 minutes. Pressure tested surface to 7570' with 2000 psi, lost 75 psi in 5 minutes. Set retainer at 7545' and pressure tested surface to 7545' with 2000 psi. Located leak between 7570' and 7545'. Pulled out of well. Ran to 7640' with open-end tubing and spotted 3 sacks of sand. Pulled 4 stands - waited 30 minutes. Located sand at 7615'. Equalized 44 sacks of Class "G" cement with 75% CFR-2 and 2% HR7. Held 2500 psi for three hours and squeezed away 4 1/2" sacks of cement. Pulled tubing out and started in well with 6" bit and 7" casing scraper.

10-20

Finished going in hole with 6 1/8" bit and 7" casing scraper. Located top of cement at 7367'. Drilled out cement from 7367' to 7575'. Using Halliburton, tested leak at 7560' with 2100 psi for 20 minutes - O.K. Circulated brine-polymer drilling fluid out of well with fresh water treated with surface tension agent.

10-21

Pulled tubing out of well. Ran 7" Johnston retainer and tested casing, as follows:

<u>RETAINER</u>	<u>TESTED</u>	<u>PSI</u>	<u>TIME</u>
4700'	4700' to 7650'	2100	60 Minutes
4700'	Surface " 4700'	2300	" "
4300'	" " 4300'	2500	" "
3800'	" " 3800'	2700	" "
3400'	" " 3400'	2900	" "
2900'	" " 2900'	3100	" "
2400'	" " 2400'	3300	" "
1800'	" " 1800'	3500	" "
1200'	" " 1200'	4000	" "

10-22

Pulled Johnston retainer. Ran retrieving tool for bridge plug to 7560'. Circulated fresh water out of well with brine-polymer drilling fluid. Circulated out sand off bridge plug.

10-23

Rig and crew idle.

10-24

Released and retrieved Johnston 7" retrievable bridge plug from well. Using GO-International Wireline, set Otis 7" Permatrieve packer at 7550'. Made up Otis latch-type seal assembly on 10' blast joint, 1.79" NO-GO nipple, 20' blast joint, one joint of tubing and Otis gas lift mandrel. Started in well breaking off old tubing collars, cleaning pins, Baker sealing pins, and installing new J-55 collars and testing same with Hydrotect at 5000 psi for one inute each joint.

10-25

Continued running and testing tubing in well. Landed tubing in Otis packer. Spaced out and checked latch by pulling 25,000# over weight of tubing. Weight 40,000# + 25,000# = 65,000#. Set-down weight on packer when doughnut is in wellhead = 3000#.

1977

10-26

Installed back-pressure valve in doughnut. Removed B.O.P.E. Installed and tested Christmas tree and doughnut with 5000 psi. Displaced brine-polymer drilling fluid with lease salt water. Ran Otis blanking plug to 7540' and landed in 1.79" NO-GO nipple. Pressure tested Otis seal assembly and packer to 1500 psi for 20 minutes. RELEASED RIG (10-26-77).

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

Report on Operations

No. T 277-282

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

Santa Paula, Calif.
Oct. 17, 1977

DEAR SIR:

Operations at well No. "SF2U" MA-3, API No. 037-00693, Sec. 34, T. 3N, R. 16W,
S.B., B & M. Aliso Canyon Field, in Los Angeles County, were witnessed
on 10/13/77 by Mr. T. M. Callaway, representative of the supervisor was
present from 1300 to 1600. There were also present Ed Bradbury, consulting engr.

Present condition of well: No additions to the casing record since proposal dated
Oct. 17, 1977.

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

DECISION:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

b

M. G. MEFFERD

JOHN F. MATTHEWS, JR.
State Oil and Gas Supervisor

By John L. Hardoin Deputy
John L. Hardoin

REPORT ON PROPOSED OPERATIONS

Santa Paula, California

Oct. 17, 1977

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

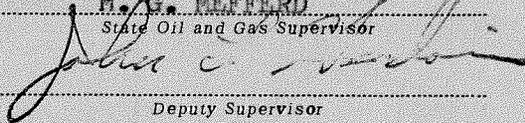
Your proposal to rework gas storage well "SFZU" MA-3
(Name and number)
A.P.I. No. 037-00693, Section 34, T. 3N, R. 16W
S.B.B. & M., Aliso Canyon field, Los Angeles County,
dated 10-11-77, received 10-13-77, has been examined in conjunction
with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
2. Blowout prevention equipment of at least DOG Class III, 5M, shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED TO WITNESS A PRESSURE TEST OF THE BLOWOUT PREVENTION EQUIPMENT BEFORE COMMENCING DOWNHOLE OPERATIONS.

NOTE: A COPY OF THIS APPROVAL SHALL BE AVAILABLE AT THE WELL SITE DURING THE PROPOSED OPERATIONS.

Blanket Bond
MD:b

M. G. MEFFERD
State Oil and Gas Supervisor
By 
Deputy Supervisor

John L. Hardoin

DIVISION OF OIL AND GAS
Notice of Intention to Rework Well

DIVISION OF OIL AND GAS
RECEIVED
OCT 13 1977
SANTA PAULA, CALIFORNIA

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

FOR DIVISION USE ONLY		
BOND	OGD114	OGD121
	BB	✓

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3. Public Resources Code, notice is hereby given that it is our intention to rework well No. MISSION ADRIAN #3, API No. _____, Sec. 34, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- Total depth. 7894'
- Complete casing record, including plugs and perforations:
 - 11 3/4" cemented 549'
 - 7" cemented 7800', WSO 7680'
 - 303' 5 1/2" cemented 7893', top 7590' - cemented plug 7875'
 - WSO on lap 7590'. Perforated 7705' - 7720', 7737'-7752'
 - 7759'-7782', 7786'-7791', 7809'-7817', 7851'-7857'
 - & 7863'-7868'.
- Present producing zone name Sesnon Zone in which well is to be recompleted --
- Present zone pressure 3650 psi New zone pressure --
- Last produced Gas Storage Well
 (Date) (Oil, B/D) (Water, B/D) (Gas, Mcf/D)

or

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

The proposed work is as follows:

- Move in & rig up. Kill well. Install B.O.P.E. & pressure test.
- Pull tubing and clean out to 7875'.
- Pressure test casing. Perform any remedial work indicated by pressure testing.
- Run packer & tubing with down hole safety system.
- Return well to gas storage operations.

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

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

Southern California Gas Company
 (Name of Operator)
 By F.A. Magruder, Jr. 10/1/77
 (Name) (Date)
 Type of Organization Corporation
 (Corporation, Partnership, Individual, etc.)

MISSION ADRIAN #3 - ALISO CANYON

Program to install new packer, down hole safety valve and pressure test casing.

TUBING WITHDRAWAL ONLY

Take all measurements from original derrick floor 10' above top of tubing head.

PRESENT CONDITIONS:

11 3/4" cemented 549'
7" cemented 7800', WSO 7680' (10 5/8" hole)
303' 5 1/2" cemented 7893', top 7590' (6 1/8" hole)
plug 7875', WSO on lap at 7590'
perforated 7705' - 7720', 7737' - 7752'
7759' - 7782', 7786' - 7791', 7809' - 7817'
7851' - 7857' and 7863' - 7868'

CASING DETAILS:

				100% Safety Factor	
				Burst	Collapse
7" D-33	26#	N-80		7240	5320
33' - 1385'	23#	N-80		6340	4300
1385' - 4995'	23#	J-55		4360	3290
4995' - 7419'	23#	N-80		6340	4300
7419' - 7800'	26#	N-80		7240	5320
5 1/2" 7893' - 7590'	17#	N-80		7740	5890

TUBING DETAIL:

2 7/8" EUE 8rd J-55 landed 7560'
Otis "SN" nipple 7565'
Brown Husky M-1 packer 7567'
Otis "X" nipple 7531'
Otis "X" nipple 7499'
Otis sliding sleeve 7467' (open)

PROGRAM

1. Move in and rig up. Pressure test well head seals to 5000 psi.
2. Kill well with 8 1/2#/cu. ft. brine polymer drilling fluid. Check bottom hole pressure before moving in rig. Volume of well 315 barrels.
3. Set back pressure valve in doughnut. Remove Christmas tree. Install class III 5000 psi B.O.P.E. Pressure test complete shutoff and pipe rams to 4000 psi using water and nitrogen. Also pressure test Hydril bag to 3000 psi using water and nitrogen. Use float valve.
4. Unseat packer, pull 2 7/8" tubing. Run 6 1/8" bit and casing scraper and clean out to 7590'. Run 4 5/8" bit and casing scraper. Clean out to 7875'.

5. Set bridge plug at 7650' and test with rig pump. Circulate polymer fluid out of well with fresh water treated with surface tension agent. Pressure test casing, using cement retainer and cement pump truck equipped with calibrated pressure chart and pressure gauge, as follows:
- | | | | |
|---------|----------|---------------|----------------|
| 4700 | to 7650' | with 2100 psi | for 60 minutes |
| Surface | " 4700' | " 2300 psi | " 60 " |
| " | " 4300' | " 2500 psi | " 60 " |
| " | " 3800' | " 2700 psi | " 60 " |
| " | " 3400' | " 2900 psi | " 60 " |
| " | " 2900' | " 3100 psi | " 60 " |
| " | " 2400' | " 3300 psi | " 60 " |
| " | " 1800' | " 3500 psi | " 60 " |
| " | " 1200' | " 4000 psi | " 60 " |
- Change to polymer fluid.
6. Perform any remedial work indicated by pressure testing. Recover bridge plug at 7650'.
7. Set Otis Permatrrieve packer near 7550. Run on wireline and use reference collars. Do not set in a collar.
8. Pick up tubing, change collars, clean pins, apply Baker Seal and hydrotest to 5000 psi. holding each test for one minute. Tubing to include:
- Otis production tube
 - Otis seals (4)
 - Otis latch-in locator
 - Otis 10' heavy wall tube
 - Otis 1.81" No-Go nipple with 2 7/8" threads
 - Otis 20' heavy wall tube
 - Otis tubing flow safety system
 - One joint 2 7/8" tubing
 - Otis gas lift mandrel
9. Land tubing on packer with up to a maximum of 10,000#. Pull 25,000# over weight of tubing to check latch.
10. Set back-pressure valve in doughnut. Remove B.O.P.E. and reinstall Christmas tree and pressure test to 5000 psi.
11. Circulate drilling fluid out of well with waste salt water. Set tubing plug in No-Go nipple. Pressure test seals and packer to 1500 psi. Pull tubing plug and release rig.

G. C. ABRAHAMSON
October 8, 1977

cc: Rig Supervisor B. Jones Well File
 Relief Rig Supervisor J. Melton Book Copy
 Contract Pusher (2) D. Justice Spare Copy
 Division of Oil & Gas ✓ M. Grijalva

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

REPORT OF CORRECTION OR CANCELLATION

Santa Paula, California

Aug. 13, 1976

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

In accordance with section 3203, Division 3, Chapter I of the California Public Resources Code

the following change pertaining to your well No. "SFZU" MA-3 (037-00693),
Sec. 34, T. 3N, R. 16W, S.B. B. & M., Aliso Canyon field,
Los Angeles County, District No. 2, is being made in our records:

The corrected location is _____

The corrected elevation is _____

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

Your notice to redrill dated 11-4-74,
(Drill, abandon, etc.)
and our report No. P 274-423, 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: Note: Notices of intention & approvals shall be considered cancelled if the proposed operations are not commenced within one year of receipt of the notice.

MAP	MAP BOOK	CARDS	BOOKS	FORMS
				114 127

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

By Julius L. Gordon
Deputy Supervisor

DIVISION OF OIL AND GAS

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

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

Los Angeles Calif. November 4 1974

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 MA 3
(Cross out unnecessary words)

Sec. 35, T. 3N, R. 16W, B. & M.

Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth. 7898'

2. Complete casing record, including plugs:

11-3/4" cemented at 549'.

7" cemented at 7800'

5-1/2" cemented from 7590'-7893'. Plugged back to 7875'.

Perforated 7715'-7720', 7737'-7752'.

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

The proposed work is as follows:

In order to convert to gas storage well, additional perforating is necessary to expose gas sands in the Sesnon Zone: 7703'-7875', at intervals.

MAP	MAP	CAPOT	BOUND	FORMS	
			BB	111	121
				✓	✓

720 West 8th St., Los Angeles
(Address)

Pacific Lighting Service Company
(Name of Operator)

(213) 360-2389
(Telephone No.)

By A.S. Maguadep

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 26, 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. 27, 28, 34, T.3 N., R.16 W., S.B. B. & M., Aliso Canyon field, Los Angeles County, District No. 1, has been received;

and in accordance with Section 3203, Public Resources Code, reading in part as follows:

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

the proposed change in designation is hereby authorized as follows: (formerly owned by Getty Oil Co.)

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 of Well Designation

<u>Old Designation:</u>	<u>New Designation:</u>
Sec. 27:	
"Fernando Fee" 32	"SFZU" FF-32 (037-00686)
"Porter" 12	" P-12 (037-00701)
" 30	" P-30 (037-00717)
" 31	" P-31 (037-00718)
" 32	" P-32 (037-00719)
" 36	" P-36 (037-00723)
" 37	" P-37 (037-00724)
" 45	" P-45 (037-00732)
Sec. 28:	
"Porter" 4	"SFZU" P-4 (037-00699)
" 25	" P-25 (037-00712)
" 26	" P-26 (037-00713)
" 34	" P-34 (037-00721)
" 35	" P-35 (037-00722)
" 38	" P-38 (037-00725)
" 39	" P-39 (037-00726)
" 40	" P-40 (037-00727)
" 41	" P-41 (037-00728)
" 42	" P-42 (037-00729)
" 43	" P-43 (037-00730)
" 44	" P-44 (037-00731)
" 46	" P-46 (037-00733)
" 47	" P-47 (037-00734)
"Porter-Sesnon" 42	" PS-42 (037-00753)
Sec. 34:	
"Fernando Fee" 31	"SFZU" FF-31 (037-00685)
" 33	" FF-33 (037-00687)
" 34	" FF-34 (037-00688)
" 35	" FF-35 (037-00689)
"Mission-Adrian Fee" 3	" MA-3 (037-00693)
" 4	" MA-4 (037-00694)
" 5	" MA-5 (037-00695)

DIVISION OF OIL AND GAS

RECEIVED
JUL 15 1955
LOS ANGELES, CALIFORNIA

WELL SUMMARY REPORT

Operator CARLTON BEAL, AGENT FOR OWNERS of the Field ALISO CANYON
MISSION-ADRIAN (OWNERS) Lease
 Well No. MISSION-ADRIAN #3 Sec. 34, T. 3N, R. 16W, S.B. B. & M.
 Elevation above sea level 2053 feet.
 Location 4337.5'S, 1829.4'E from Station All depth measurements taken from top of Kelly Bushing
84 which is 10 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 14, 1955

Signed A. K. Trobaugh

A. K. Trobaugh
(Engineer or Geologist)

(Superintendent)

Title Agent
(President, Secretary or Agent)

Commenced drilling Redrill #2 6-18-55 Completed Redrill #2 7-11-55 Drilling tools Cable Rotary
 Total depth 7894 Plugged depth 7875 GEOLOGICAL MARKERS DEPTH
 Junk None

Commenced producing 7-12-55 Flowing gas lift pumping
 (date) (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
PRODUCTION TESTS TO BE SUBMITTED AT A LATER DATE					

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
11-3/4	549	0	54#	New & Used	Smls	J-55	16"	320	-
7	7800	0	23 & 26#	New	Smls	N-80 & J-55	10-5/8"	200	7734
5-1/2	7893	7590	17	New	Smls	N-80	8-1/2" & 9"	100	-

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
5 1/2"	7737 ft.	7752 ft.	1/2" Jet Perfs		4-1/2"/Ft	McCullough Strip
	7738 ft.	7743 ft.	1/2" Jet Perfs		4-1/2"/Ft	Schlumberger Tubing Gun
	7738 ft.	7748 ft.	1/2" Open hole Jet		2-1/2"/Ft	Lane Wells
	7715 ft.	7720 ft.	1/2" Open hole Jet		2-1/2"/Ft	Lane Wells

Electrical Log Depths 7894' (Attach Copy of Log)

DIVISION OF OIL AND GAS

RECEIVED

JUL 15 1955

History of Oil or Gas Well

LOS ANGELES, CALIFORNIA

OPERATOR CARLTON BEAL, AGENT FOR OWNERS FIELD ALISO CANYON
MISSION ADRIAN (OWNERS)Well No. MISSION-ADRIAN #3, Sec. 34, T. 3N, R. 16W, S.B. B. & M.Signed H. H. ShepardDate July 14, 1955 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	
<u>1955</u>	For Condition of hole prior to redrill See D.O.G. Form 103 - 6/6/51
<u>6/15-</u> <u>16</u>	Moved in Camay Drilling Company Rotary & rigged up.
<u>6/17-</u> <u>18</u>	Killed well, rigged up blow out preventor, pulled tubing & made up 2-7/8" Reed I.F. 10.5# drill pipe.
<u>6/19</u>	Ran 6-1/8" bit and cleaned out to 7726'. Conditioned mud. With Halliburton "HRP" cement retainer set at 7581' cemented holes at 7680 & 7705' - 7720' with 100 sax of Colton Hi-Temp cement displaced with 209 cu. ft. of mud to final pressure of 3400 psi. Mixing time 5 minutes, displacing time 13 minutes, final time 5:26 PM. HOWCO Cementers using 1 pump truck.
<u>6/20</u>	After standing cemented for 12 hours found top of cement at 7644'. Drilled firm cement from 7644' to 7795'. Checked cement retainer at 7728'. Conditioned mud. Drilled firm cement from 7795 to 7802'. checked shoe of 7" casing at 7800'. Cleaned out open hole from 7802' to 7880'.
<u>6/21</u>	Ran Oliver 6-1/8" core barrel and cored 7880' to 7889'. CORE #1 7880 - 7889, cored 9' Recovered 4". 4" Conglomerate pebbles.
<u>6/22</u>	CORE #2 7889 - 7894, cored 5' Recovered 3' 6" Sandstone shell 2'6" Firm, medium to coarse grained silty grey sand. Faint odor, Fair cut.
	Ran Schlumberger electric log to 7894'. Log looked good so checked with Micro Log which showed all resistivity owing to shells.
	Ran Baker 9" Wallscraper and scraped 8-1/2" hole to 9" from 7800 to 7835' and from 7888' to 7894'. Conditioned mud.

DIVISION OF OIL AND GAS

17
JUL 15 1955

History of Oil or Gas Well

LOS ANGELES, CALIFORNIA

OPERATOR CARLTON BEAL, AGENT FOR ALISO CANYON
MISSION ADRIAN (OWNERS) FIELD

Well No. MISSION-ADRIAN #3, Sec. 34, T. 3N, R. 16W S.B. B. & M.

Signed H. L. Shepard
Title Agent

Date July 14, 1955 (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
1955

- 6/23 Ran 7 joints 303' of 5-1/2" OD. 17# N-80 LT&C 8R thd. New, Smls, Spang casing on 7590' of 2-7/8" D.P. and hung at 7893' with top of Burns Liner Hanger at 7590'.
- Cemented with 100 sax of Slo Colton cement, displaced with 180 cu. ft. of drilling mud. Pulled up 540, closed blow out preventer and squeezed to 3200 psi. Mixing time 6 min, displacing time 9 min, Final time 1:18 P.M. HOWCO cementers using 1 pump truck.
- 6/24 After standing cemented for 24 hours found top of cement at 7392'. Drilled firm cement from 7392' to 7590'. Ran HOWCO Hydrospring Tester on 2-7/8" D.P. and set packer at 7557' with tail to 7569'. Opened tester at 4:42 AM, 6/25/55 and had faint puff to dead in 3 minutes then dead for balance of 1 hour test. Pulled tester loose at 5:42 AM and recovered 15' of mud. Pressure bomb checked fluid entry & showed tester open throughout test.
- 6/25 Ran 4-3/4" bit with security casing scraper and drilled firm cement from 7590' to 7875'. Conditioned mud.
- 6/26 Layed down drill pipe. With McCullough Jets shot four 1/2" holes per foot from 7737' to 7752'. Ran 250 joints of 2-7/8 eu 6.5# tubing & landed at 7703' (KB) with Guiberson KV 30 Packer set at 7550' with 14,000# of weight.
- 6/27 Moved in C.P.S. swabbing unit and swabbed 55 bbl. of mud & muddy oil with fluid level at 7100'. Shut in at 6:00 PM.
- 6/28 SI TP 50 psi at 8:00 AM. Fluid level 3000' Swabbed 50 B/G 20 B/N in 7 hours. Lowered fluid level to 7200'. SI at 4:00 PM.
- 6/29 SI TP 150 psi Fluid level 3300' at 10:00 AM. With Schlumberger Super Jet tubing gun shot four 1/2" holes from 7738' to 7743'. Swabbed 42 B/G, 16 B/N in 4-1/2 hours. Shut in at 7:30 PM.

RECEIVED
JUL 14 1955
LOS ANGELES, CALIFORNIA

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR CARLTON BEAL, AGENT FOR FIELD ALISO CANYON
MISSION ADRIAN (OWNERS)

Well No. MISSION-ADRIAN #3, Sec. 34, T. 3N R. 16W S. B. B. & M.

Signed A. L. Shepard

Date July 14, 1955 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
1955

- 6/30 Shut in TP 190 psi. Fluid level 4000' @ 8:00 AM. Swabbed 32 B/G, 15 B/N in 3 hrs. Lowered fluid level to 6500'. Salinity of water 700 JPG.
- Pumped 62 Bbl of 30° gravity oil ahead of 40 Bbl. of Detoco mud acid displaced with 55 Bbl. of oil, estimated 8 Bbl. of acid to formation. Injection pressure 3000 psi at rate of one cu. ft. per minute. Swabbed back acid water and shut in at 7:30 PM. Fluid level 5200'.
- 7/1 Shut in TP 140 psi. Fluid level 2500' at 8:00 AM. Swabbed 35 bbl. of oil in 3 hours. Fluid level 6500'. Pumped 50 Bbl. of mud down tubing and pulled tubing. Ran Lane Wells open hole jet and could not get below 7740'.
- 7/2 Ran 4-3/4" Bit and cleaned out packer rubber and bridge from 7740' to 7755'. Ran Lane Wells open hole jet and perforated two 1/2" holes per foot from 7738 to 7748'.
- 7/3 With Lane Wells gun checked bridge at 7740. Ran 4-3/4" Bit and drilled out bridge from 7740' to 7744'. Ran 2-7/8" tubing & landed at 7752', packer at 7752' with 10,000# of weight. Pressure tested annulus with 500 psi. Swabbed 18 Bbl. of mud and tubing collapsed at 3157'.
- 7/4 Pulled tubing and replaced collapsed joint. Reran tubing to 7744', packer set at 7498 with 12,000# of weight. Pressure tested annulus to 500 psi.
- 7/5 Swabbed 72 Bbl. of oil cut mud in 6-1/2 hrs. 22 B/G, 12 B/N in 6 hrs. with fluid level at 6700'. SI at 3:00 PM.
- 7/6 TP 40 psi. Fluid level 4172' at 8:00 AM. Swabbed 32 B/G, 15 B/N in 6 hrs. with fluid level at 7500'.
- 7/7 Filled tubing with mud, pulled tubing, Ran 4-3/4" Bit and conditioned mud from 7875'.
- 7/8 Ran Lane Wells Neutron Log and Collar Locator from 7882' to 7450'. Shot two 1/2" holes per foot from 7715 - 7720'.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

RECEIVED
JUL 15 1955
LOS ANGELES, CALIFORNIA

OPERATOR CARLTON BEAL, AGENT FOR FIELD ALISO CANYON
MISSION ADRIAN (OWNERS)

Well No. MISSION-ADRIAN #3, Sec. 34, T. 3N, R. 16W S.B. B. & M.

Signed *A. L. Shepard*

Date July 14, 1955 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
1955

- 7/9 Landed tubing at 7768', packer set at 7497' with 14,000#. Tested annulus to 500 psi. Packer failed after swabbing 16 Bbl. Pulled tubing.
- 7/10 Ran tubing to 7770', packer set at 7556' with 12,000#. Tested casing to 1000 psi for 30 Min. Swabbed 47 Bbl. of mud with gas follow up. Tubing collapsed at 4441'.
- 7/11 Pulled tubing, replaced collapsed joint and removed packer. Ran 252 joints of tubing to 7758', flanged up Christmas tree and displaced mud with 300 Bbl. of 30° Gravity oil. Started swabbing at 4:00 PM. Swabbed 88 Bbl. in 4 hours. Shut in at 8:00 PM.
- 7/12 Shut in tubing pressure 150 C.P. 300. Opened well to tanks at 8:00 AM on 14/64. Reduced to 12/64 at 1:00 PM and to 6/64" at 5:00 PM

Date	B/G	B/N	Cut	Gravity	Gas M/O	GOR	TP	CP
7/13	184	184	4.4	25.0			360	1200

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

LOS ANGELES, CALIFORNIA

RECEIVED
JUL 15 1955

OPERATOR CARLTON BEAL, AGENT FOR ALISO CANYON
MISSION ADRIAN (OWNERS) FIELD

Well No. MISSION-ADRIAN #3, Sec. 34, T. 3N, R. 16W S.B. B. & M.

Date July 14, 1955, 19 Signed [Signature]
 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.

Date
1955

PRESENT CASING RECORD (KB)

11-3/4"	54#	C	549'
7"	23 & 26#	C	7800'
303' - 5-1/2"	17#	C	7893'

Perfs	7737 - 7752	- 4h/ft	McCullough
	7738 - 7743	- 4h/ft	Schlumberger
	7738 - 7748	- 2h/ft	Lane Wells
	7715 - 7720	- 2h/ft	Lane Wells

Total Depth	7894'
Plug	7875'

TUBING RECORD

252 Jts. 2-7/8" eu 6.5# L 7758'
 Pressure bomb Shoe on bottom

DIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONS

No. P 155-1076

Mr. Hugh L. Whepard
Route 3 Box 764
Saugus California

Los Angeles 15 Calif.
June 22 19 55

Agent for CARLTON BEAL, AGENT FOR OWNERS OF THE MISSION-ADRIAN LEASE

DEAR SIR:

Your proposal to deepen Well No. "Mission-Adrian" 3,
Section 34, T.3 N., R.16 W., S.B. B. & M., Aliso Canyon Field, Los Angeles County,
dated June 13 1955, received June 14 19 55, has been examined in conjunction with records filed in this office.

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

RECORDS IN ADDITION TO, OR AT VARIANCE WITH, THOSE SHOWN IN THE NOTICE
7" cem. 7800', c.p. 7734', four 1/2" holes 7680', W.S.O.

THE NOTICE STATES

"The present condition of the well is as follows:

1. Complete casing record.

1 1/4" 54# C 549'
7" 23#, 26# C 7800'

Perfs: 7705 - 7720 4h/ft
7705 - 7720 4h/ft (reperf.)
7772 - 7782 2h/ft

T.D. 7880
Plug 7725

2. Last produced Producing
(Date) 10 (Net Oil) 28 (Gravity) 2.0 (Cut)"

PROPOSAL

"The proposed work is as follows:

- Kill well with mud.
- Squeeze perfs closed with cement
- Drill out plug and retainer to 7800'.
- C. O. to 7880.
- Core 7680 - 7890 (approx.)
- Run E-log
- Run 5-1/2" liner from 7650 to T.D. and cement solid.
- Gun perforate interval 7850 - 7885."

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED TO WITNESS a 14 day production test, as provided for under the temporary court injunction covering wells in this field.

FEK:OH

c Carlton Beal, Agent for Owners of the
Mission-Adrian Lease
11699 Bellagio Road
LOS ANGELES 49
No. 554046 Dated 6-15-55.

E. H. MUSSER, State Oil and Gas Supervisor

By *R. W. Walling*, Deputy
FEK

RECEIVED

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

JUN 14 1955

DIVISION OF OIL AND GAS

LOS ANGELES, CALIFORNIA

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

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

Saugus Calif. June 13 19 55

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. Mission-Adrian #3
(Cross out unnecessary words)

Sec. 34, T. 3N, R. 16W, S.B. B. & M.
Aliso Canyon Field, Los Angeles County.

The present condition of the well is as follows:

- 1. Complete casing record.
 - 11-3/4" 54# C 549'
 - 7" 23#, 26# C 7800'
- Perfs: 7705 - 7720 4h/ft
7705 - 7720 4h/ft (reperf.)
7772 - 7782 2h/ft
- T.D. 7880
- Plug 7725

2. Last produced Producing 10 28 2.0
(Date) (Net Oil) (Gravity) (Cut)

The proposed work is as follows:

- Kill well with mud.
- Squeeze perfs closed with cement
- Drill out plug and retainer to 7800',
- C. O. to 7880.
- Core 7880 - 7890 (approx.)
- Run E-log
- Run 5-1/2" liner from 7650 to T.D. and cement solid.
- Gun perforate interval 7850 - 7885

Deepen

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
			554220 dated 6/15/55	ES	ES

owners of the Mission Adrian Lease
Carlton Beal - Agent for Mission Adrian Owners
(Name of Operator)

By *A.L. Shepard*
H. L. Shepard - Agent
Route 3, Box 78-A
Saugus, California

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



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

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

830 North La Brea Avenue
Inglewood 3, California

March 24, 1958

Mr. Richard M. Burns
Box "Y"
Los Nietos, California
Agent for TIDEWATER OIL CO.

DEAR SIR:

Your request dated March 17, 1958, relative to change in designation of well(s) in Sec. ³⁴35 and, 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:

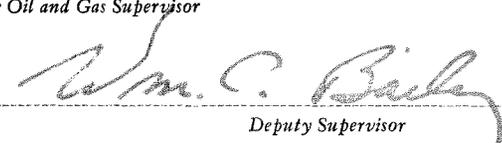
*** * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor."

the proposed change in designation is hereby authorized as follows:

Wells No. "Mission-Adrian" 1 to "Mission-Adrian" 5, inclusive, and "Mission-Adrian" 7, formerly owned by Carlton Beal, Agent for Owners of the Mission-Adrian Lease, will hereafter be known as your wells No. "Mission-Adrian Fee" 1 to "Mission-Adrian Fee" 5, inclusive, and "Mission-Adrian Fee" 7, respectively.

eb
CC- Mr. E. H. Musser
Prod. Dept.
Conservation Committee
Mr. F. W. Hertel
Company, Los Angeles

E. H. MUSSER
State Oil and Gas Supervisor

By 
Deputy Supervisor

H. L. SHEPARD & SONS
ROUTE 3, BOX 77 76-A
SAUGUS, CALIF.

TELEPHONE NEWHALL 290

1062

August 1, 1955

RECEIVED

AUG 2 1955

LOS ANGELES, CALIFORNIA

✓ State Division of Oil & Gas
1015 West Olympic Blvd.,
Los Angeles 15, California

Overton, Lyman, Prince & Vermille
733 Roosevelt Bldg.,
727 West Seventh Street, L.A. 17, California

B. F. Porter Estate
2 Pine Street, San Francisco 11, California

Standard Oil Company
P.O. Box 1309, Oxnard, California

Tidewater Associated Oil Company
P.O. Box "Y", Los Nietos, California

Mr. Everett S. Layman
220 Bush Street, San Francisco 4, California

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

Carlton Beal
130 Allen Bldg., Midland, Texas

Gentlemen,

Enclosed is a copy of the 14 day
production test on Carlton Beal, Agent for the
Mission-Adrian Owners, well, Mission-Adrian #3
in the Aliso Canyon Field.

Very truly yours,

H. L. SHEPARD & SONS

By Marian Shepard
Marian Shepard

MS:nbk

Encl.

8/2/55

Please file on well record
ES

AD-2 1955

LOS ANGELES, CALIFORNIA

FOURTEEN DAY
PRODUCTION TEST
July 17 - July 30, 1955

MISSION-ADRIAN #3
Aliso Canyon Field

<u>Production Day</u>	<u>Net Oil</u>	<u>Gas</u>	<u>Cut</u>	<u>Choke</u>	<u>GOR</u>	<u>Gravity</u>	<u>Tbg.</u>	<u>Csg.</u>
17	23	150	--	4/64	6450	26.0	1550	2300
18	22	146	--	"	6650	"	1575	"
19	19	130	--	"	8150	"	1600	"
20	13	115	--	"	8850	"	1600	"
21	14	104	--	"	7450	"	1500	"
22	20	94	--	"	4700	"	1450	"
23	13	61	--	"	4675	"	1375	"
24	12	55	--	"	4610	"	1370	2320
25	10	44	--	"	4400	"	1350	"
26	11	43	--	"	3870	"	1350	"
27	12	44	--	"	3930	"	1350	"
28	10	41	--	"	4100	"	1350	"
29	10	42	--	"	4200	"	1350	2300
30	10	40	--	"	4000	"	1350	"
TOTAL	199	1109		(Aver)	5573			

We intend to continue producing this well as long as the average GOR for any calendar month is below 4500.

H. L. SHEPARD & SONS

H. L. SHEPARD & SONS
ROUTE 3, BOX 76A
SAUGUS, CALIF.

TELEPHONE NEWHALL 490

1062

July 22, 1955

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

Attention: Mr. R. W. Walling
Deputy Oil & Gas Supervisor

Gentlemen:

This is in response to
request of your Mr. Kasline.

Please correct the signature
of our letter to you dated July 19, 1955,
regarding the testing of Mission Adrian
well #3, Aliso Canyon, to read: "Carlton
Beal, Agent for Mission Adrian Owners,
By H. L. Shepard, Agent".

Very truly yours,

H. L. SHEPARD & SONS

By 
Marian Shepard *msk*

MS:nbk

*7/26/55
Please make correction
to original letter.
ZEK*

*RECEIVED
JUL 25 1955
LOS ANGELES*

H. L. SHEPARD & SONS

TELEPHONE NEWHALL 290

1062

ROUTE 3
Box 76.A
SAUGUS, CALIFORNIA

July 19, 1955

RECEIVED

JUL 20 1955

LOS ANGELES, CALIFORNIA

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

Attention: Mr. R. W. Walling
Deputy Oil & Gas Supervisor

Gentlemen:

This is to advise you that it is our intention to test the productivity of MA #3, Mission Adrian Lease, Aliso Canyon, in accordance with procedures outlined in Order dated July 16, 1953. The test was begun on July 17, 1955. MA #3 was recently recompleted.

You are invited to witness the test if you so desire.

Very truly yours,

H. L. SHEPARD & SONS,
OPERATORS - MA LEASE

By Marlan Shepard
Marlan Shepard

MS:nbk

7816

* Carbon Print, Agent for Owners of the Mission-Adrian Lease, Aliso Canyon, California

12. 7. 7. 7x
v
1. 2.

H. L. SHEPARD & SONS

TELEPHONE NEWHALL 400

1062

ROUTE 3
BOX 76.A
SAUGUS, CALIFORNIA

July 19, 1955

Mr. Edmond G. Brown, Attorney General
600 State Building
Los Angeles 12, California

Attention: Mr. John S. Hassler
Deputy Attorney General

Gentlemen:

This is to advise you that it is our intention to test the productivity of MA #3, Mission Adrian Lease, Aliso Canyon, in accordance with procedures outlined in Order dated July 16, 1953. The test was begun on July 17, 1955. MA #3 was recently recompleted.

You are invited to witness the test if you so desire.

Very truly yours,

*(H. L. SHEPARD & SONS,
Operators - MA Lease)

*Carlton Beal, Agent for owners of the
Mission-Adrian Lease. - Corr. letter attached

By Marian Shepard FEK-eb
Marian Shepard - for H. L. Shepard, Agent 7-26-55

MS:nbk

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

District 1

Date June 29 1953

REPORT OF PROPERTY AND WELL TRANSFER

Former Owner: **Carlton Beal & Associates**

Description and list of wells: "Mission-Adrian" 1, "Mission-Adrian" 2, "Mission-Adrian" 3, "Mission-Adrian" 4, "Mission-Adrian" 5, Sec. 34, T. 3 N., R. 16 W., and "Mission-Adrian" 7, Sec. 35, T. 3 N., R. 16 W.

(Wells No. "Mission-Adrian" 1 and "Mission-Adrian" 7 are inactive; other wells are active)

Sec. 34 & 35 T. 3 N., R. 16 W., S.B. B. & M., Aliso Canyon field,

New Owner: **Carlton Beal, Agent for Owners of the Mission-Adrian Lease**; date acquired: **December 1, 1952**
Address: **11699 Bellagio Road, Los Angeles 49, California**

Request for designation of agent for Los Angeles County should be sent to:
Name: **Carlton Beal, Agent for Owners of the Mission-Adrian Lease**
Address: **(See above)**

Reported by: **Carlton Beal for both operators (Letters of May 20, June 1, 18, and 24, 1953)**
Confirmed by:

Type of organization: **Individual - DBA**
(Individual, partnership, corporation, etc.)

Our records are being changed accordingly.

Remarks: **The bond filed by Carlton Beal covering well No. "Mission-Adrian" 1 is not eligible for release as the well is uncompleted, idle, and the new operator has not filed a bond and created a liability.**
The bond filed by Carlton Beal & Associates covering well No. "Mission-Adrian" 7 is not eligible for release as the required records have not been filed. The new operator has informed us that he will file a rider to the bond for this well.

eb

CC- Mr R D Bush (2)
Prod. Dept. Cons. Committee

[Signature]
Deputy Supervisor

	INITIALS	DATE
Form 121		
New Well Cards		
Well Records		
Logs		
Production Reports		
Form 148		
Field Maps		
Map Book		

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

District 1

Date December 16 1952

REPORT OF PROPERTY AND WELL TRANSFER

Former Owner: Carlton Beal

Description and list of wells: "Mission-Adrian" 1, "Mission-Adrian" 2, "Mission-Adrian" 3, "Mission-Adrian" 4 and "Mission-Adrian" 5

Sec. 34 , T. 3 N. , R. 16 W. , S.B. B. & M. Aliso Canyon field,

New Owner: Carlton Beal & Associates ; date acquired: January 1, 1952
 Address: 11699 Bellagio Road, Los Angeles 49, California

Request for designation of agent for No County should be sent to:
 Name:
 Address:

Reported by: R. D. Carpenter for both operators (Letter of December 5, 1952)
 Confirmed by:

Type of organization: Partnership
 (Individual, partnership, corporation, etc.)

Our records are being changed accordingly.

Remarks: The bond filed by Carlton Beal covering well No. "Mission-Adrian" 1 is not eligible for release as the well is uncompleted, idle, and the new operator has not filed a bond and created a liability.

cc- Mr R D Bush (2)
M Cooley
Conservation Committee

E. H. Musser
 Deputy Supervisor

	INITIALS	DATE
Form 121		
New Well Cards		
Well Records		
Logs		
Production Reports		
<u>Form 148</u>		
<u>Field Maps</u>		
<u>Map Book</u>		

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

REPORT OF CORRECTION OR CANCELLATION

Los Angeles 15 California

April 30 19 52

Mr Carlton Beal
11699 Bellagio Road
Los Angeles 24 California

Dear Sir

In accordance with your letter dated April 16, 1952
(letter, form, etc.)
the following change pertaining to your well No. "Mission-Adrian" 3
Sec. 34, T. 3 N, R. 16 W, S B B. & M., Aliso Canyon field,
District No. 1, is being made in our records:

The corrected location is 109.60' South and 1041.06' East of the North-West
corner of Lot 5, Tract No. 10422

The corrected elevation is

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

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

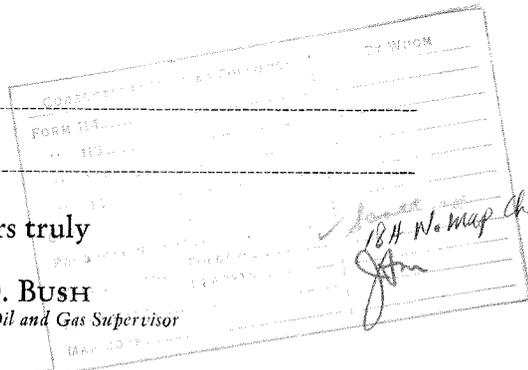
Other:

cc Mr R D Bush (2)
Mr Carlton Beal

es

Yours truly

R. D. BUSH
State Oil and Gas Supervisor



By S. H. Messer
Deputy Supervisor

January 19 1954

Mr Carlton Beal
Agent for Owners of the
Mission-Adrian Lease
11699 Bellagio Road
Los Angeles 49 California

FOLLOW-UP
2/2
2/16
3/2

Dear Mr Beal

Please refer to my letters of November 10 and December 16, 1953, regarding the operating name of Carlton Beal, Agent for Owners of the Mission-Adrian Lease, and your replies thereto.

We have just received the production report for the month of November 1953 signed "H. L. Shepard, Agent for Mission-Adrian Owners." Since we have not been advised by you, as provided in Section 3201 of the Public Resources Code, that there has been a change in the name of the operator, our records are still carried as shown in the first paragraph of this letter. If there has been no change, then corrected production reports should be filed at once under the correct name of the operator.

In connection with the appointment of Hugh L. Shepard as agent in Los Angeles County (your letter of December 23, 1953), I have been informed by Mr. R. D. Bush that the designation of agent form filed by you named Hugh L. Shepard as agent rather than H. L. Shepard.

If there has been a change in the operator, then the following information should be filed as required by Section 3201, which reads as follows:

"The owner or operator of any well shall notify the supervisor or the district deputy, in writing, in such form as the supervisor or the district deputy may direct, of the sale, assignment, transfer, conveyance, or exchange by the owner or operator of such well, and the land, owned or leased, upon which the well is located, within five days after such sale, assignment, transfer, conveyance, or exchange. The notice shall contain the following:

- "(a) The name and address of the person to whom such well was sold, assigned, transferred, conveyed, or exchanged.
- "(b) The name and location of the well.
- "(c) The date of the sale, assignment, transfer, conveyance or exchange.
- "(d) The date when possession was relinquished by the owner or operator.
- "(e) A description of the land upon which the well is situated."

Confirmation of the transfer, as provided by Section 3202 of the Public Resources Code, may be effected by endorsement of your letter by the new operator.

It will be appreciated if you will give this matter your immediate attention.

Very truly yours

R W WALLING
Deputy Supervisor

cc - Messrs R D Bush
H L Shepard

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAR 10 1951
LOS ANGELES, CALIFORNIA

WELL SUMMARY REPORT

MP3

Operator Carlton Beal Field Aliso Canyon

Well No. Mission-Adrian #3 Sec. 34, T. 3 N, R. 16 W, S.B. B. & M.
Elevation above sea level 2053' feet.

Location 4327.518, 1829.71'E from Station 84 All depth measurements taken from top of Kelly Bushing,
109.60' South and 1041.06' East of the North is Elev.: 10 feet above ground.
West corner of Lot 5, Tract 10422.

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

Date March 6, 1951 Signed Carlton Beal
A. K. Trobaugh (Engineer or Geologist) W. H. Sefton (Superintendent) Title Owner (President, Secretary or Agent)

Commenced drilling 12/6/50 Completed drilling 1/18/51 Drilling tools Cable Rotary

Total depth 7880' Plugged depth 7728' GEOLOGICAL MARKERS DEPTH
Junk Ts Top Sesnon Sand 7703'

Commenced producing 1/28/51 (date) Flowing Surface Pumping (cross out unnecessary words)

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production	891	22.70	2.1	368 (est.)	275	pkc.
Production after 30 days	301	23.8	1.7	No est.	650	pkc.

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
11 3/4"	549'	0	54#	New & Used	Smls	J-55	16"	320	-
7"	7800'	0	23 & 26#	New	Smls	J-80 & J-25	10 5/8"	200	7734'

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
7"	7734 ft.	7735 ft.	1/2" Jet perfs.	-	4-1/2"/ft.	Jet
7"	7679 ft.	7680 ft.	1/2" Gun perfs.	-	4-1/2"/ft.	Gun
7"	7705 ft.	7720 ft.	1/2" Jet perfs.	-	4-1/2"/ft.	Jet

DIVISION OF OIL AND GAS
RECEIVED
MAR 10 1951

DIVISION OF OIL AND GAS

History of Oil or Gas Well

LOS ANGELES, CALIFORNIA

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3 N, R. 16 W, S. B. B. & M.

Signed CARLTON BEAL

Date March 6, 1951 Title Owner
(President, Secretary or Agent)

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Date

LOCATION: 4337.5' South and 1829.4' East from Station 84

ELEVATION: Mat: 2053'
Derrick Floor: 2061'

A. PREPARING TO DRILL

1950

10/15 Surveyed location.

10/16-22 Idle.

10/23-11/27 Graded road and location and built derrick.

11/28 Relocated hole 12' South due to surveyor's error.

11/29 Skidded rig and poured new cellar.

11/30-12/5 Rigged rotary.

B. DRILLING TO 7880'

12/6 Spudded 10 5/8" hole and drilled to 245'. Stuck bit at 225'. Lost circulation. Mixed and pumped away 10 sacks strata-seal.

12/7 Lost 400 bbl mud in hole. Backed off above drill collars with partial circulation, and left 79' of fish in hole. Top of fish 144'. Ran 8 5/8" pipe and washed over fish to 244'. Ran drill pipe and screwed onto top of fish at 165' and recovered same. Hole clean to 245'. Drilled 10 5/8" hole from 245' to 556' with good circulation.

12/8 Reamed 10 5/8" hole to 16" from 0' to 553'. Conditioned mud.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3 N, R. 16 W, S. B. B. & M.

Signed CARLTON BEAL

Date March 6, 1951 Title Owner
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Date
1950

12/9 Cemented 11 3/4" 54# casing at 549' with 320 sacks Colton Construction cement displaced with 360 cu. ft. of mud. Calculated mud 365 cu. ft. Pressure jumped from 200 psi to 350 psi when plugshot. International Cementers. Time 4:56 a.m. Had 150 sacks returned.

12/10 Landed casing. Connected up Shaffer gates. Held 1500# 15 min. without loss. Installed Reagan Blow Out Preventer. Ran 10 5/8" bit on 5" drill pipe and found top of cement at 544' and cleaned out to 553'. Checked shoe of 11 3/4" at 549'. Drilled 10 5/8" hole from 554' to 970'.

12/11 Drilled 10 5/8" hole from 970' to 1352'. Lost circulation at 1095'. Lost approximately 120 bbl mud. Mixed 8 sacks Strata-seal. Regained circulation.

12/12-21 Drilled 10 5/8" hole from 1352' to 3217'. Twisted off while drilling at 3217' leaving 159' of drill collar, bit and 1355' of 4 1/2" drill pipe in hole. Top of fish 1703'.

12/22 Recovered fish with Bowen Socket and bumper sub. Drilled 10 5/8" hole 3217'-3591'.

12/23-25 Drilled 10 5/8" hole, 3591'-4713'. Lost circulation at 4580'. Lost approximately 450 bbl mud. Mixed 18 sacks Strata-seal; 38 sacks cotton seed hulls; 128 sacks WYO-Jel. Regained circulation.

12/26-31 Drilled 10 5/8" hole 4713'-6000'.

1951

1/1-15 Drilled 10 5/8" hole 6000'-7700'. Reduced to 8 1/2" hole. Drilled 8 1/2" hole 7700'-7770'.

1/16-17 Drilled 8 1/2" hole 7770'-7880'. Conditioned mud. Ran Schlumberger log and took 25 sidewall samples.

C. CEMENTED CASING AT 7800' AND W.S.O. TESTS

1/18 Reamed 8 1/2" hole to 10 5/8" from 7700'-7778'. Cemented 7" O.D. 23# & 26# casing at 7800', Range 3 S. and L. T. & C., 8 round thread, new seamless J-55 and N-80 Youngstown with 200 sacks of Slo Colton cement. Casing made up as follows:

TOC
7146 1/2

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3 N, R. 16 W, S. B. B. & M.

Signed CARLTON BEAL

Date MARCH 6, 1951 Title Owner
(President, Secretary or Agent)

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Date

1951

1/18 (cont.)	Length	Weight	Grade	Collars	Remarks
First	381.18	26#	N-80	L.T.& C.)	Baker down whirler float shoe
Next	2423.88	23#	N-80	L.T.& C.)	shoe on bottom with Baker
Next	3610.55	23#	J-55	S.T.& C.)	float collar 44.94' up.
Next	1351.31	23#	N-80	L.T.& C.)	Centralizers @ 7592', 7682'
Balance	40.02	26#	N-80	L.T.& C.)	7745', and 7780'. Scratchers
Total	7806.94 on hook				@ 7587', 7597', 7677', 7687',
	6.94 above Kelly Bushing				7740', 7750', 7778'.
	7800.00 cemented depth K. B.				

Displaced cement with 1716 cu.ft. of drilling mud, calculated mud 1713 cu.ft. Squeezed shoe last 33 cu.ft. in stages to final pressure of 1100 psi. Mixing time 11 minutes, displacing time 41 minutes, squeezing time 1 hr. and 59 minutes. Estimated 10 feet of cement left in pipe. Final time 10:14 a.m.

- 1/19 International Cementers Inc. laying down 4½" drill pipe.
- 1/20 Standing cemented, changed cellar connections.
- 1/21 Ran 6" bit and Baker casing scraper on Reed 3½" 13.3# I. F. drill pipe and found top of cement 7468' and alternate cement stringers to 7569'.
- 1/22 Cleaned out cement to 7760'. Ran McCullough collar locator, and checked top of cement at 7760'. Shot four 1/2" holes at 7734' with Perfo-jet. WNSO @ 7734-5' Ran McCullough tester on 3½" drill pipe. Set packer at 7723' with tail pipe to 7736' using 575 feet of water cushion. Open 5/16" bean at 11:17 P.M. Well made strong blow, gas to surface in 23 min., water cushion to surface in 28 min., oil to surface in 36 min.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3 N, R. 16 W, S. B. B. & M.

Signed CARLTON BEAL

Date March 6, 1951 Title Owner
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Date

1951

1/23

Flowed 38 bbl gross in one hour and 6 minutes. Pulled tester loose at 1:05 a.m. after standing open one hour and 40 minutes. Pressure bomb checked fluid entry, flow pressure 3450 psi. During one hour flow test well produced 35 bbl/hr gross fluid (840 B/D rate), average cut 46.5%, 17 bbl/hr net oil (408 B/D rate) maximum salinity 547 grains per gallon. C.P. at 7734' with 50 sacks. Ran Baker RT-8 retrievable retainer on 3 1/2" Reed I.F. and set packer at 7660'. Spotted 50 sacks Slo Colton cement with 244 cu.ft. of mud. Closed tool and squeezed with 89 cu.ft. of mud. Mixing time 3 minutes; displacing time 30 minutes; final pressure 2120 psi, bled to 1780 psi in 10 minutes. Estimated top cement at 7720'. Final time 3:05 p.m. International cementers Inc.

1/24

Ran 6" bit and Baker casing scraper on Reed 3 1/2" I.F. drill pipe and found top of cement stringers at 7547'. Clean out stringer to top of cement 7740'. W.N.S.O. @ 7734-5'. Ran McCullough tester on 3 1/2" Reed I. F. drill pipe with 575' of water cushion and set packer at 7716' with tail pipe to 7728'. Opened 5/16" bean at 9:58 p.m. Flowed 32 1/2 bbl gross in one hour and 8 minutes, (688 B/D rate), average cut 50.2%, 14 Bbl/hr net oil (336 B/D rate) maximum salinity 545 grains per gallon.

1/25

Re C.P. at 7732 with Baker Model "K" cement retainer set at 7732'. Squeezed 4 1/2" holes at 7734'-5' with 25 sacks of Slo Colton cement, 8 sacks squeezed to formation, mixing time two minutes, displacing 40 minutes. Final pressure 2300 psi. Final time 2:42 p.m. International Cementers Inc.

1/26

W.S.O. on Plug 7728' with Johnson shoot and tester on 3 1/2" I.F. drill pipe with 575' of water cushion and set packer at 7700' with tail pipe to 7722'. Open 3/8" bean at 11:35 p.m. and had medium puff then dead for balance of test. Pulled packer loose at 12:05 a.m. after standing open 30 minutes. W.S.O. at 7680' approved by D.O.G. Shot four 1/2" holes at 7680' with 575' water cushion and set packer at 7635' with tail pipe to 7658'. Opened 3/8" bean at 12:43 a.m. and had gas to surface in 25 minutes, water cushion to surface in 31 minutes, oil and gas to surface in 37 minutes. Pulled tester loose at 1:48 a.m. after standing open one hour and 5 minutes. Average cut 44%, maximum salinity 560 g.p.g.

1/27

Perforated from 7705' to 7720' with McCullough Perfo-jet, 4 holes/foot or 60 holes.

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3 N, R. 16 W, S. B. B. & M.

Signed CARLTON BEAL

Date March 6, 1951 Title Owner
(President, Secretary or Agent)

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Date

1951
1/28

Hung 7692' of 2 1/2" E.U. 6.5# tubing at 7704'. (Landing flange 11.25' below K.B.) Bottom joint equipped with pressure bomb shoe and Guiberson type K.V. packer set at 7580'. Hooked up Xmas tree. After pulling 6th swab, well started flowing at 4:30 p.m. Well completed flowing to tank at 37.5 bbl per hour rate, 32/64" bean, 275# tubing pressure.

24 hrs. Beginning 7 a.m.	Production, Bbl Gross	Net	Cut, %	Gravity	Bean	T.P.	Gas	G/O	Hours on
1/29	200	196	2.1	22.7	32/64"	275	-	-	4
					Shut in one hour				
					14/64"	450	-	-	8
1/30	294	292	0.5	22.8	14/64"	470	-	-	24
1/31	280	279	0.2	23.0	14/64"	475	115	411	24
2/1	281	280	0.3	23.2	14/64"	500	113	404	24

D. SIZE OF HOLE AND DRILL PIPE

Depth

0'-553' is 16" hole drilled with 5" 19.50# drill pipe.
553'-2061' is 10 5/8" hole drilled with 5" 19.50# drill pipe.
2061'-7800' is 10 5/8" hole drilled with 4 1/2" 16.50# drill pipe.
7800'-7880' is 8 1/2" hole drilled with 4 1/2" 16.50# drill pipe.

E. CASING RECORD

11 3/4" 54# C 549'
7" 23#, 26# C 7800'
CP 7730' - Gun Perf. 4 holes 7680' (WSO)
TD-7880' - Pg.-7728' (WSO)

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3 N, R. 16 W, S. B. B. & M.

Signed CARLTON BEAL

Date March 6, 1951 Title Owner
(President, Secretary or Agent)

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Date

F. TUBING RECORD

2 1/2" E.U. 6.5# hung 7704' incl.
12' Guiberson Type K. V. 30 packer
(Pressure bomb shoe on bottom)
(11.25' from K. B. to mat)

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL & GAS
RECEIVED
JUN 11 1951
LOS ANGELES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3N, R. 16W, S.B. B. & M.

Signed Carlton Beal
Carlton Beal

Date June 11, 1951 Title _____ Owner _____
(President, Secretary or Agent)

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Date
1951

4-7 Water broke into well and water cut increased from 4.0 per cent on 4/6 to 100 per cent on 4/7. Cumulative oil production to 4/7/51 was 17,950 barrels. When C.P. job failed at 7734' and water cut increased from 2.0% to 100% in 12 hours on 4/7/51, killed well with mud on 4/14/51.

4/15 to 5/25 Well dead

Condition of Hole Prior to Repair

Casing Record

11 3/4" 54# C 549'
7", 23#, 26# C 7800'
C.P. 7734', Gun Perf. 4 holes 7680' (WSO)
Jet perf. 7705'-7720' 4 h/ft. Mc Cullough
Total Depth 7880', Pg. 7728' (WSO)

Recemented 7" casing at 7772'

5/26 to 5/30 Moved in rotary and rigged up. K.L. Kellogg & Sons Contractors.

5/31 Pulled packer loose and layed down 2 1/2" tubing.

6/1 Picked up 3 1/2" IF, 13.3# drill pipe. Ran 6 1/8" bit with Security casing scraper and found top of plug at 7726'. Drilled out cement and retainer from 7726' to 7732'. Cleaned out to 7783'. Bottom plug checked for hardness with 10,000# and 900 psi pump pressure. Conditioned mud.

6/2 Shot two 1/2" holes per foot from 7782' to 7772'. Ran Halliburton D-M cement retainer on 3 1/2" IF 13.3# d.p. (6.6 bbl/1000') and set at 7736'. Broke circulation behind blank section from 7772' to 7734' with 2000 psi. Circulated at rate of 12 cu.ft./min. for 4 hours under average pressure of 750 psi.

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

DIVISION OF OIL & GAS
RECEIVED
JUN 11 1951

LOS ANGELES

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3N, R. 16W, S.B. B. & M.

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Carlton Beal

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Date

1951

6/3

Pumped in 50 sax Slo Colton cement with 12 1/2 sax Pearlite (mixed 1 to 1 ratio), average slurry weight 90#/cu. ft. Total volume of slurry 98 cu. ft. (92 sax). Displaced with 312 cu. ft. of drilling mud. Closed blow out preventers and squeezed last 52 cu. ft. Left 10 cu. ft. (240 lineal feet) of cement in d.p. Final pressure 2500 psi. Pulled loose from D-M retainer with vacuum on d.p. Mixing time 8 min., displacing time 21 min., final time 3:54 A.M. 6/3/51. Halliburton Cementers.

6/4

Made up 2 7/8" E.U. tubing. Standing cemented. After standing cemented for 32 hrs., ran 6 1/8" bit with Security casing scraper and found top of hard cement at 7598' (total cement in pipe 33 sax, squeezed away 59 sax). Drilled out hard cement from 7598' to 7725'. Tested plug with 10,000# and 1500 psi pump pressure.

6/5

Conditioned mud. With McCullough Jet Gun reperforated 7" casing with four 1/2" holes per ft. from 7705' to 7720'. Ran 7702' of 2 7/8" E.U., 6.5#, J-55, seamless new tubing with pressure bomb shoe on bottom and landed at 7713' (K.B.). Guiberson KV-30 production (circulation type) packer set at 7613'.

6/6

Swabbed well on production at 1:55 A.M. 6/6/51. Well flowed 114 B/9 hrs., 304 B/D rate to 7:00 A.M. 6/7/51.

Beginning 7 A.M.	Production, Gross	Bbl Net	Cut,%	Gravity	Bean	T.P.	Gas	G/O	Hours on
6/7	315	308	2.2	24.4	14/64"	520	-	-	24
6/8	304	300	1.2	24.7	14/64"	530	-	-	24

PRESENT CASING RECORD (From K.B.)

11 3/4" 54# C 549'
7", 23# & 26# C 7800'
Gun perf. 4 holes 7680' (WSO)
CP 7734' (WNSO)
CP 7772' (WSO)
Perf. 7705-7720 4 h/ft.
Reperf. 7705-7720 4 h/ft.
Perf. 7772-7782 2 h/ft.
Total Depth 7880'
Plug 7725'

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

RECEIVED
LOS ANGELES

OPERATOR Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3, Sec. 34, T. 3N, R. 16W, S.B. B. & M.

Signed [Signature]
Carlton Beal

Date June 11, 1951 Title Owner
(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
1951

TUBING RECORD

2 1/2" E.U., 6.5# hung 7713' (K.B.)
including 8.24' Guiberson KV-30 circulating
type packer at 7613' and pressure bomb shoe
on bottom.
(K.B. to tubing head 11.5')

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL & GAS
RECEIVED
AUG 2 1951
LOS ANGELES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon
Well No. Mission-Adrian #3, Sec. 34, T. 3 N, R. 16 W S.B. B. & M.
Signed *Carlton Beal*
CARLTON BEAL
Date July 9, 1951 Title Owner
(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
1951

4/7 Water broke into well and water cut increased from 4.0 per cent on 4/6 to 100 per cent on 4/7. Cumulative oil production to 4/7/51 was 17,950 barrels, when G.P. job failed at 7734' and water cut increased from 2.0% to 100% in 12 hours on 4/7/51. Killed well with mud on 4/14/51.

4/15-5/25 Well dead.

CONDITION OF HOLE PRIOR TO REPAIR

CASING RECORD

11 3/4" 54# G 549'
7" 23,26# G 7800'

GP 7734' - Gun Perf. 4 holes 7680' (WSO)
Jet Perf. 7705-7720' 4h/ft McCullough
Total Depth 7880'
Plug 7728' (WSO)

Recemented 7" casing at 7772'

5/26 to 5/30 Moved in rotary and rigged up. K. L. Kellogg & Sons Contractors.

5/31 Pulled packer loose and layed down 2 1/2" tubing.

6/1 Picked up 3 1/2" IF, 13.3# drill pipe. Ran 6 1/8" bit with Security Casing Scraper and found top of plug at 7726'. Drilled out cement and retainer from 7726' to 7732', and cleaned out to 7783'. Bottom plug checked for hardness with 10,000# and 900 psi pump pressure. Conditioned mud.

6/2 Shot two 1/2" holes per foot from 7782' to 7772'. Ran Halliburton D-M cement retainer on 3 1/2" IF 13.3# D.P. (6.6 bbl/1000') and set at 7736'. Broke circulation behind blank section from 7772'-7734' with 2000 psi. Circulated at rate of 12 cu.ft./min. for 4 hours under average pressure of 750 psi.

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR Carlton Beal FIELD Aliso Canyon
Well No. Mission-Adrian #3, Cont'd, Sec. 34, T. 3 N, R. 16 W, S.B. B. & M.
Signed CARLTON BEAL
Date July 9, 1951 Title Owner
(President, Secretary or Agent)

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Date

1951

6/3

Pumped in 50 sax Slo Colton cement with 12 1/2 sax Pearlite (mixed 1 to 1 ratio), average slurry weight 90#/cu.ft. Total volume of slurry 98 cu.ft. (92 sax). Displaced with 312 cu.ft. of drilling mud. Closed blow out preventers and squeezed last 52 cu.ft. Left 10 cu.ft. (240 lineal feet) of cement in d.p. Final pressure 2500 psi. Pulled loose from D-M retainer with vacuum on d.p. Mixing time 8 min; displacing time 21 min.; final time 3:54 A.M. 6/3/51.

6/4/51

Made up 2 7/8" E.U. tubing. Standing cemented. After standing cemented for 32 hrs., ran 6 1/8" bit with Security Casing Scraper and found top of hard cement at 7598' (total cement in pipe 33 sax, squeezed away 59 sax). Drilled out hard cement from 7598' to 7725'. Tested plug with 10,000# and 1500 psi pump pressure.

6/5

Conditioned mud. With McCullough Jet Gun reperforated 7" casing with four 1/2" holes/ft. from 7705' to 7720'. Ran 7702' of 2 7/8" E.U., 6.5#, J-55, seamless new tubing with pressure bomb shoe on bottom and landed at 7713' (K.B.). Gulberson KV-30 production (circulation type) packer set at 7613'.

6/6

Swabbed well on production at 1.55 A.M. 6/6/51. Well flowed 1 1/4 B/9 hrs., 30 1/4 B/D rate to 7:00 A.M. 6/7/51.

2 1/2 hrs.									
Beginning	Production Bbl		Cut, %	Gravity	Bean	T.P.	Gas	G/O	Hours on
7 A.M.	Gross	Net							
6/7	315	308	2.2	24.4	1 1/4/6 1/4	520	-	-	2 1/2
6/8	30 1/4	300	1.2	24.7	1 1/4/6 1/4	530	-	-	2 1/2

PRESENT CASING RECORD (From K.B.)

11 3/4" 5 1/2# C 549'
7" 23# & 26# C 7800'
Gun perf. 4 holes 7680' (WSO)
CP 7734' (WNSO)
CP 7772' (WSO)
Perf. 7705-7720 4h/ft.
Reperf. 7705-7720 4h/ft.
Perf. 7772-7782 2h/ft.
Total Depth 7880'
Plug 7725'

SUBMIT IN DUPLICATE
STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR..... Carlton Beal FIELD Aliso Canyon

Well No. Mission-Adrian #3 , Sec. 34 , T. 3N , R. 16 W , S.B.B. & M.

Signed.....
CARLTON BEAL

Date July 9, 1951 Title Owner
(President, Secretary or Agent)

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Date

1951

TUBING RECORD

2 1/2" E.U., 6.5# hung 7713' (K.B.)
including 8.24' Guiberson KV-30 circulating
type packer at 7613' and pressure bomb shoe
on bottom.
(K.B. to tubing head 11.5')

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Carlton Beal Field Aliso Canyon
Well No. Mission-Adrian #3 Sec. 34, T. 3 N, R. 16 W, S. B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0'	76'	-	Drilled	-	Surface sand and clay
76'	336'	-	"	-	Sand and shale
336'	556'	-	"	-	Shale
556'	819'	-	"	-	Sand and shale
819'	892'	-	"	-	Hard Sand
892'	1073'	-	"	-	Hard sand and shale
1073'	1844'	-	"	-	Sand and shale
1844'	1916'	-	"	-	Shale
1916'	2061'	-	"	-	Hard sand and shale
2061'	2125'	-	"	-	Hard shale
2125'	2161'	-	"	-	Blue shale
2161'	2218'	-	"	-	Sand with streaks shale
2218'	2279'	-	"	-	Sand and shale
2279'	2305'	-	"	-	Hard sandy shale
2305'	2401'	-	"	-	Sand and shale
2401'	2461'	-	"	-	Hard sand and shale
2461'	2507'	-	"	-	Sandy shale
2507'	2567'	-	"	-	Shale
2567'	2888'	-	"	-	Hard sand and shale
2888'	2985'	-	"	-	Sand and shale
2985'	3100'	-	"	-	Shale
3100'	3591'	-	"	-	Sand and shale
3591'	3842'	-	"	-	Shale with streaks sand
3842'	4192'	-	"	-	Sandy shale
4192'	4239'	-	"	-	Sand and shale
4239'	4713'	-	"	-	Sandy shale
4713'	4790'	-	"	-	Hard sand
4790'	4839'	-	"	-	Hard sand and shale
4839'	4970'	-	"	-	Hard sand
4970'	5167'	-	"	-	Hard sand and shale
5167'	6079'	-	"	-	Sand and shale
6079'	6097'	-	"	-	Hard sandy shale
6097'	6113'	-	"	-	Sandy shale
6113'	6179'	-	"	-	Hard sand and shale
6179'	6183'	-	"	-	Hard shale
6183'	6474'	-	"	-	Hard sandy shale
6474'	6868'	-	"	-	Hard sand and shale
6868'	6980'	-	"	-	Hard sand
6980'	7158'	-	"	-	Hard sandy shale
7158'	7181'	-	"	-	Sandy shale
7181'	7365'	-	"	-	Hard sandy shale

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Carlton Beal Field Aliso Canyon
Well No. Mission-Adrian #3 Sec. 34, T. 3 N, R. 16 W, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
7365'	7468'	-	Drilled	-	Hard sand
7468'	7565'	-	"	-	Hard sandy shale
7565'	7599'	-	"	-	Hard sand
7599'	7702'	-	"	-	Shale with streaks oil sand
7702'	7730'	-	"	-	Rich oil sand
7730'	7775'	-	"	-	Oil sand, may be wet
7775'	7880'	-	"	-	Gray sand, streaks of siltstone
<u>SCHLUMBERGER SIDEWALL SAMPLES</u>					
<u>Sample No.</u>	<u>Depth</u>				
1	1465'				Brown shale
2	1530'				Oily Brown shale
3	4111'				Soft coarse gray sand
4	4210'				" " " "
5	4245'				" " " "
6	4285'				" " " "
7	5140'				" " " "
8	7296'				" " " "
9	7318'				No recovery
10	7320'				" "
11	7725'				Silty oil sand. Good gasoline odor.
12	7729'				" " " " " "
13	7733'				" " " " " "
14	7735'				" " " " " "
15	7758'				Oil sand. Good odor.
16	7770'				Coarse grayish oil sand. Looks wet.
17	7778'				Silty oil sand. Looks wet.
18	7779'				No recovery
19	7783'				" "
20	7802'				" "
21	7804'				" "
22	7808'				Wet gray sand
23	7848'				Grayish oil sand (?)
24	7868'				Gray sand. Looks wet.
25	7878'				No recovery

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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

No. T 1-52392

Los Angeles 15, Calif. February 13, 1951

Mr. Carlton Beal
Los Angeles 24, Calif.Agent for ~~xxxxxxx~~ CARLTON BEAL

DEAR SIR:

Your well No. "Mission-Adrian" 3, Sec. 34, 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 26, 1951. Mr. J. F. Foster, Inspector, designated by the supervisor,
was present as prescribed in Secs. 3222 and 3223, Ch. 93, Stat. 1939; there were also present

A. K. Trobaugh, Engineer; H. F. Johnston, Drilling Foreman.

Shut-off data: 7 in. 26 & 23 lb. casing was cemented through perforations at 7734 ft.
on January 25, 1951 in 10-5/8 in. hole with 25 sacks of cement
xxxx of which xxx sacks was left in casing.

Casing record of well: 11-3/4" cem. 549'; 7" cem. 7800'; c.p. 7734'; four 1/2" test holes
7680', W. S. O.

Present depth 7880 ft. Bridged with cement from 7880 ft. to 7740 ft. Cleaned out to 7740 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 gun and tester was run into the hole on 4-1/2 in. drill pipe ~~with~~
with 570 ft. of water ~~and~~ cushion, and packer set at 7635 ft. with tailpiece to 7665 ft.
Tester valve, with 3/8 in. bean, was opened at 12:43 a.m. and remained
open for 2 hr. and 05 min. During this interval there was a strong, steady, blow for 31
min., and the well flowed water cushion, gas, and oil for the balance of the test.

THE INSPECTOR ARRIVED AT THE WELL AT 6:00 A. M. AND MR. TROBAUGH REPORTED:

1. A 10-5/8" rotary hole was drilled from 2030' to 7880'.
2. On January 19, 1951, 7", 26 and 23 lb. casing was cemented at 7800' with 200 sacks of cement.
3. Cement was drilled out of the 7" casing from 7468'-7758' (equivalent to 53 sacks), and the hole was cleaned out to 7758'.
4. The 7" casing was shot-perforated with four 1/2" holes at 7734' and tested wet.
5. A Baker model R cement retainer was set at 7730'.
6. On January 23, 1951, the 7" casing was recemented through perforations at 7734' with 50 sacks of cement of which 17 sacks was squeezed away under a final pressure of 2120 lb.
7. Cement was drilled out of the 7" casing from 7547'-7725' (equivalent to 33 sacks), and the hole was cleaned out to 7740'.
8. The perforations at 7734' were retested and found wet.
9. A Baker model R cement retainer was set at 7732'.
10. On January 25, 1951, the 7" casing was recemented through perforations at 7734' with 25 sacks of cement of which 8 sacks was squeezed away under a final pressure of 2300 lb. and the remainder was backscuttled.
11. The 7" casing was shot-perforated with four 1/2" holes at 7680' and the test was made as noted above.

THE INSPECTOR NOTED:

1. When the drill pipe was removed, 7650' (net) of fluid, of which 6750' was oil, and the balance was oil emulsion and salt water, was found in the drill pipe above the tester
 2. Water filtered from fluid samples taken from 750' above the bottom of the drill pipe and at the tool tested 550 grains of salt per gallon.
 3. The recording pressure bomb chart showed that the tester valve was open 2 hr. and 5 min.
- The test was completed at 11:00 a.m.

THE WATER SHUT-OFF ABOVE THE PERFORATIONS AT 7680' IS APPROVED.

JFF:OH

cc- Mr. Carlton Beal

R. D. BUSH, State Oil and Gas Supervisor

By E. Z. Mueser, Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 1-52216

Los Angeles 15, Calif. December 29, 19 50

Mr. Carlton Beal
Los Angeles 24, Calif.

Agent for CARLTON BEAL

DEAR SIR:

Operations at your well No. "Mission-Adrian" 3 Sec. 34, T. 3 N., R. 16 W., S.B. B. & M.,
Aliso Canyon Field, in Los Angeles County, were witnessed by
Paul Betts, Inspector, representative of the supervisor,
on December 14, 19 50. There was also present H. F. Johnston, Drilling Foreman;
E. W. Jackson, Driller.

Casing Record 11-3/4" cem. 549'. T.D. 2030'. Junk

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

The inspector arrived at the well at 2:00 p.m. and Mr. Johnston reported:

1. A 16" rotary hole was drilled from the surface to 549'.
2. On December 9, 1950, 11-3/4", 54 lb. casing was cemented at 549' with 320 sacks of cem.
3. Cement returned to the surface.
4. A 10-5/8" rotary hole was drilled from 555' to 2030'.

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

1. A Shaffer controls gate for closing in the well with the drill pipe out of the hole.
2. A Regan blowout preventer for closing around the 5" drill pipe.
3. The controls for the above equipment were located outside the derrick.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 11-3/4" casing below the above equipment.

The inspection was completed at 2:15 p.m.

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

PWB:OH

cc- Mr. Carlton Beal

R. D. BUSH
State Oil and Gas Supervisor

By *E. W. Jackson* Deputy

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

No. P 1-49234

Los Angeles 15, Calif. December 19, 1950

Mr. Carlton Beal

Los Angeles 24, Calif.

Agent for CARLTON BEAL

DEAR SIR:

"Mission-Adrian"

Your proposal to drill Well No. 3

Section 34, T. 3 N., R. 16 W., S.B. B. & M., Aliso Canyon Field, Los Angeles County,

dated Nov. 27, 1950, received Dec. 11, 1950, 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 ~~4337.5 feet S. and 1829.4 feet E. from Station 84~~

Elevation of ground above sea level 2053 feet.

All depth measurements taken from Derrick Floor, which is 8.5 feet above ground.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 8000 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
11 3/4	54#	J-55	560	C
7	23#-26#	J-55 - N-80	8000	C

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

* 109.60' South and 1041.06' East of the North-West corner of Lot 5, Tract No. 10422.

ERMA:OH

S/B
cc- Mr. Carlton Beal

R. D. BUSH

State Oil and Gas Supervisor

By E. H. Musser Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
DEC 11 1950
LOS ANGELES

037-00693

Notice of Intention to Drill New Well

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

Los Angeles, Calif. November 27, 1950

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. "Mission-Adrian" #3, Sec. 34, T. 3N, R. 16W, S. B. B. & M., Aliso Canyon Field, Los Angeles County.

Legal description of lease Attached
The well is 109.60' South and 1041.06' East of the North-West corner of Lot 5, Tract No. 10422, (Cor. let. 4-30-52 es; let. 1-27-55 feet N. or S., and 1829.1 feet E. or W. from Station 31) (Give location in distance from section corners or other corners of legal subdivision) filed on CARLTON BEAL "Mission-Adrian" #1.

Elevation of ground above sea level 2053 feet.
All depth measurements taken from top of Derrick Floor, which is 8.5 feet above ground.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 8000 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
11 3/4	54#	J-55	560	C
7	23#-26#	J-55 - N-80	8000	C

Well is to be drilled with rotary cable tools.

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

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
18A JLW	JLW	52	469412		56

Address 11699 Bellagio Road

Carlton Beal
(Name of Operator)

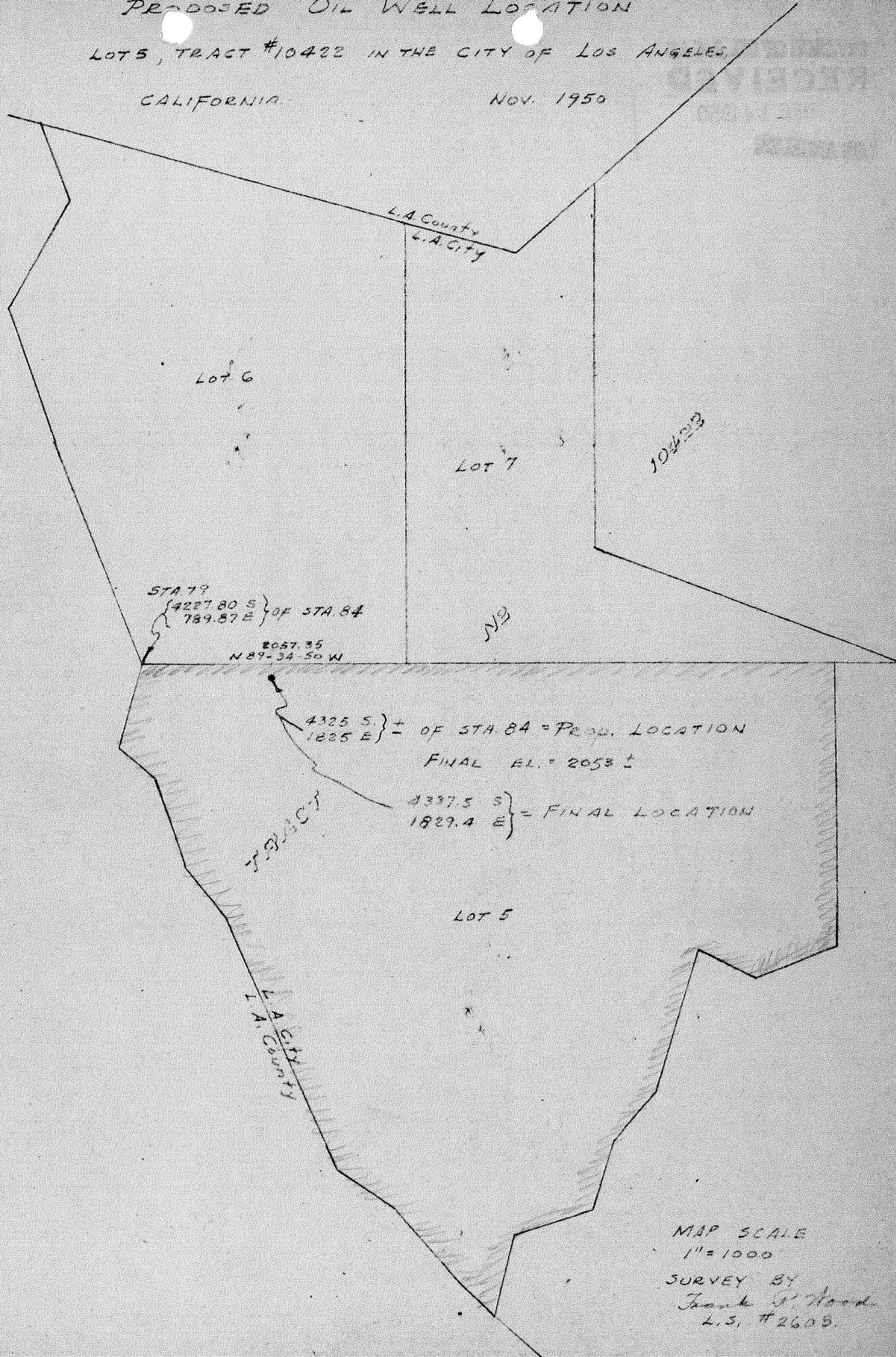
Telephone number Ar 74294 or Br 26073

By [Signature]

PROPOSED OIL WELL LOCATION
LOT 5, TRACT #10422 IN THE CITY OF LOS ANGELES

CALIFORNIA

NOV. 1950



MAP SCALE
1" = 1000
SURVEY BY
Frank P. Wood
L.S. #2608