

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINES AND MINING

DEPARTMENT OF PETROLEUM AND GAS

Special Report on Operations Witnessed

No. T -1-17135

Los Angeles

Cal. March 27

192 9

Mr. L. B. Little

Whittier Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA Company

DEAR SIR:

Operations at your well No. "SAN GABRIEL" 20 Section 11, T. 5 S, R. 12 W, S.E. B. & M.,

Seal Beach Oil Field, in Los Angeles County, were witnessed by

V. Austin, representative of the supervisor,

on March 25, 192 9. There were also present W. Eardley, Engineer and A. Waelder, Driller

Casing Record 18" S.P. cem. 567'.

The operations were performed for the purpose of demonstrating that the formations between 567' and 4928' were mudded until the loss was not more than 5.0 bbl. per hr.

and the data and conclusions are as follows:

MR. EARDLEY REPORTED THE FOLLOWING:

1. A 15 1/4" rotary hole was drilled from 567' to 4944'.
2. Mud fluid was circulated for 8 hr. prior to the test.
3. No record was kept of the loss of mud fluid prior to the test.
4. The drill pipe was hanging at 4940' during the test.
5. Cores were taken from the following important depths:
 - 4890-4892' - shell
 - 4892-4928' - shale and thin streaks of oil sand
 - 4928-4934' - oil sand
 - 4934-4944' - hard sandy shale and thin streaks of oil sand.

THE INSPECTOR NOTED THAT during a circulation test from 3 p.m. to 3:30 p.m. mud fluid was lost from the pit at the rate of 6.5 bbl. per hr.

THE MUDDING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED providing that a column of mud fluid be maintained to the surface back of the 11" casing for 30 days after cementing same.

Oral approval given to cement 11 1/4" casing at 4928' is hereby confirmed.

cc--J. M. Atwell
G. L. Andrews
Huntington Beach

R. D. BUSH
State Oil and Gas Supervisor

By *E. Augustus* Deputy

VA:ML
cc

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINES AND MINING

DEPARTMENT OF PETROLEUM AND GAS

Report on Proposed Operations

No. P -1-19066

Los Angeles Cal. January 30 1929

Mr. L. B. Little

Whittier Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA ~~Company~~

DEAR SIR:

Your proposal to drill Well No. "SAN GABRIEL" 20, Section 11, T.5 S., R. 12 W., S.B. B. & M., Seal Beach Oil Field, Los Angeles County, dated Jan. 25 1929, received Jan. 29 1929, 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 938 feet S. and 416.7 feet E. from N.W. Corner Sec. 11-5-12. The elevation of the derrick floor above sea level is 9.6 feet U.S.G.S. We estimate that the first productive oil or gas sand should be encountered at a depth of about 4950 feet, more or less."

PROPOSAL:

"We propose to use the following strings of casing either cementing or landing them as here indicated: (Confirming conversation Copley and Huguenin)

Size of Casing	Weight	New or Second Hand	Depth	Landed or Cemented
18"	Stovepipe	New	750	Cemented
11 3/4"	60	"	4950	"
9"	45	"	5350	Landed inc. 200' perf.

and cemented thru perforations at 5150'.

The exact depth for effecting water shut-offs and the completion depth to be determined by coring. Your Dept. will be notified to witness test of W.S.O. on 11 3/4" and for a flow test on 9" casings. Also for mudding tests prior to landing 11 3/4" and 9" casings. 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 sufficient cement shall be used to fill back of the 11 3/4" casing to reach at least 4460'.

cc-J.M. Atwell
G.L. Andrews
Long Beach

SGD:BB

EH

R. D. BUSH

State Oil and Gas Supervisor

By *E. Augustini* Deputy

037-08535

DIVISION OF MINES & MINING
RECEIVED
JAN 2 1929
Department of Petroleum and Gas
LOS ANGELES, CALIFORNIA

CALIFORNIA STATE MINING BUREAU
DEPARTMENT OF PETROLEUM AND GAS

NOTICE OF INTENTION TO DRILL NEW WELL

THIS NOTICE MUST BE GIVEN BEFORE DRILLING BEGINS

CHEVRON U.S.A. INC.

Whittier

California Jan. 25, 1929

Mr. E. Huguenin

Deputy State Oil and Gas Supervisor

Los Angeles

California

DEAR SIR:

"SAN GABRIEL" 20

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well number 20 Section 11 T5-S R12-W, SB. B. & M., Seal Beach Oil Field, Los Angeles County.

The well is 938 feet ~~XX~~ or S., and 416.7 feet E. or ~~XX~~ from N.W. Corn. Sec. 11, 5-12
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 9.6 feet U.S.G.S.

We propose to use the following strings of casing, either cementing or landing them as here indicated:
(Confirming conversation Copley and Huguenin)

Size of Casing, Inches	Weight, Lb. Per Foot	New or Second Hand	Depth	Landed or Cemented
18"	Stove Pipe	New	750'	Cemented
11-3/4"	60#	"	4950'	"
9"	45#	"	5350'	Landed inc. 200'

perforated, and cemented thru perforations at 5150'.

The exact depth for effecting water shut-offs and the completion depth to be determined by coring. Your Dep't. will be notified to witness test of W.S.O. on 11-3/4" and for a flow test on 9" casings. Also for mudding tests prior to landing 11-3/4" and 9" casings.

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

We estimate that the first productive oil or gas sand should be encountered at a depth of about 4950 feet, more or less.

Respectfully yours,

APPROVED: *[Signature]*
Division Superintendent.

Standard Oil Co. of Calif.
(Name of Company or Operator)

Telephone number _____

By *[Signature]*

ADDRESS NOTICE TO DEPUTY STATE OIL AND GAS SUPERVISOR IN CHARGE OF DISTRICT WHERE WELL IS LOCATED
Reference to file of 1913

Base consists of: _____

Make 38	Model CALIFORNIA STATE PRINTING OFFICE	Size Section	Cards	Forms
CVB 1/28/29	MA			✓

B-PA
1/29/29

CVB



Department of Conservation


[Oil, Gas & Geothermal](#)
[Well Search Help](#)
[Online Data](#)

Division of Oil, Gas, and Geothermal Resources - Well Search

Well Information

API #	Lease	Well #	County	District		
03708539	San Gabriel	24	Los Angeles[037]	1		
Operator	Field		Area			
Chevron U.S.A. Inc.[C5640]	Seal Beach[688]		Alamitos[03]			
Section	Township	Range	Base	Well Status	Latitude	Longitude
11	05S	12W	Meridian SB	Plugged & Abandoned	33.755975	118.110052

Sum By

 County: **Los Angeles [037]**

 Field: **Seal Beach [688]**

 Operator: **Chevron U.S.A. Inc. [C5640]**

 Lease: **San Gabriel**

Well Records

File Name	Type	Size	Modified on
03708539_2016-02-12_DATA.PDF	PDF	9.00 MB	2/12/2016

Production Data

 Show entries

<< First < Previous Next > Last >>

Showing 0 to 0 of 0 entries

WELL TRANSFER NOTICE

Effective August 22, 2002

**Chevron USA Inc.
Texaco California Inc.
And**

Texaco Exploration and Production, Inc.

Transferred ALL THEIR WELLS
To

ChevronTexaco Exploration & Production Company

*See OGD156 dated October 18, 2002 in Operator File for ChevronTexaco
Exploration & Production Company (C5680) for details*

See Ownership file, CHEVRON U.S.A. INC., for Form 156 dated 1-12-77
listing all wells (Imperial, Los Angeles, and Orange Counties) transferred
effective 1-1-77 from Standard Oil Co. of Calif. (change of operating name).

RE-COMPLETION OR ABANDONMENT REPORT PRO 319-D DIVISION OF OIL AND GAS
RECEIVED
STANDARD OIL COMPANY OF CALIFORNIA
APR 15 1959

FIELD: Seal Beach

INGLEWOOD, CALIFORNIA

PROPERTY: San Gabriel

WELL NO: 24

Sec. 11, T. 5-S., R. 12-W., S.B. B&M.

Following is complete and correct record of all work done on the well since the previous record dated August 30, 1941

PURPOSE OF WORK: Abandon well.

DATE OF REPORT: March 18, 1959

Standard Oil Company of California
By Standard Oil Company of California,
Western Operations, Inc.

W. C. JOHNSON
Manager, Prod. Dept., So. Div.

WORK DONE BY: California Production Service, contractor, using portable equipment.

COMMENCED OPERATIONS: January 2, 1959 COMPLETED OPERATIONS: January 5, 1959

DATE WELL LAST PRODUCED: December 19, 1958 ABANDONED: January 5, 1959

S U M M A R Y

TOTAL DEPTH: 5479'

PLUGS: 0-30'; 4922-5290' and 5360-5479', cement.

CASING:	28"	cemented	60'	
	18"	cemented	584'	
	11-3/4"	cemented	4936'	with 500 sacks. W.S.O.
	9"	cemented	5147'	with 55 sacks. W.S.O. Cut at 30'.
402'	*7"	landed	5479'	Perforated 5136-5479', and reperforated 5180' to 5290' and 5360-5400'. (Top at 5077')

*Top 58' are 6-5/8"

San Gabriel #24
Seal Beach

Standard Oil Company of California

S U M M A R Y (Continued)

PERFORATIONS: 7" perforated 5136-5456' - 16 rows, 1-1/2" x 130 M. Kobe slots, 4" centers
 5456-5479' - 8 rows, 1-1/2" x 100 M. Kobe slots, 6" centers
 5456-5479' - 8 rows, 1-1/2" x 130 M. Kobe slots, 6" centers
 7" reperforated with Baash-Ross long knife:
 5180-5240' - 3 rows, 1/2" x 1-3/4" holes, 18" centers
 5185-5240' - 3 rows, 3/8" x 1-3/4" holes, 18" centers
 5230-5250' - 2 rows, 3/4" x 2-5/8" holes, 18" centers
 5220-5250' - 2 rows, 3/4" x 2-1/2" holes, 18" centers
 5250-5290' - 3 rows, 1/2" x 2" holes, 18" centers
 5360-5400' - 3 rows, 5/8" x 2-1/2" holes, 18" centers

JUNK: None

San Gabriel #24
Seal Beach

Standard Oil Company of California
DIVISION OF OIL AND GAS
RECEIVED

APR 15 1959

Discussion

INGLEWOOD, CALIFORNIA

San Gabriel #24, an upper Wasem zone well, is currently producing 3/120 B/D. Abandonment of this well is in accordance with agreement with the San Gabriel River Improvement Company, dated October 2, 1958.

Proposal

1. Clean out to 5170' and plug 6-5/8" liner from 5170' to 5050' with cement.
2. Fill hole with mud and cut 9" casing 30' below cellar floor. Cut 11-3/4" casing at cellar floor.
3. Drive wooden plug to 9" stub. Fill 11-3/4" x 18" casings to surface with concrete.
4. Weld steel plate over all casings except conductor, clear location and abandon well.

Work Done

January 2, 1959, California Production Service, contractor, moved in and commenced work at 9:00 a.m. Pulled rods and pump.

January 3, 1959, pulled tubing. Ran dart-bottom bailer to 5170'. Ran Cavins off-bottom cement dump and dumped 15 sacks of cement from 5170' to 5077' and 20 sacks of cement from 5077' to 5009'.

January 4, 1959, located top of cement at 4922'.

Location and hardness of cement bridge at 4922' witnessed and approved by Inspector W. L. Ingram of the Division of Oil and Gas.

January 4, 1959, cut and recovered 9" casing from 30' below cellar floor. Cut 11-3/4" casing at 20' below cellar floor but unable to recover casing.

January 4-5, 1959, set wooden plug in 9" casing stub at 30' and filled to surface with concrete.

Location and hardness of surface plug witnessed and approved by Inspector M. Dosch of the Division of Oil and Gas.

January 5, 1959, welded steel plate on 11-3/4" and 18" casings and abandoned well in this condition.

Crew released at 1:00 p.m., January 5, 1959.

Drillers: R. A. Davis

N. TWERELL

NT:nr
March 18, 1959

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

REPORT OF WELL ABANDONMENT

Inglewood California

April 29 1959

Mr. W. C. Johnson
 P. O. Box 605
 La Habra California
 Agent for STANDARD OIL CO OF CALIFORNIA

DEAR SIR:

Your report of abandonment of Well No. "San Gabriel" 24,
 Sec. 11, T. 5 S., R. 12 W., S.B. B. & M., Seal Beach field,
 Los Angeles County, dated March 18, 1959, has been
 examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division,
 which are based on all information filed with it, have been fulfilled.

MAP	MAP BOOK	CARDS	TOND	FORMS	
				17-4	18-1
32 WH 5-6	WH 5-6		Blanket		ES

RGF:es

- cc Mr E H Musser
- Mr C W Gibbs
- Mr K B McNamara
- Conservation Committee
- Mr L A Dutton
- Fire Prevention Bureau
- Production Department

E. H. MUSSER
 State Oil and Gas Supervisor

By Wm C. Bailey 1097
 Deputy Supervisor

Form 10

CLERK

RECEIPT FOR

7

Date Received 4-15-59 Form 100 101 103 New Well Records

Elec. Log _____ Radio Log _____ Subsequent Work

Direct. Surv. _____ Other Data Best of abandon Well Summary _____
(100) _____

Location _____ Drillers Log _____
(101) _____

_____ Core Record _____
(101) _____

Elevation _____ Clerk Scott History ✓
(103) _____

Prod. Repts. _____ Clerk _____ Elec. Log _____

COMPLETED PRODUCING ON _____ ENGINEER

ABANDONED ON

1-5-59

BOND Blanket Release _____ Date Elig. 150b _____

End Prem. year _____ Release Requested _____ Superseded _____

Aband. _____ Redrill _____

HOLD BOND _____ Reason _____ Deepen _____

Plug _____

Data Needed None Alter Csg. _____

Final Letter ✓ Eng. Ray Abandon ✓

COMPLETED PRODUCING ON _____

ABANDONED ON

1-5-59

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 159-33

Mr. W C Johnson
P O Box 605
La Habra California
Agent for STANDARD OIL CO OF CALIFORNIA

Inglewood 3 Calif.
January 14, 1959

DEAR SIR:

Operations at your well No. "San Gabriel" 24, Sec. 11, T. 5 S, R. 12 W, S B B & M.
Seal Beach Field, in Los Angeles County, were witnessed
on January 5, 1959. Mr. M. Dosch, Engineer, representative of the supervisor was present
from 2:00 to 2:30 p.m. There were also present R. Davis, Hoist Operator.

Present condition of well: 28" cem. 60'; 18" cem. 584'; 11-3/4" cem. 4936', W.S.O.; 9" cem.
5147', W.S.O.; 6-5/8" and 7" ld. 5077'-5479', perf. 5136'-5479'. T.D. 5479', plugged
with cement 5479'-5360', 5290'-4922', 36'-6'.

The operations were performed for the purpose of witnessing the plugging operations in the process
of abandonment.

Mr. ~~XXXXXXXX~~ reported:
MR. W. INGRAM, ENGINEER, WAS PRESENT AT THE WELL FROM 8:00 - 8:30 A.M., JANUARY 4, 1959,
AND MR. DAVIS REPORTED:

1. On January 3, 1959, 15 sacks of cement was dumped into the hole at 5170'.
 2. On January 3, 1959, 20 sacks of cement was dumped into the hole at 5077'.
- THE ENGINEER NOTED THAT the bailer was spudded on a solid plug at 4922' and brought up a
sample of set cement.

MR. M. DOSCH, ENGINEER, WAS PRESENT AT THE WELL FROM 2:00 - 2:30 P.M., JANUARY 5, 1959,
AND MR. DAVIS REPORTED:

1. The 9" casing was cut at 30'.
 2. The 11-3/4" casing was cut at 20'.
 3. The hole was bridged at 36' with a wooden plug.
 4. Fifty-three sacks of cement was poured into the hole from the surface.
- THE ENGINEER NOTED THAT the top of the 11-3/4" casing even with the cellar floor had
been welded over with a steel plate.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

MD:OH

cc Mr K B McNamara

Mr C W Gibbs, Asst Gen Mgr Producing Dept
Standard Oil Co of California
225 Bush Street
SAN FRANCISCO 20 California

E. H. MUSSER
State Oil and Gas Supervisor

By R. C. Bailey Deputy

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

DIVISION OF OIL AND GAS
RECEIVED

JAN 9 1959

LOS ANGELES, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

La Habra, Calif. January 7, 1959

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. San Gabriel #24, Sec. 11, T. 5S, R. 12 W, S.B. B. & M., Seal Beach Field, Los Angeles County, commencing work on January 2, 1959.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: ^{5479'} ~~5074'~~ Plugs: 5479-5360'
5290-5170' w/cmt.
2. Complete casing record, including plugs:
 - 28" cemented 60'
 - 18" cemented 584'
 - 11-3/4" cemented 4936' - WSO
 - 9" cemented 5147' - WSO
 - 6-5/8" &
 - 7" landed 402' at 5479'.

Perf. 5136-5479' and reperforated 5220' to 5290' and 5360' to 5400'.
3. Last Produced 12/19/58 3 B/D 124 B/D
(Date) (Oil, B/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:
5. Stratigraphic markers and depths:
6. Geologic age at bottom: _____
7. Base of fresh water sands: _____

THE PROPOSED WORK IS

1. Clean out to 5170' and plug 6-5/8" liner from 5170' to 5050' with cement.
2. Fill hole with mud and cut 9" casing 30' below cellar floor. Cut 11-3/4" casing at cellar floor.
3. Drive wooden plug to 9" stub. Fill 11-3/4" X 18" casings to surface with concrete.
4. Weld steel plate over all casings except conductor, clear location, and abandon well.

Confirming telephone conversation of January 5, 1959, between your Mr. R. G. Frame and our Mr. J. R. Gless.

MAP | MAP BOOK | CARDS | BOND | FORMS
114 | 121
abandon
EB | *Blanket* | *EB* | *EB*

Box 605, La Habra, California
(Address)
Owen 1-2251
(Telephone No.)

STANDARD OIL COMPANY OF CALIFORNIA
(Name of Operator)
Std. Oil Co. of Calif., Western Operations, Inc.
By W.C. Johnson, Mgr., Prod. Dept., So. Div. *W.C. Johnson*

WELL COMPLETION REPORT

DIVISION OF OIL & GAS
 Page 12. J.E.T.
 RECEIVED D.O.G.(2)
 SEP 25 1941 C.A.C.
 LOS ANGELES, CALIFORNIA C.E.P.

REDRILLING ~~DEEPENING~~ ~~ABANDONING~~

FIELD **SEAL BEACH** STANDARD OIL COMPANY OF CALIFORNIA COMPANY
 PROPERTY **SAN GABRIEL** WELL NO. **24** SEC. **11** T. **5 S.** R. **12 W.** S.B. / B & M

FOLLOWING IS COMPLETE AND CORRECT RECORD OF ALL WORK
 DONE ON THE WELL SINCE THE PREVIOUS RECORD DATED **June 28, 1934**

COMMENCED WORK November 29, 1940	TOTAL DEPTH 5479
COMPLETED WORK January 26, 1941	REDRILLED FROM -- TO --
	DEEPENED FROM -- TO --
	PLUGGED FROM 5479 TO 5170
ROTARY TOOLS: FROM -- TO -- FEET	CABLE TOOLS: FROM -- TO -- FEET

PURPOSE OF WORK **Replug to exlude water**

PRODUCTION

23 October 1940 <small>30 DAY AVERAGE PRIOR OR LAST AVAILABLE</small>	3	BBL. OIL	308	BBL. WATER	GRAVITY 18.6	° A. P. I.
22 March 1941 <small>30 DAY AVERAGE AFTER</small>	48	BBL. OIL	6	BBL. WATER	GRAVITY 18.6	° A. P. I.

CASING RECORD AFTER REDRILLING, DEEPENING OR ABANDONING

SIZE OF CASING	LENGTH OF CASING	DEPTH LANDED	CEMENTED (Depth if thru perf)	WEIGHT PER FOOT	THREADS PER INCH	MAKE OF CASING	SEAMLESS OR LAPWELDED	MAKE OF SHOE
28		60	Yes			Stovepipe		
18		584	Yes			Western Stovepipe		Plain
11-3/4		4936	Yes	60	8	Youngstown	Seamless	Plain
9		5147	Yes	45	8	81' National	Lapweld	
6-5/8 & 7	402	5479	No	28 & 40	10	5066 Yngstn	Seamless	Plain
						Nat. & Unknown	"	

CEMENTING OR OTHER SHUT OFF RECORD

SIZE OF CASING	DEPTH LANDED	DEPTH CEMENTED	NO. SACKS USED	NO. SACKS TREATED	KIND OF CEMENT	METHOD	TIME SET DAYS	RESULT OF TEST
11-3/4	4936	4936	500		Victor	Perkins	7	Water shut off
9	5147	5147	55		"	"	8	" " "

PERFORATION RECORD

SIZE OF CASING	FROM	TO	SIZE OF HOLES OR SLOTS	NUMBER OF ROWS	SPACING (INCHES)	HOW PERFORATED
7	5136	5456	1 1/2 x 130 mesh	16	4	Kobe
*	5456	5479	(1 1/2 x 100 mesh	8)	6	"
			(1 1/2 x 130 mesh	8)		

PLUG: **Yes** KIND **Cement** LENGTH TOP AT **5170**
 ADAPTER: **Yes** KIND **Burney** SIZE -- SET AT **5077**

SIDETRACKED PIPE AND LOST TOOL RECORD

None

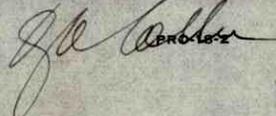
* 7" liner reperforated 5180-5290 and 5360-5400'.
 See summary page for details.

DRILLERS NAMES ON LAST SHEET

DATE **August 30, 1941**

STANDARD OIL COMPANY OF CALIFORNIA

BY **L. B. LITTLE, Gen'l Supt.**


PRO-18-2 1500-10-39)

SEP 25 1941 13.

LOS ANGELES, CALIFORNIA

San Gabriel #24

Standard Oil Co. of California

Following recompletion in March 1934, after plugging bottom to exclude water, the well averaged 78 B/D oil and 89 B/D wtr. for 29 days in May 1934. The well continued to produce with a small increase in oil and water production until September 1940, at which time well went to water.

Production Trend

<u>1940</u> <u>Date</u>	<u>Avg.</u> <u>Oil</u>	<u>Avg.</u> <u>Water</u>	<u>MCF</u> <u>Gas</u>	<u>No.</u> <u>Days</u>
March	109	122	22	25
April	108	104	22	25
May	116	117	23	22
June	104	104	21	21
July	105	119	21	31
Aug.	114	118	30	25
Sept.	86	96	29	5
Oct.	3	308	-	23
Nov.	9	265	-	6

From November 7 to 9, 1940, inclusive, ran Ennis water locating device to locate source of water. Water reported entering 5200' and below, migrating upwards and re-entering formation below 5155'. Hole open to 5210' at time of run.

Proposal (dated November 29, 1940)

- (1) Install cable tools and clean out present plug from 5220 to 5240'.
- (2) Reperforate 7" casing 5240 to 5185' and bail out sand to create cement cavity.
- (3) Plug with cement from 5240 to 5180'. Division of Oil and Gas to witness plug at 5180'.
- (4) Return well to production.

Work Done

Starting November 29, 1940, moved in cable crew and rigged up cable tools.

Ran 3-1/2" x 84' bailer and bailed out sand from 5197 to 5220'. (Top of cement plug)

Ran 5-5/8" cable bit and drilled out cement plug from 5220 to 5241'. Ran 3-1/2" bailer and bailed hole clean to 5240'.

San Gabriel #24

Standard Oil Co. of California

On December 4, 1940 ran Baash-Ross long knife perforator on cable tools and reperforated 7" liner from 5240-5185' with 3 rows, 3/8" x 1-3/4" holes, 18" centers.

Ran 3-1/2" x 84' bailer to 5240' without picking up any sand. Located top of oil at 1850'. Bailed out oil for 3 hours without lowering fluid level appreciably. No sand came in.

Ran Tyler swab and swabbed oil to surface through 9" casing. Lowered fluid level 1850' to 2500'. Swabbed water from 2600'. Unable to lower water below 2570'. Hole open to 5240'.

On December 6, 1940 dumped in fresh water and 8 sacks of Slow Colton cement at 5240'. Filled to 5180'.

On December 7, 1940, location and hardness of cement plug at 5180' witnessed and approved by Inspector Chas. Corwin of the Division of Oil and Gas.

Well standing from December 7 to December 14, incl., 1940.

On December 15, 1940, ran 2-1/2" tubing to 4502', including 2-1/2" x 10' invert type pump at 4480' and 22' of anchor below. Ran rods and put well on pump. In 14 hours well pumped 0 oil, 73 water, on a 14-hour gauge.

From December 16 to 19, incl., 1940, well continued to pump at an average of 0 oil and 151 water daily.

On December 19, 1940, well pumped 0 oil and 37 water in 6 hours and then stopped pumping.

On December 21, 1940, washed back through pump and well pumped 0 oil and 25 water in 4 hours and again stopped pumping.

Starting December 22, 1940, pulled rods and tubing.

Bailed and rebailed out fine sand from 4972 to 5084' with 3-1/8" and 2-7/8" Cavins bailers. Top of water on January 3, 1941 located at 3750'.

On January 7, 1941 bailed out sand from 5040 to 5180' (top of cement plug).

San Gabriel #24

Standard Oil Company of California

Ran 5-5/8" cable bit and drilled out cement plug from 5180 to 5240'. Cement did not drill out as if hard above at 5205'.

On January 9, 1941, ran 4-1/2" O.D. Baash-Ross long knife perforator on cable tools and reperforated 7" casing from 5240-5180' with 3 rows, 1/2" x 1-3/4" holes, 18" centers.

Ran 3-1/2" bailer and located top of oil and water at 2100'.

Ran 7-5/8" O.D. Tyler upswab and swabbed water and a little oil to surface through 9" casing to 2780'. Bailed out sand and shale from 5236-5240'. Water rose 480' in 2 hours while bailing.

Ran 7-5/8" O.D. Tyler swab and swabbed water to surface through 9" casing from 2700'. Hole open to 5240'.

On January 13, 1941, dumped in 8-1/2 sacks of Colton cement treated with calcium chloride in three stages starting at 5240'. Last stage dumped at 5223'. Ran water in hole while dumping cement to apply pressure. Located top of cement at 5213'.

On January 14, 1941, dumped 9-1/2 sacks of Slow Colton cement treated with calcium chloride in four stages starting at 5213'. Filled to 5170'. Ran water in hole while dumping cement to apply pressure.

On January 15, 1941, location and hardness of cement plug at 5170' witnessed and approved by Inspector Chas. Corwin of the Division of Oil and Gas.

Ran 7-5/8" O.D. Tyler swab and swabbed water to surface through 9" casing and lowered fluid level from 2700 to 3900'. Ran 3-1/2" x 64' bailer and bailed out sand from 5160 to 5170' (top of cement plug).

Continued swabbing water to surface through 9" casing. Lowered fluid level to 4600'.

Bailed hole clean to top of cement plug at 5170'. Water sample from 5170' tested 938 grains.

Well stood from January 20 to January 26, 1941.

San Gabriel #24

Standard Oil Company of California

On January 26, 1941, ran 2-1/2" tubing to 4502', including 2-1/2" x 10' invert type pump at 4480' and 22' of 2-1/2" anchor below. Ran rods and put well on pump.

PRODUCTION TREND

<u>1941</u> <u>Date</u>	<u>Hrs.</u> <u>Pmpg.</u>	<u>Bbls.</u> <u>Oil</u>	<u>Bbls.</u> <u>Wtr.</u>	<u>%</u> <u>Cut</u>	<u>Hrs.</u> <u>Gauged</u>
1/27	24	0	202	-	12
28	24	0	147	-	12
29	24	0	147	-	Est.
30	21	0	156	-	16 Off 3 hrs. changing)
31	24	0	197	-	12 wrist pins.)
2/ 1	24	19	120	56	24
2	24	20	100	-	24
3	24	16	113	36	24
4	24	28	185	80	16
7	24	17	74	80	12
10	24	31	40	56	24
14	24	24	29	56	24
18	24	27	30	52	24

During February 1941, average 31 oil, 52 water, for 23 days, gravity 18.6° API, pump at 4480'. (Pro 20-D figures)

During March 1941, average 48 oil, 6 water, for 22 days, gravity 18.6° API, pump at 4848'. (Pro 20-D figures)

S U M M A R Y

Total Depth: 5479'

Plugs: Cement 5170-5290', sand 5290-5360', and cement 5360-5479'.

Casing: 20" stovepipe cemented 60', not tested
 18" " " 584', " "
 11-3/4" casing " 4936', W.S.O.
 9" " " 5147', W.S.O.
 402' - 6-5/8" and 7" casing landed 5479', perforated
 5136-5456' - 16 rows, 1 1/2" x 130 M. Kobe slots, 4" centers
 5456-5479' - 8 " 1 1/2" x 100 M. " " 6" "
 5456-5479' - 8 " 1 1/2" x 130 M. " " 6" "

San Gabriel #24

Standard Oil Company of California

Reperforated with Baash-Ross long knife:

5180-5240'	- 3 rows,	1/2" x 1-3/4" holes,	18" centers
5185-5240	- 3 "	, 3/8" x 1-3/4"	" , 18" "
5230-5250	- 2 "	, 3/4" x 2-5/8"	" , 18" "
5220-5250	- 2 "	, 3/4" x 2-1/2"	" , 18" "
5250-5290	- 3 "	, 1/2" x 2"	" , 18" "
5360-5400	- 3 "	, 5/8" x 2-1/2"	" , 18" "

and plugged with cement and sand 5170-5479'.

Junk: None.

Drillers: H. B. Countess
Walter Edkins
Felix U. Rhyner
M. A. Rowland

W. E. Brandt
Edwin Smith
C. E. Peterman
G. B. Newton

J. P. McNAMARA

JPMcN:BR
8/30/41.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T. 1-39056

Los Angeles, Calif. January 24, 1941

Mr. L. B. Little,

Los Angeles, Calif.

Agent for STANDARD OIL COMPANY OF CALIFORNIA

DEAR SIR:

Operations at your well No. "SAN GABRIEL" 24 Sec. 11, T. 5S., R. 12W., S. B. B. & M.,

Seal Beach Field, in Los Angeles County, were witnessed by

Chas. Corwin, Inspector, representative of the supervisor,

on January 15, 1941. There was also present E. Smith, Driller,

and A. Carpenter, Helper

Casing Record 28" cem. 60'; 18" cem. 584', not
tested; 11-3/4" cem. 4936' W. S. O.; 9" cem. 5147',
W. S. O.; 6-5/8" and 7" ld. 5077'-5479', perf. 5136'-
5479', reperf. 5400'-5360' and 5290'-5185'. T. D.
5479', plugged with cement 5479'-5360' and 5290'-5170'.

Junk None

The operations were performed for the purpose of testing the location and hardness of a cement
plug placed from 5240' to 5170' in the process of plugging.

and the data and conclusions are as follows:

THE INSPECTOR ARRIVED AT THE WELL AT 10:15 A. M. AND MR. SMITH REPORTED THE FOLLOWING:

1. Cement was drilled out of the hole from 5180' to 5240'.
2. The 7" casing was reperforated from 5240' to 5180' with 1/2"x1-3/4" slots and 18" centers.
3. On January 13 and 14, 1941, a total of 18 sacks of Colton cement was dumped in the hole in stages, beginning at 5240'.

THE INSPECTOR NOTED THAT the bailer could not be spudded below 5170' and brought up a sample of set cement.

The test was completed at 11:10 a. m.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 5170' ARE APPROVED.

cc Company
J. E. Toussaint
Long Beach
CC:G

R. D. BUSH
State Oil and Gas Supervisor

By E. Augustin Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 1-38884

Los Angeles, Calif. December 13, 1940.

Mr. L. B. Little,

Los Angeles, Calif.

Agent for STANDARD OIL COMPANY OF CALIFORNIA

DEAR SIR:

Operations at your well No. "SAN GABRIEL" 24 Sec. 11, T. 5 S., R. 12 W., S.B. B. & M., Seal Beach Field, in Los Angeles County, were witnessed by Chas. Corwin, Inspector, representative of the supervisor, on December 7, 1940. There was also present W. Edkins, Driller, G. B. Newton, Helper.

Casing Record 28" cem. 60'; 18" cem. 584', not tested;	Junk	None
11-3/4" cem. 4936', W.S.O.; 9" cem. 5147', W.S.O.; 6-5/8" and 7" ld. 5077'-5479', perf. 5136'-5479', reperf. 5400'-5360' and 5290'-5185'. T.D. 5479', plugged with cement 5479'-5360' and 5290'-5180'.		

The operations were performed for the purpose of testing the location and hardness of a cement plug proposed to be placed from 5240' to 5180' in the process of plugging,

and the data and conclusions are as follows:

THE INSPECTOR ARRIVED AT THE WELL AT 8:45 A. M. AND MR. EDKINS REPORTED THE FOLLOWING:

1. The hole was cleaned out to 5240'.
2. The 7" casing was reperforated from 5240' to 5185' and the hole was bailed and swabbed to create a cavity.
3. On December 6, 1940, 8 sacks of Colton cement was dumped in the hole beginning at 5240'.

THE INSPECTOR NOTED THAT the bailer could not be spudded below 5180' and brought up a sample of set cement.

The test was completed at 9:30 a. m.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 5180' ARE APPROVED.

cc- Company
J. E. Toussaint
Long Beach
CC:OH

*Callins 1/22/41 to abandon
OK to plug from 5170' (cement plug) over top
of liner and normal above that point. It will
not be necessary to clean out cement to plug
portion now plugged with sand 5360'-5290'
as zone below is all flooded and cement
plug from 5290'-5240' is in shale which
reperforates the zones.*

R. D. BUSH
State Oil and Gas Supervisor

By *[Signature]* Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P.1-35838

Los Angeles, Calif. December 4, 1940.

Mr. L. B. Little,

Los Angeles, Calif.

Agent for STANDARD OIL COMPANY OF CALIFORNIA

121

DEAR SIR:

Your proposal to plug Well No. "SAN GABRIEL" 24, Section 11, T.5 S., R.12 W., S.B. B. & M., Seal Beach Field, Los Angeles County, dated Nov. 29, 1940, received Dec. 3, 1940, 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: The condition of the well is as stated in the notice.

THE NOTICE STATES:

"The present condition of the well is as follows: Total Depth: 5479' Plugged: 5220'
Casing: 28" cemented 60'
18" " 584', not tested
11-3/4" " 4936', water shut-off
9" " 5147', " " " (45# 8 thrd.)
402' 6-5/8" & 7" landed 5479', perf. 5136-5479', reperf. 5220-5290', and 5360-5400', and plugged with cement 5220-5290' and 5360-5479'. (Top 59' - 6-5/8" 28#, bottom 343' - 7" 40#).

Junk: None.

Recent Production: Avg. 3 B/D oil and 308 B/D water for 23 days Oct. 1940.

Nov. 7-9, 1940, ran Ennis device. Water reported entering 5200' and below, migrating upward and re-entering formations below 5155'. Hole open to 5210' at time of run."

PROPOSAL:

- "The proposed work is as follows: (Confirming conversation Hendrickson-Reinhart)
- (1) Install cable tools and clean out present cement plug from 5220-5240'.
 - (2) Reperforate 7" casing 5240-5185' and bail out sand to create cement cavity.
 - (3) Plug with cement from 5240-5180'. Your department to witness plug at 5180'.
 - (4) Return well to production."

DECISION:

THE PROPOSAL IS APPROVED.

cc- Company
J. E. Toussaint
Long Beach
WJC:OH

ST

R. D. BUSH

State Oil and Gas Supervisor

By *E. Augustin* Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL & GAS
RECEIVED
DEC 3 - 1940
LOS ANGELES, CALIFORNIA

DOG
JET
GAC
CEP

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

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

Los Angeles, Calif. Nov. 29, 1940

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. San Gabriel #24
(Cross out unnecessary words)

Sec. 11, T. 5-S., R. 12-W., S.B. B. & M.
Seal Beach Field, Los Angeles County.

The present condition of the well is as follows: Total Depth: 5479' Plugged: 5220'

Casing: 28" cemented 60'
18" " 584', not tested
11-3/4" " 4936', water shut-off
9" " 5147', " " " (45# 8 thrd.)
402' - 6-5/8" & 7" landed 5479', perf. 5136-5479', reperf. 5220-5290',
and 5360-5400', and plugged with cement
5220-5290' and 5360-5479'. (Top 59' -
6-5/8" 28#, bottom 343' - 7" 40#).

Junk: None.

Recent Production: Avg. 3 B/D oil and 308 B/D water for 23 days
Oct. 1940.

Nov. 7-9, 1940, ran Ennis device. Water reported entering 5200' and
~~The proposed work is as follows~~
below, migrating upward and re-entering formations below 5155'. Hole
open to 5210' at time of run.

The proposed work is as follows: (Confirming conversation
Hendrickson-Reinhart)

- (1) Install cable tools and clean out present cement plug from 5220-5240'.
- (2) Reperforate 7" casing 5240-5185' and bail out sand to create cement cavity.
- (3) Plug with cement from 5240-5180'. Your department to witness plug at 5180'.
- (4) Return well to production.

Maps	Model	Cross Section	Cards	Form
				121
			✓	✓

STANDARD OIL COMPANY OF CALIFORNIA

(Name of Operator)

By L. B. Little, Gen'l. Supt.

JHR:BR

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

J. B. Little

WELL COMPLETION REPORT PRO. 18-2

REDRILLING ~~DEEPENING~~ ~~ABANDONING~~

FIELD SEAL BEACH STANDARD OIL COMPANY OF CALIFORNIA COMPANY S.B.
PROPERTY SAN GABRIEL WELL NO. 24 SEC. 11 T. 5S R. 12W / B & M

FOLLOWING IS COMPLETE AND CORRECT RECORD OF ALL WORK DONE ON THE WELL SINCE THE PREVIOUS RECORD DATED Dec. 19, 1929

COMMENCED WORK Oct. 4, 1933 TOTAL DEPTH 5479
COMPLETED WORK March 17, 1934
REDRILLED FROM TO
DEEPEENED FROM TO
PLUGGED FROM 5220 to date TO See History

ROTARY TOOLS: FROM TO FEET CABLE TOOLS: FROM TO FEET
PURPOSE OF WORK Plug to exclude water.

Maps	Model	Cross section	Cards	Forms
				114 121

PRODUCTION

30 DAY AVERAGE PRIOR OR LAST AVAILABLE	7	BBL. OIL	302	BBL. WATER	GRAVITY °A. P. I.
30 DAY AVERAGE AFTER	78	BBL. OIL	89	BBL. WATER	GRAVITY 16.9 °A. P. I.

Second

CASING RECORD AFTER REDRILLING, DEEPENING OR ABANDONING

SIZE OF CASING	LENGTH OF CASING	DEPTH LANDED	CEMENTED (Depth if thru perf)	WEIGHT PER FOOT	THREADS PER INCH	MAKE OF CASING	SEAMLESS OR LAPWELDED	MAKE OF SHOE
28		60	Yes			Stovepipe		
18		584	Yes			Western Stovepipe		Plain
11 1/2		4936	Yes	60	8	Youngstown Seamless		Plain
9		5147	Yes	45	8	81' National lapweld		
6-5/8 & 7	402	5479	No	28 & 40	10	5066 Yngstn Seamless		Plain
						Nat. & Unknown		"

CEMENTING OR OTHER SHUT OFF RECORD

SIZE OF CASING	DEPTH LANDED	DEPTH CEMENTED	NO. SACKS USED	NO. SACKS TREATED	KIND OF CEMENT	METHOD	TIME SET DAYS	RESULT OF TEST
11 1/2	4936	4936	500		Victor	Perkins	7	Water shut off
9	5147	5147	55		"	"	8	" " "

PERFORATION RECORD

SIZE OF CASING	FROM	TO	SIZE OF HOLES OR SLOTS	NUMBER OF ROWS	SPACING (INCHES)	HOW PERFORATED
7	5136	5456	1 1/2 x 130 mesh	16	4	Kobe
7	5456	5479	(1 1/2 x 100 mesh)	8)	6	Kobe
7			(1 1/2 x 130 mesh)	8)		

PLUG: KIND Cement LENGTH TOP AT 5220
ADAPTER: KIND SIZE SET AT

SIDETRACKED PIPE AND LOST TOOL RECORD

None

7" liner reperforated 5220 to 5290' and 5360-5400'.
See History for detail

DRILLERS NAMES ON LAST SHEET

DATE June 28, 1934.

STANDARD OIL COMPANY OF CALIFORNIA

BY L. B. LITTLE, GEN'L SUPT.

R. D. Capley

LOG AND HISTORY

WELL NO. 24

PROPERTY SAN GABRIEL

COMPANY OF CALIFORNIA
STANDARD OIL /

COMPANY

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
<u>HISTORY</u>			
<p>Following completion in the Lower Wasem Zone on November 12, 1929, for 220 bbls. oil and 133 bbls. water daily average for first twenty days, the well continued to produce with a gradual decline in oil production and a gradual increase in water production.</p>			
<p>In August, 1933, the 6-5/8" and 7" liner was found bad at 5448'.</p>			
<p>An effort was made to run a MacGregor-Strang perforation washer, but washer would not go in to top of liner at 5077'.</p>			
<p>Retubed well to 5422' and on a twenty-two day pumping test from August 17 to September 9, 1933, the well pumped an average of 7 bbls. oil and 302 bbls. water per day.</p>			
<p>September 10, 1933, conditioned hole and ran Oil Field Service Company "water witch." Water was reported entering at 5380', and a small volume entering at 5430'.</p>			
<u>PROPOSAL (September 18, 1933)</u>			
<ol style="list-style-type: none"> (1) Clean out to 5448'. (2) Reperforate 6-5/8" and 7" liner 5400-5360'. (3) Plug with cement from 5448 to 5360'. (4) Make bailing or production test. If wet, clean out to 5380' and reperforate or shoot 5360-5380' and replug to 5360'. (5) Return well to production. Division of Oil and Gas to witness plug at 5360'. 			
<u>WORK DONE</u>			
<p>Starting October 4, 1933, moved in and rigged up cable tools.</p>			
<p>Bailed hole clean to 5448'. Reperforated 7" casing with Baash-Ross Long Knife perforator from 5400 to 5360' with three rows of 5/8" x 2 1/2" holes, 18" centers. Bailed hole clean to 5448'.</p>			
<p>October 9 and 10, 1933, dumped 27 sacks of Golden Gate cement treated with calcium chloride in seven stages starting at 5448'. Ran water in hole while dumping cement to apply pressure.</p>			
<p>Located top of cement at 5360'.</p>			

WELL COMPLETION REPORT PRO-18-3 LOG AND HISTORY

WELL NO. 24

PROPERTY SAN GABRIEL

 COMPANY OF CALIFORNIA
STANDARD OIL / COMPANY

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
			<p>Location and hardness of cement plug at 5360' witnessed and approved by Inspector Austin of Division of Oil and Gas.</p> <p>Tubed well to 3826' with 2½" tubing including 2½" x 18' Fluid Packed Pump and 45' of 2½" open anchor.</p> <p>Started well pumping on October 22, 1933. Well pumped from October 22 to November 15, 1933, inclusive, at the average rate of 11 bbls. of oil and 220 bbls. of water per day.</p> <p>Pulled rods and tubing and bailed out sand 5351 to 5360'.</p> <p>Tubed well to 5300' including 2½" x 18' Fluid Packed Pump at 3737' and 1563' of 2½" open anchor.</p> <p>Started well pumping on November 17, 1933. Pumped three days an average of 211 bbls. per day, all water.</p> <p>Lowered tubing from 5300 to 5347'. Pumped portions of three days at an average rate of 216 bbls. per day, all water.</p> <p>November 23 and 24, 1933, conditioned hole and ran Oil Field Service Company "water witch."</p> <p>Water was reported entering at 5230'.</p> <p style="text-align: center;"><u>PROPOSAL (December 12, 1933)</u></p> <p>(1) Reperforate 7" casing 5250 to 5290'.</p> <p>(2) Fill hole with sand from 5360 to 5290' and cap sand with cement to 5250'.</p> <p>(3) Make production test.</p> <p style="padding-left: 20px;">(a) If wet, reperforate 7" casing 5220-5250' and continue cement plug to 5220' and make production test.</p> <p style="padding-left: 20px;">(b) If dry with plug at 5220' and production is unsatisfactory, drill out cement plug 5220 to 5360' and make production test.</p> <p>(4) If wet, and production is unsatisfactory, a supplementary proposal will be made.</p>

WELL COMPLETION REPORT PRO-18-3 LOG AND HISTORY

WELL NO. 24

PROPERTY SAN GABRIEL

OF CALIFORNIA
STANDARD OIL COMPANY/COMPANY

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
<u>WORK DONE</u>			
			Starting December 14, 1933, moved in and rigged up cable tools.
			Found hole filled with sand to 5356'. Dumped in sand, filling hole to 5296'.
			Reperforated 7" liner with Baash-Ross Long Knife perforator 5290 to 5250' with 3 rows of 1/2" x 2" holes, 18" centers. Bailed hole clean to 5296' and dumped in sand, filling hole to 5290'.
			December 17, 1933, dumped 14 sacks of Golden Gate cement treated with calcium chloride in five stages starting at 5290', filling hole with cement to 5250'.
			Tubed well to 5203' with 2-1/2" tubing including 2-1/2" x 9' liner pump at 3795' and 1408' of 2-1/2" open anchor.
			Started well pumping on January 3, 1934, and well pumped until March 3, 1934, as follows:
Jan., 1934,	21 days,	avg. 37 bbls. oil and 168 bbls. water per day	
Feb., 1934,	24 " , "	29 " " 153 " " " "	
Mar., 1934,	10 " , "	39 " " 188 " " " "	
			Starting March 13, 1934, moved in and rigged up cable tools. Found hole open to top of cement plug at 5250'.
			Reperforated 7" liner with Baash-Ross Long Knife perforator from 5250 to 5220' with two rows 3/4" x 2-1/2" holes, 18" centers. Bailed hole clean to 5250'.
			March 14, 1934, dumped in 5 sacks of Golden Gate cement treated with calcium chloride at 5250'. Cement filled to 5230'. Bailed out cement 5230 to 5250'.
			Reperforated 7" liner with Baash-Ross Long Knife perforator 5250 to 5230' with two rows of 3/4" x 2-5/8" holes, 18" centers. Bailed hole clean to 5250'.
			March 16 and 17, 1934, dumped 10 sacks of Golden Gate cement treated with calcium chloride in 3 stages starting at 5250'. Ran water in hole while dumping cement to apply pressure.
			Located top of cement at 5220'.
			Location and hardness of cement plug at 5220' witnessed and approved by Inspector Hodges of Division of Oil and Gas.

WELL COMPLETION REPORT PRO-18-3 LOG AND HISTORY

WELL NO. 24

PROPERTY SAN GABRIEL

STANDARD OIL COMPANY/COMPANY
OF CALIFORNIA

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
			<p>Tubed well to 4025' with 2-1/2" tubing including 2-1/2" x 9' liner pump.</p> <p>Started well pumping on March 21, 1934. Well pumped only intermittently until April 1st on account of rod and pump trouble.</p> <p>Starting April 1st the well pumped steadier and the tubing was lowered in stages to 4498'.</p> <p>During April, 1934, the well pumped 21 full days an average of 32 bbls. of oil and 119 bbls. of water per day, gravity 26.9. During May, 1934, the well pumped 29 days an average of 78 bbls. of oil and 89 bbls. of water per day, gravity 16.9.</p> <p style="text-align: center;"><u>S U M M A R Y</u></p> <p>TOTAL DEPTH: 5479'.</p> <p>PLUGS: Cement 5220 to 5290', sand 5290 to 5360', and cement 5360 to 5479'.</p> <p>CASING: 28" stovepipe cemented 60' - not tested. 18" " " 584' - " " 11-3/4" casing " 4936' - water shut off. 9" " " 5147' - " " " 402' of 6-5/8" & 7" casing landed 5479' as liner. Perforated 5136-5479' and reperforated 5220 to 5290 and 5360 to 5400'.</p> <p>JUNK MATERIAL IN HOLE: None.</p> <p>DRILLERS: J. F. McAleese E. Smith G. B. Newton J. K. Lehman F. V. Rhyner H. Cariker E. C. Peterman C. C. Smith W. H. Jaquish W. Edkins C. A. Reynolds J. C. Dailey E. L. Ridgeway H. Hansen E. C. Carpenter A. Leander</p> <p style="text-align: right;">June 28, 1934</p> <p>ESW:AD. E. S. WHITE</p>

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 1-26636

Los Angeles, Cal. March 28, 1934.

Mr. L. E. Little,

Los Angeles, Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA Company.

121

DEAR SIR:

Operations at your well No. "SAN GABRIEL" 24 Section 11, T. 5S., R. 12W., S. B. B. & M., Seal Beach Oil Field, in Los Angeles County, were witnessed by

F. C. Hodges, representative of the supervisor,

on March 17, 1934. There was also present J. F. McAleese, Driller, and Elmer Sunburgh, Helper.

Casing Record 28" S. P. cem. 60'; 18" S. P. cem. 584'; 11-3/4" cem. 4936', W. S. O.; 9" cem. 5147' W. S. O.; 6-5/8" and 7" liner landed 5077'-5479', perf. 5136'-5479'. T. D. 5479'. plugged with cement 5479'-5360' and 5290'-5220'.

The operations were performed for the purpose of testing the location and hardness of a cement plug proposed to be placed from 5290' to 5220' in the process of plugging, and the data and conclusions are as follows:

THE INSPECTOR ARRIVED AT THE WELL AT 1:20 P. M. AND MR. GEO. COLLINS, ENGINEER, REPORTED THE FOLLOWING:

1. The hole was cleaned out to 5360'.
2. The hole was plugged with sand from 5360' to 5290'.
3. The 6-5/8" liner was reperforated from 5250' to 5290'.
4. On December 17, 1933, 14 sacks of Golden Gate cement was dumped at 5290', filling the hole to 5250'.
5. The well tested wet and the 6-5/8" casing was reperforated from 5250' to 5220'.
6. On March 14, 1934, 5 sacks of Golden Gate cement was dumped at 5250', filling the hole to 5230'.
7. The hole was then cleaned out to 5250' and the 6-5/8" casing was reperforated from 5250' to 5230'.
8. On March 16, 1934, 9 sacks of Golden Gate cement, all chemically treated, was dumped at 5250'.

THE INSPECTOR NOTED THAT the bailer could not be spudded below 5220' and brought up a sample of set cement.

The test was completed at 2:10 p. m.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 5220' ARE APPROVED.

cc- P. C. McConnell
R. C. Stoner
Long Beach
FCH:G

R. D. BUSH
State Oil and Gas Supervisor

By *E. J. [Signature]* Deputy

Handwritten initials

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 1-26341

Los Angeles, Cal. December 18, 1933.

Mr. L. B. Little,

Los Angeles, Cal.

Agent for STANDARD OIL CO. OF CALIF. Company

DEAR SIR:

Your supplementary proposal to plug & alter casing Well No. "SAN GABRIEL" 24,
Section 11, T. 5 S., R. 12 W., S. B.B. & M., Seal Beach Oil Field, Los Angeles County,
dated Dec. 12, 1933, received Dec. 14, 1933, 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 new conditions are as follows: Total depth: 5479'
Cement Plug: 5360-5479'.

Casing: 28" stovepipe cemented 60', not tested,
18" " " 584', " "
11 3/4" cemented 4936', water shut-off,
9" " " 5147', " "

402' - 6 5/8"-7" liner landed 5479', bottom 343' perforated, reperfornated 5360-5400'.

Junk: None.

Subsequent to plug at 5360' being witnessed by your Department on Oct. 15th, 1933, well was put on beam October 22nd; during 21 day pumping test averaged 11 Oil and 220 Water. Water tested 1596 grains salt per gal. Conditioned well on beam and on Nov. 24th made check run of Water-Witch. Water reported entering 5230. Well has been standing to date."

PROPOSAL:

"We now propose (Confirming conversation Collins - Crown)

1. - Reperforate 7" casing 5250-90' with long knife perforator.
2. - Fill hole with sand from 5360' (top of plug) to 5290' and dump cement plug to 5250' opposite a cored shale body.
3. - Make production test.
 - (a) If wet, reperforate 7" casing 5220-50' and continue cement plug to 5220' and make production test.
 - (b) If dry with plug at 5220' and production is unsatisfactory, rotate out plugs to 5360' and make production test.
4. - If wet and production is unsatisfactory, supplementary proposal will be forwarded to your Department."

DECISION:

THE PROPOSAL IS APPROVED.

cc- P. C. McConnell
R. C. Stoner
Long Beach
WJC:G

R. D. BUSH
State Oil and Gas Supervisor

By [Signature] Deputy

CSB

DIVISION OF OIL AND GAS
RECEIVED
DEC 14 1933
LOS ANGELES, CALIFORNIA

DOG
RCS
RDC
CLB

DIVISION OF OIL AND GAS

Supplementary Notice

Los Angeles, Cal. December 12, 1933

Mr. E. Huguenin,

Deputy State Oil and Gas Supervisor

Los Angeles, Cal.

DEAR SIR:

Please be advised that our notice to you dated September 18, 1933,

stating our intention to plug and alter csg. well No. San Gabriel #24
(Drill, deepen, redrill, abandon)

Sec. 11, T. 5-S., R. 12-W., S.B. B. & M. Seal Beach Oil Field

Los Angeles County, must be amended on account of changed or recently

discovered conditions.

The new conditions are as follows: Total depth: 5479'.

Cement Plug: 5360-5479'.

Casing: 28" stovepipe cemented 60', not tested,
18" " 584', " "
11 3/4" cemented 4936', water shut-off,
9" " 5147', " "

402' - 6 5/8" - 7" liner landed 5479', bottom 343' perforated, reperforated 5360-5400'.

Junk: None.

Subsequent to plug at 5360' being witnessed by your Department on Oct. 15th, 1933, well was put on beam October 22nd; during 21 day pumping test averaged 11 oil and 220 Water. Water tested 1596 grains salt per gal. Conditioned well on beam and on Nov. 24th made check run of Water-Witch. Water reported entering 5230. Well has been standing to date.

We now propose

(Confirming conversation Collins - Crown)

- 1 - Reperforate 7" casing 5250-90' with long knife perforator.
- 2 - Fill hole with sand from 5360' (top of plug) to 5290' and dump cement plug to 5250' opposite a cored shale body.
- 3 - Make production test.
 - (a) If wet, reperforate 7" casing 5220-50' and continue cement plug to 5220' and make production test.
 - (b) If dry with plug at 5220' and production is unsatisfactory, rotate out plugs to 5360' and make production test.
- 4 - If wet and production is unsatisfactory, supplementary proposal will be forwarded to your Department.

supp. 1933
Reference to file of data
Respectfully yours

Maps	Model	Compt. & Cont.	Cores	Forms
				(S)

GAC/R

STANDARD OIL COMPANY OF CALIFORNIA,

(Name of Company)

By L.B. LITTLE, Gen. Supt. *LD Copley*

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 1-25923

Los Angeles, Cal. October 18, 1933.

Mr. L. B. Little,
Los Angeles, Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA Company

DEAR SIR:

Operations at your well No. "SAN GABRIEL" 24 Section 11, T. 5 S., R. 12 W., S. B. B. & M., Seal Beach Oil Field, in Los Angeles County, were witnessed by V. Austin, representative of the supervisor, on Oct. 15, 1933. There was also present G. C. Smith, Driller, and T. Shore, Helper.

Casing Record 18" S. P. cem. 584'; 11-3/4" cem. 4936', W. S. O.; 9" cem. 5147' W. S. O., 7" 1d. 5077'-5479', perf. 5136'-5479'. T. D. 5479', plugged with cement 5479'-5360'.

The operations were performed for the purpose of testing the location and hardness of a cement plug proposed to be placed from 5448' to 5360' in the process of plugging bottom, and the data and conclusions are as follows:

THE INSPECTOR ARRIVED AT THE WELL AT 10:00 A. M., AND MR. G. A. COLLINS, PETROLEUM ENGINEER, REPORTED THE FOLLOWING:

1. The hole was cleaned out to 5448'.
2. The 7" casing was reperforated 5360'-5400' with 3 rows 5/8" x 2 1/2" holes 18" centers.
3. On October 9 and 10, 1933, 27 sacks of Golden Gate cement (all treated) was dumped in stages, beginning at 5448', filling hole to 5360'.
4. Water was kept running in the hole during the plugging operations.

THE INSPECTOR NOTED THAT the bailer could not be spudded below 5360' and brought up a sample of set cement.

The operations were completed at 11:00 a. m.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 5360' ARE APPROVED.

cc- P. C. McConnell
R. C. Stoner
Huntington Beach.
VA:G

Raw

R. D. BUSH

State Oil and Gas Supervisor

By

E. H. ...

Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 1-26051

Los Angeles, Cal. September 21, 19 33.

Mr. L. B. Little,
Los Angeles, Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA ~~Company~~

DEAR SIR:

Your proposal to plug & alter casing Well No. "SAN GABRIEL" 24,
Section 11, T. 5 S., R. 12 W., S.B. B. & M., Seal Beach Oil Field, Los Angeles County,
dated Sept. 18, 19 33, received Sept. 20, 19 33, 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: The condition of the well is as stated in the notice.

THE NOTICE STATES:

"The present condition of the well is as follows:

Total depth: 5479' Cement Plug: 5448-5479' Junk: None
Casing Record: 28" stovepipe cemented 60'. Not tested.
18" " " 584'. " "
11 3/8" casing cemented 4936'. W. S. O.
9" " " 5147'. W. S. O.

402' 6-5/8" -7" liner landed 5479'. Bottom 343' perforated.

Condition of Casing: 6-5/8" - 7" liner bad at 5448' (present top of cement plug) 3 1/2",
2-3/8" and 1 1/2" bailers stick at that point.

Present production: During 22 day pumping test (Aug. 17th-Sept. 9, 1933) tubed to 5422'
well averaged 7 oil and 302 wtr. daily. Water tested 1640 grains per
gallon.

On Sept. 10th, conditioned hole and ran Oilfield's Service Co. Water Witch. Water reported
entering at 5380' and small volume at 5430'."

PROPOSAL:

"The Proposed Work is as Follows: (Confirming conversation Austin-Collins)

- (1) Clean out to 5448'. (Present top of cement plug).
- (2) Reperforate 6-5/8"-7" oil string thoroughly with long knife perforator 5400 to 5360'.
- (3) Plug with cement 5448 to 5360' running water in hole to apply pressure
- (4) Make bailing or production test; if wet clean out to 5380' and reperforate or shoot 5360-80' and replug to 5360', running water in hole to apply pressure.
- (5) Bail hole clean and return well to production. Your Department will be notified to witness plug at 5360' that excludes water and a production test 30 days after returning well to production. This will constitute permanent abandonment of lower portion of hole below 5360'."

DECISION:

THE PROPOSAL IS APPROVED.

cc-P. C. McConnell
R. C. Stoner
Huntington Beach
WJC:OH

R. D. BUSH
State Oil and Gas Supervisor

By *[Signature]* Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

D.O.G. ✓
R.C.S.
P.C.M. AND GAS
C.L.B. V E ID
SEP 20 1933
LOS ANGELES, CALIFORNIA

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

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

Los Angeles, Cal. September 18, 1933.

Mr. E. Huguenin,

Deputy State Oil and Gas Supervisor

Los Angeles, Cal.

DEAR SIR:

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of ~~deepening, redrilling,~~ ^{and} plugging or altering casing at well No. San Gabriel #24

(Cross out unnecessary words)

, Sec. 11, T. 5-S, R. 12-W, S.B. B. & M.
Seal Beach Oil Field, Los Angeles County.

The present condition of the well is as follows:

Total depth: 5479' Cement Plug: 5448-5479' Junk: None

Casing Record: 28" stovepipe cemented 60'. Not tested.
18" " " 584'. " "
11 3/4" casing cemented 4936'. W.S.O.
9" " " 5147'. W.S.O.
402' 6-5/8" -7" liner landed 5479'. Bottom 343' perforated.
Condition of casing: 6-5/8" - 7" liner bad at 5448' (present top of cement plug) 3 1/2", 2-3/8" and 1 1/2" bailers stick at that point.

Present production: During 22 day pumping test (Aug. 17th-Sept. 9, 1933) ^{tubed to 5422'} well averaged 7 oil and 302 wtr. daily. ^{Water tested 1640 grains per gallon.}
~~The proposed work is as follows:~~

On Sept. 10th, conditioned hole and ran Oilfield's Service Co. Water Witch. Water reported entering at 5380' and small volume at 5430'.

The Proposed Work is as Follows: (Confirming conversation Austin-Collins)

- (1) Clean out to 5448'. (Present top of cement plug).
- (2) Reperforate 6-5/8"-7" oil string thoroughly with long knife perforator 5400 to 5360'.
- (3) Plug with cement 5448 to 5360' running water in hole to apply pressure
- (4) Make bailing or production test; if wet clean out to 5380' and reperforate or shoot 5360-80' and replug to 5360', running water in hole to apply pressure.
- (5) Bail hole clean and return well to production. Your Department will be notified to witness plug at 5360' that excludes water and a production test 30 days after returning well to production. This will constitute permanent ~~Respectfully yours~~ abandonment of lower portion of hole below 5360'.

Maps	Model	Cross Section	Cards	Forms
GAC/B				✓

STANDARD OIL COMPANY OF CALIFORNIA

Name of Company or Operator

By L.B. LITTLE PC McConnell
General Superintendent.

DIVISION OF OIL AND GAS
RECEIVED

WGB
SMB ✓
JHM

COMPLETION REPORT—NEW WELL—PRO. 18-1 3 1929

FIELD SEAL BEACH STANDARD OIL CO. CALIF. COMPANY of Calif.
PROPERTY San Gabriel WELL NO. 24 SEC. 11 T. 5-S R. 12-W. S & M
LOCATION 1331.36' south and 725.85' east from northwest corner of Section 11, T-5-S, R-12-W. ELEV. 9.04' USGS

FOLLOWING IS COMPLETE AND CORRECT RECORD OF ALL WORK DONE ON THIS WELL

COMMENCED: RIGGING UP July 17, 1929 COMMENCED DRILLING July 25, 1929
COMPLETED: RIGGING UP July 25, 1929 COMPLETED DRILLING Oct. 20, 1929
DEPTH 5479' PLUGGED TO 5438' DATE OF INITIAL PRODUCTION Nov. 12, 1929
PRODUCTION (DAILY AVERAGE 1ST 30 DAYS) { FLOWING } 220 BBL. OIL: 135 BBL. WATER: 20.2 °A.P.I. { PUMPING }
GAS PRODUCTION (DAILY AVERAGE 1ST 30 DAYS) M. CU. FT. GALS. GASOLINE PER M. CUBIC FEET
TUBING PRESS. - CASINGHEAD PRESS. - FLOW NIPPLE -

CASING RECORD

SIZE OF CASING	LENGTH OF CASING	DEPTH LANDED	CEMENTED (DEPTH IF THRU PER F)	WEIGHT PER FOOT	THREADS PER INCH	MAKE OF CASING	SEAMLESS OR LAP WELDED	MAKE OF SHOE
28"	50'	60'	Yes			Stovepipe		
18"	584'	584'	Yes			Western	Stovepipe	Plain
11 3/4"	4936'	4936'	Yes	60#	8	Youngstown	Seamless	"
9"	5147'	5147'	Yes	45#	8	81' National	Lapweld	"
6-5/8"	402'	5479'	No	58'-6-5/8"	-28# 10	5066' Yngstwn	Seamless	"
8 7"				343'-7"	-40# 10	National	"	"
						Kobe	"	"

CEMENTING OR OTHER SHUT OFF RECORD

SIZE OF CASING	DEPTH LANDED	DEPTH CEMENTED	NO. SACKS USED	NO. SACKS TREATED	KIND OF CEMENT	METHOD	TIME SET DAYS	RESULT OF TEST
11 3/4"	4936'	4936'	500	-	Victor	Perkins	7	Water shut off.
9"	5147'	5147'	55	-	"	"	8	Water shut off.

PERFORATION RECORD

SIZE OF CASING	FROM	TO	SIZE OF HOLES OR SLOTS	NUMBER OF ROWS	SPACING (INCHES)	HOW PERFORATED
7"	5136'	5456'	1 1/2" 130-mesh	16	4"	Kobe
7"	5456'	5479'	1 1/2" 100-mesh	8	6"	Kobe
			130-mesh	8		

PLUG: KIND Cement BOTTOM 5479' TOP AT 5438'
ADAPTER: - FIND - SIZE - SET AT -
ROTARY TOOLS: FROM 0 TO 5479 FEET CABLE TOOLS: FROM - TO - FEET

SIDETRACKED PIPE AND LOST TOOL RECORD

NONE

DRILLERS NAMES ON LAST SHEET

DATE December 19, 1929.

STANDARD OIL CO. OF CALIF.

BY

J. H. Mentel

Ne

WELL COMPLETION REPORT LOG—PRO. 18-3

WELL NO. 24 PROPERTY San Gabriel STANDARD OIL COMPANY of Calif.

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS.

FROM	TO	FEET	FORMATION DRILLED AND CORED
0	60	60	Surface sand
Cemented 28" stovepipe at 60' with 115 sacks Victor cement, last 100 sacks treated. Perkins Pumps. Stood cemented 3 days.			
60	270	210	Surface sand and gravel
270	400	130	Hard sand and gravel
400	490	90	Sand and gravel
490	570	80	Sand and gravel, streaks of shale
570	584	14	Shale
Landed and cemented 584' of 18" 88 Western Stovepipe casing at 584' with 200 sacks Victor cement, last 100 sacks treated with calcium chloride. Perkins Process. Stood cemented 3 days.			
584	1144	560	Sandy
1144	1160	16	Sand
1160	1187	27	Sticky
1187	1251	64	Sandy
1251	1434	183	Sand with streaks of shale
1434	1510	76	Hard sandy, streaks of hard sand
1510	1604	94	Shale, streaks of hard shale
1604	1620	16	Sand
1620	1693	73	Shale, streaks of sand
1693	1714	21	Sand and shale
1714	1745	31	Shale, streaks of hard sand
1745	1750	5	Shell
1750	1887	137	Sandy, streaks of sand
1887	1980	93	Sandy
1980	2010	30	Sticky
2010	2140	130	Sandy, streaks of sticky
2140	2160	20	Shale
2160	2210	50	Sand, streaks of shale
2210	2220	10	Shell
2220	2230	10	Sand and shale
2230	2245	15	Sandy, streaks of sand
2245	2265	20	Sticky
2265	2320	55	Sandy, streaks of sand
2320	2380	60	Tough sticky, streaks of sandy
2380	2455	75	Sandy, streaks of hard shale
2455	2470	15	Sandy
2470	2570	100	Shale, streaks of sand
2570	2600	30	Shale and sand
2600	2608	8	Sand
2608	2630	22	Sticky
2630	2680	50	Tough brown shale
2680	2720	40	Sticky
2720	2750	30	Hard sandy
2750	2759	9	Sticky shale
2759	2774	15	Hard sandy
2774	2777	3	Shell
2777	2808	31	Hard sand and shale
2808	2855	47	Shale and sand
2855	2865	10	Sand
2865	2910	45	Shale and sand
2910	2925	15	Sand

WELL COMPLETION REPORT LOG—PRO. 18-3

WELL NO. 24

PROPERTY San Gabriel

STANDARD OIL COMPANY
of Calif.

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS.

FROM	TO	FEET	FORMATION DRILLED AND CORED
2925	2930	5	Hard sandy
2930	2950	20	Sticky
2950	3020	70	Sandy
3020	3027	7	Sticky
3027	3058	31	Sandy, streaks of sticky
3058	3065	7	Hard sand
3065	3090	25	Sticky
3090	3136	46	Sandy, streaks of hard sand
3136	3146	10	Hard sand and shale
3146	3169	23	Hard shale and sand
3169	3175	6	Hard sand
3175	3191	16	Sticky
3191	3230	39	Sandy, streaks of sticky
3230	3337	107	Sandy
3337	3360	23	Hard shale
3360	3380	20	Tough shale
3380	3390	10	Sandy
3390	3412	22	Hard sandy
3412	3417	5	Sticky
3417	3452	35	Tough and sand
3452	3455	3	Tough
3455	3470	15	Hard shale
3470	3530	60	Tough
3530	3560	30	Sandy, streaks of sticky
3560	3600	40	Sand
3600	3652	52	Tough shale
3652	3658	6	Hard sand
3658	3677	19	Hard sandy
3677	3678	1	Shell
3678	3693	15	Hard sandy
3693	3700	7	Hard sand
3700	3746	46	Hard shale
3746	3752	6	Hard sand
3752	3767	15	Hard sandy
3767	3768	1	Hard sand
3768	3793	25	Shale
3793	3821	28	Hard sandy
3821	3826	5	Hard sand
3826	3860	34	Sand, streaks of shale
3860	3865	5	Hard sand
3865	3867	2	Shell
3867	3880	13	Hard shale, streaks of sand
3880	3897	17	Tough shale
3897	3950	53	Sandy
3950	4040	90	Sandy, streaks of hard shale
4040	4045	5	Shell
4045	4073	28	Sandy
4073	4074	1	Shell
4074	4078	4	Hard sand
4078	4079	1	Shell
4079	4103	24	Hard sandy
4103	4142	39	Sandy, streaks of hard sand
4142	4165	23	Hard shale

WELL COMPLETION REPORT LOG—PRO. 18-3

WELL NO. 24 PROPERTY San Gabriel

STANDARD OIL COMPANY
of Calif.

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS.

FROM	TO	FEET	FORMATION DRILLED AND CORED
4165	4180	15	Tough
4180	4193	13	Hard shale, streaks of sand
4193	4209	16	Hard sandy
4209	4262	53	Shale, streaks of sandy
4262	4279	17	Sandy
4279	4281	2	Shell
4281	4286	5	Hard shale, streaks of sand
4286	4313	27	Hard sandy
4313	4315	2	Hard sand
4315	4336	21	Hard sandy
4336	4340	4	Hard sand
4340	4368	28	Hard sandy
4368	4543	175	Sandy
4543	4555	12	Hard sandy
4555	4560	5	Hard sand
4560	4577	17	Hard sandy
4577	4580	3	Hard sand
4580	4606	26	Hard sandy
4606	4679	73	Sandy
4679	4681	2	Shell
4681	4697	16	Hard shale, streaks of sand
4697	4712	15	Hard sand
4712	4714	2	Shell
4714	4723	9	Hard sandy, streaks of hard sand
4723	4750	27	Hard sand
4750	4767	17	Shale, streaks of sand
4767	4808	41	Hard sandy
4808	4809	1	Shell
4809	4870	61	Hard sandy
4870	4878	8	Hard shale, streaks of sand
4878	4910	32	Hard sandy
4910	4913	3	Coarse OIL SAND (Core 4910-29 Rec.19')
4913	4918	5	Brown shale, thin streaks of OIL SAND (5% OIL SAND)
4918	4929	11	Sandy brown
4929	4940	11	Hard dark sandy (Core 4929-42 Rec.13')
4940	4941	1	OIL SAND
4941	4942	1	Hard dark sandy shale

Reamed hole with 14-5/8" Wiggins reamer.

Circulated mud thru drill pipe hanging at 4940' for 16 hours at the end of which time the loss was at the rate of 3 barrels per hour. Witnessed by State Mining Bureau Representative Austin.

September 5, 1929 - Landed and cemented 11-3/4" - 60# water string at 4936' under 1100# pressure - stood cemented 7 days. Located top of hard cement at 4713'. Drilled out cement 4713' to 4936' and cleaned out 4736' to 4742'.

Bailed fluid to 1800' for water test - stood 12 hours - showed a rise of 25' of gas cut mud - no evidence of salt water from bottom. Water Shut-off approved by State Mining Bureau Representative Austin.

WELL COMPLETION REPORT LOG—PRO. 18-3

WELL NO. 24 PROPERTY San Gabriel STANDARD OIL COMPANY of Calif.

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS.

FROM	TO	FEET	FORMATION DRILLED AND CORED
Drilled ahead as follows:			
4942	4947	5	Hard sand
4947	4949	2	Hard sandy brown shale (Core 4947-50' Rec.3')
4949	4966	17	Hard sand (Core 4950-66' Blank)
4966	4975	9	Hard sandy brown shale (Core 4966-75' Rec.6')
4975	4977	2	Hard sand
4977	4997	20	Shale shell (Core 4978-97' Rec.2')
4997	5057	60	OIL SAND (Core 4997-5012' Rec.8'; 5012-31' Rec.16')
5057	5058	1	Sandy brown shale (Core 5031-50' Rec.15'; 5050-66' Rec.16')
5058	5061	3	OIL SAND
5061	5063	2	Sandy brown
5063	5066	3	OIL SAND, streaks of sandy brown shale - 3" streak of gray sand at 5066'
5066	5074	8	Sandy brown shale, streaks of OIL SAND - 40% sand (Core 5066-76' Rec.10')
5074	5076	2	OIL SAND
5076	5086	10	Hard gray sandstone (Core 5076-86' Rec.2')
5086	5109	23	Hard dark sandy (Core 5086-90' Rec.2')
5109	5111	2	OIL SAND
5111	5112	1	Sandy brown
5112	5115	3	OIL SAND (Core 5112-20' Rec.9')
5115	5130	15	Hard sandy brown (Core 5120-30' Rec.6')
5130	5133	3	Sandy brown shale, thin streaks of OIL SAND
5133	5136	3	Hard sandy brown (Core 5130-36' Rec.6')
5136	5147	11	Hard sandy (Core 5136-41' Rec.3')
5147	5151	4	OIL SAND (Core 5141-51' Rec.9')
Reamed hole with 11-3/4" Smith Underreamer from 4936' to 5151'. Circulated mud thru drill pipe hanging at 5145' for 7-1/2 hours at the end of which time the loss was at the rate of one barrel per hour. Witnessed by State Mining Bureau Representative Howard.			
September 25, 1929 - Landed and cemented 9" - 45# water string at 5147' under 150# pressure. Stood cemented 8 days. Located top of set cement at 5107'. Drilled out cement 5107' to 5147'. Cleaned out 5147' to 5151'.			
Bailed fluid to 2000' - stood 12 hours - no rise in fluid. Bailer sample from bottom showed no evidence of salt water. Water Shut-off approved by State Mining Bureau Representative Austin.			
Drilled ahead as follows:			
5151	5170	19	Sandy shale, streaks of shale
5170	5230	60	OIL SAND and dark sandy shale - 50% OIL SAND (Core 5200-15' Rec.9'; 5215-30' Rec.15')
5230	5245	15	OIL SAND (Core 5230-45' Rec.15')
5245	5263	18	Dark sandy (Core 5245-63' Rec. 8')
5263	5290	27	Hard dark sandy (Core 5263-81' Rec.3'; 5281-90' Rec.3')

WELL COMPLETION REPORT LOG—PRO. 18-3

WELL NO. 24

PROPERTY San Gabriel

STANDARD OIL COMPANY
of Calif.

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS.

FROM	TO	FEET	FORMATION DRILLED AND CORED
5290	5296	6	Dark fractured sandy (Core 5290-5308' Rec.12')
5296	5362	66	OIL SAND (Core 5308-26' Rec.18'; 5326-44' Rec.16')
5362	5387	25	Hard dark shale, streaks of OIL SAND - 25% sand (Core 5344-62' Rec.18'; 5362-69' Rec.6'; 5369-87' Rec. 7')
5387	5390	3	Dark shale (Core 5387-5405' Rec.9')
5390	5391	1	Sandstone shell
5391	5421	30	OIL SAND - 6" sandstone shell at 5412' (Core 5405- 5413' Rec.6'; 5413-21' Rec.8')
5421	5455	34	OIL SAND (Core 5421-39' Rec.18'; 5439-49' Rec.3') (5449-55' Rec.6')
5455	5473	18	Gray sandy, streaks of OIL SAND (Core 5455-73' Rec. 3')
5473	5475	2	Hard dark sandy (Core 5473-79' Rec.3')
5475	5477	2	OIL SAND
5477	5479	2	Gray sand, thin streaks of OIL SAND - 3" hard sandstone at 5479'

Reamed hole with 9" H.C.S. Underreamer from 5150' to 5479'.

October 20, 1929 - Landed 402' of liner at 5479' consisting of 1' Burney Adapter, then 58' - 6-5/8" - 28# National seamless (S.H.), then 320' of 7" - 40# - 10 thread - 130-mesh Kobe, 16 rows, 1 1/2" slots, 4" centers and 23' of 7" - 40# - 10 thread Kobe perforated (8 rows 100-mesh & 8 rows 130-mesh) 1 1/2" slots, 6" centers.

The well tested wet when put on production, averaging around 150 bbls net oil and 400 bbls water per day.

Ran Oil Fields Service Co. water witch and located water entering the hole at 5440' or below.

November 4, 1929 - Plugged hole with 7 sacks Victor cement, pumped thru tubing hung at 5475' - located top of plug at 5470'. Plugged hole with 7 sacks Victor cement, pumped thru tubing hung at 5470' - located top of cement at 5460'.

November 5, 1929 - Plugged hole with 8 sacks Victor cement, pumped thru tubing at 5459' - located top of plug at 5450'. Plugged hole with 8 sacks Victor cement, pumped thru tubing hung at 5449' - located top of plug at 5438'.

Put in 5197' of 2-1/2" U.E. tubing and rods and put well on pump November 11, 1929. Production by 24 hours periods:

Date	Net Oil (bbls)	Water (bbls)	Grav	cut
Nov. 12/29 - Pumping	218	242	18.7	46.4
13	239	313	16.5	61.0
14	194	202	18.6	53.0
15	210	150	19.3	45.0
16	235	143	20.2	42.0
17	238	122	20.2	36.7
18	250	128	20.2	37.3

Drillers: L. E. Minihan, F. P. Tucker and T. H. Hedges.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off
(BAILING)

No. T-1-19187

Los Angeles, Cal. October 11, 19 29.

Mr. L. B. Little,

Whittier, Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA Company

DEAR SIR:

Your well No. "SAN GABRIEL" 24, Sec. 11, T. 5-S., R. 12-W., S. B. B. & M., Seal Beach Oil Field, in Los Angeles County, was tested for

shut-off of water on October 7, 19 29. Mr. V. Austin, Time and date

designated by the supervisor, was present as prescribed in Section 19, Chapter 718, Statutes 1915, as amended, and there were also present

W. E. Bardley, Engineer, and

G. W. Kilpatrick, Driller.

Location of water tested above 5147' and normal fluid level not determined

Depth and manner of water shut-off: { 5147 ft. of 9 in. 45 lb. } casing was { cemented } in shale Formation
{ ft. of in. lb. } { 9/25/29 } { landed }

at 5147 ft. with 55 sacks Victor cement by casing method.

Water string was landed in 11 1/2" rotary hole. Size, rotary or cable tool

Casing record of well 18" S.P. cem. 584'; 11 1/2" cem. 4936', W.S.O.; 9" as above.

Reported total depth of hole 5151 ft. Hole bridged from - ft. to - ft. Hole cleaned out to 5151 ft. for this test.

At time of test depth of hole measured 5148 ft. and bailer brought up sample of shale and sand

At 3:30 a.m., October 7, 1929 oil bailed to - ft., drilling fluid { bailed } to 2000 ft. { swabbed }

At 3:30 p.m., October 7, 1929 top of oil found at - ft., top of fluid found at 2000 ft. Time and date

Result of test:

MR. BARDLEY REPORTED THE FOLLOWING:

1. No casing test was made.
2. 35' of set cement was drilled out of the 9" casing, equivalent to 10 sacks.

THE INSPECTOR NOTED THAT no fluid entered the well while standing 12 hr. for test.

THE SHUT-OFF IS APPROVED.

cc-J.M. Atwell
G. L. Andrews
Huntington Beach
VA:GH AHJ

R. D. BUSH
State Oil and Gas Supervisor

By *V. Austin* Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off
(BAILING)

No. T-1-18961

Los Angeles, Cal. September 21, 1929.

Mr. L. B. Little,
Whittier, Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA Company

DEAR SIR:

Your well No. "SAN GABRIEL" 24, Sec. 11, T. 5-S., R. 12-W., S. B. B. & M.,
Seal Beach Oil Field, in Los Angeles County, was tested for
shut-off of water on September 14, 1929. Mr. V. Austin,
designated by the supervisor, was present as prescribed in Section 19, Chapter 718, Statutes 1915, as amended, and there
were also present R. D. Copley, Engineer, and

I. E. Heying, Driller.

Location of water tested above 4936' and normal fluid level not determined

Depth and manner of water shut-off: { 4936 ft. of 11 3/4 in. 60 lb. } casing was { cemented } in shale
{ ft. of in. lb. } { landed } Formation

at 4936 ft. with 500 sacks Victor cement by casing method.

Water string was landed in 14-7/8" rotary hole.
Size, rotary or cable tool

Casing record of well 18" S.P. cem. 584'; 11 3/4" as above.

Reported total depth of hole 4942 ft. Hole bridged from - ft. to - ft. Hole cleaned out to 4942 ft. for this test.

At time of test depth of hole measured 4942 ft. and bailer brought up sample of set cement and shale

At 6:00 a.m., Sept. 14, 1929 oil bailed to - ft., drilling fluid { bailed } to 1800 ft.
{ swabbed }

At 6:00 p.m., Sept. 14, 1929 top of oil found at - ft., top of fluid found at 1775 ft.

Result of test:

- MR. COPLEY REPORTED THE FOLLOWING:
1. No casing test was made.
 2. 223' of set cement was drilled out of the 11 3/4" casing, equivalent to 78 sacks.

- THE INSPECTOR NOTED THE FOLLOWING:
1. The fluid rose 25' in 12 hr., equivalent to 5.6 bbl. per 24 hr.
 2. The fluid sample from 1775' was frothy gas cut mud fluid, and from 4942' was gas cut mud fluid showing some oil colors.

THE SHUT-OFF IS APPROVED.

cc-J. M. Atwell
G. L. Andrews
VA:GH

R. D. BUSH
State Oil and Gas Supervisor
By *E. J. Quinn* Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

SMB ✓
JMA
DIVISION OF OIL AND GAS
GLA
WNT
RECEIVED
SEP 28 1929
CALIFORNIA

Notice of Test of Water Shut-Off

This notice must be given at least five days before the test, and a longer time is desirable

Whittier, Cal. September 26, 19 29

Mr. E. Huguenin

Deputy State Oil and Gas Supervisor

Los Angeles, Cal.

DEAR SIR:

In compliance with Section 19, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to test the shut-off of water in well No. San Gabriel #24, Sec. 11, T. 5-S., R. 12-W., S.B. B. & M., Seal Beach Oil Field, Los Angeles County, on the 30th day of September, 19 29

9 inch 45 lb. casing was landed/cemented in hard sandy shale at 5147 (Formation) (Depth)

on September 25, 19 29 (Date)

55 sacks Victor (Kind) of cement were used.

The Perkins method was used in placing cement.

Fluid level will be bailed to a depth of 2000 feet and left undisturbed for at least 12 hours before your inspection.

The well is 5151 feet deep. There is/is not a plug or bridge from feet to feet.

Respectfully yours

Reference to file of data

Map	Model	Cross section	Cards	Forms
	113			✓ ✓

STANDARD OIL COMPANY OF CALIF.

(Name of Company or Operator)

By G.L. Andrews

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T-1-19024

Los Angeles, Cal. September 27, 19 29

Mr. L. B. Little,

Whittier, Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA ~~Company~~

DEAR SIR:

Operations at your well No. "SAN GABRIEL" 24 Section 11, T. 5-S, R. 12-W, S.E. B. & M., Seal Beach Oil Field, in Los Angeles County, were witnessed by

Paul J. Howard, representative of the supervisor,

on Sept. 22, 19 29. There was also present W. A. Hardley, Engineer, and

L. E. Minihan, Driller.

Casing Record 18" S.P. cem. 584'; 11 1/2" cem. 4936' W. S. O.

The operations were performed for the purpose of demonstrating that the formations between 4936' and 5147' were mudded until the loss was not more than 1 bbl. per hr.

and the data and conclusions are as follows:

MR. HARDLEY REPORTED THE FOLLOWING:

1. A 11 1/2" rotary hole was drilled from 4936' to 5151'.
2. Mud fluid was circulated for 7 1/2 hr. prior to the test.
3. The final rate of loss was 1 bbl. per hr.
4. The drill pipe was hanging at 5145' during the test.
5. Cores were taken from the following important depths:
5115' - 5147' - Sandy brown shale
5147' - 5151' - Oil sand

THE INSPECTOR NOTED THAT During a circulation test from 9:30 a.m. to 10:00 a.m. mud fluid was lost from the pit, at the rate of 1.0 bbl. per hr.

THE MUDDING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

Oral approval given to cement 9" casing at 5147' is hereby confirmed.

cc-J. M. Atwell
G. L. Andrews
Huntington Beach

R. D. BUSH
State Oil and Gas Supervisor

By *[Signature]* Deputy

PJH:OH

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINES AND MINING
DEPARTMENT OF PETROLEUM AND GAS

SMB
JMA
GLA
WNTSE
RECEIVED
SEP 14 1929
LOS ANGELES CALIFORNIA

Notice of Test of Water Shut-Off

This notice must be given at least five days before the test, and a longer time is desirable

Whittier, Cal. Sept. 6, 1929

Mr. E. Huguenin

Deputy State Oil and Gas Supervisor

Los Angeles, Cal.

DEAR SIR:

In compliance with Section 19, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to test the shut-off of water in well No. San Gabriel #24, Sec. 11,

T. 5-S., R. 12-W, S.B. B. & M., Seal Beach Oil Field, Los Angeles County, on the 10th day of September 1929

11 1/2 inch 60 lb. casing was landed/cemented in hard dark sandy shale at 4936 (Formation) (Depth)

on September 5, 1929 (Date)

500 sacks Victor (Kind) of cement were used.

The Perkins method was used in placing cement.

Fluid level will be bailed to a depth of 1800 feet and left undisturbed for at least 12 hours before your inspection.

The well is 4942 feet deep. There is/is not a plug or bridge from feet to feet.

Reference to file of data

M	Section	Cross Section	Cards	Forms	
				114	121
				✓	✓

Respectfully yours

STANDARD OIL COMPANY OF CALIF.

(Name of Company or Operator)

By G. L. Andrews

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T-1-18791

Los Angeles Cal. Sept. 6 19 29

Mr. L.B. Little
Whittier Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA Company

DEAR SIR:

Operations at your well No. "SAN GABRIEL" 24 Section 11, T. 5 S, R. 12 W, S.B. B. & M.,
Seal Beach Oil Field, in Los Angeles County, were witnessed by

V. Austin, representative of the supervisor,

on Sept. 3, 19 29. There was also present R. D. Copley, Engineer and R. W. Wilson,
Foreman

Casing Record 18" S.P. cem. 584'.

The operations were performed for the purpose of demonstrating that the formations between 584' and
4940' were mudded until the loss was not more than 5 bbl. per hr.

and the data and conclusions are as follows:

MR. COPLEY REPORTED THE FOLLOWING:

1. A 17" rotary hole was drilled from 584' to 4358' and a 14-7/8" rotary hole from 4358' to 4942'.
2. Mud fluid was circulated for 16 hr. prior to the test.
3. The initial rate of loss was 25 bbl. per hr.
4. The final rate of loss was 3 bbl. per hr.
5. The drill pipe was hanging at 4940' during the test.
6. Cores were taken from the following important depths:
4910-4940' - shale

THE INSPECTOR NOTED THAT during a circulation test from 9:45 a.m. to 10:15 a.m. mud fluid
was lost from the pit at the rate of 3 bbl. per hr.

THE MUDDING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

Oral approval given to cement 11 3/4" casing at 4940' is hereby confirmed.

cc--J. M. Atwell
G. L. Andrews
Long Beach 4-8

VA:ML

R. D. BUSH
State Oil and Gas Supervisor

By *E. J. [Signature]* Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P -1-20284

Los Angeles

Cal. July 29

19 29

MR. L.B. Little

Whittier Cal.

Agent for STANDARD OIL COMPANY OF CALIFORNIA Company

DEAR SIR:

Your proposal to drill Well No. "SAN GABRIEL" 24
Section 11, T. 5 S, R. 12 W, S.B. B. & M., Seal Beach Oil Field, Los Angeles County,
dated July 20 19 29, received July 25 19 29, 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 1331.36' S. and 725.85' E. from N.W. corner Sec. 11-5-12.
The elevation of the derrick floor above sea level is 9.04' U.S.G.S.
We estimate that the first productive oil or gas sand should be encountered at a
depth of about 5125', more or less."

PROPOSAL:

"We propose to use the following strings of casing either cementing or landing them
as here indicated: (Confirming conversation Copley & Austin)

Size of Casing	Weight	New or Second Hand	Depth	Landed or Cemented
28	Stovepipe	New	60	Cemented
18	"	"	575	"
11 1/2	60	"	4950	"
9	45	"	5125	"
7	40	"	5325	Landed (300' liner)

Your department will be notified to witness a mudding test prior to landing the 11 1/2" and 9" casing and tests of W.S.O. on the same. Mud fluid of a weight consistent with good drilling practice will be maintained to the surface at all times. 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.

cc--J. M. Atwell
G. L. Andrews
Huntington Beach

R. D. BUSH
State Oil and Gas Supervisor

By *[Signature]* Deputy

037-08539

CALIFORNIA STATE MINING BUREAU

DEPARTMENT OF PETROLEUM AND GAS

SMB ✓
JMA
WNT

NOTICE OF INTENTION TO DRILL NEW WELL

THIS NOTICE MUST BE GIVEN BEFORE DRILLING BEGINS

DIVISION OF OIL AND GAS

RECEIVED

JUL 25 1929

LOS ANGELES, CALIFORNIA

CHEVRON U.S.A. INC.

Whittier, California July 20, 1929

Mr. E. Huguenin,

Deputy State Oil and Gas Supervisor

Los Angeles, California

DEAR SIR:

"SAN GABRIEL" 24

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well number San Gabriel 24 Section 11 T. 5:S R. 12:W SB B. & M.,

Seal Beach Oil Field, Los Angeles County.

The well is 1331.36 feet N. or S., and 725.85 feet E. or W. from N.W. Corner Sec. 11-5-12
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 9.04 USGS feet.

We propose to use the following strings of casing, either cementing or landing them as here indicated: **Confirming conversation Copley & Austin**

Size of Casing, Inches	Weight, Lb. Per Foot	New or Second Hand	Depth	Landed or Cemented
28"	Stove pipe	New	60'	Cemented
18"	"	"	575'	"
11-3/4"	60	"	4950'	"
9"	45	"	5125'	"
7"	40	"	5325'	Landed (300' Liner)

Your department will be notified to witness a mudding test prior to landing the 11-3/4" and 9" casing and tests of W.S.O. on the same. ~~Mud fluid of a weight consistent with good drilling practice will be maintained to the surface at all times.~~

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

We estimate that the first productive oil or gas sand should be encountered at a depth of about 5125 feet, more or less.

Respectfully yours,

APPROVED BY: *[Signature]*
Address: Division Superintendent.

STANDARD OIL COMPANY OF CALIFORNIA.
(Name of Company or Operator)

Telephone number _____

By: *[Signature]*

ADDRESS NOTICE TO DEPUTY STATE OIL AND GAS SUPERVISOR IN CHARGE OF DISTRICT WHERE WELL IS LOCATED

No.	Page	Cross section	Cards	Forms
32				14
CALIFORNIA STATE PRINTING OFFICE				
<i>Bloom 7/25/29</i>				

B-28B
7/25/29
This consists of: _____



Department of Conservation


[Oil, Gas & Geothermal](#)
[Well Search Help](#)
[Online Data](#)

Division of Oil, Gas, and Geothermal Resources - Well Search

Well Information

API #	Lease	Well #	County	District
03708544	San Gabriel	55	Los Angeles[037]	1
Operator	Field		Area	
Chevron U.S.A. Inc.[C5640]	Seal Beach[688]		Alamitos[03]	
Section	Township	Range	Base	Well Status
11	05S	12W	Meridian	Plugged & Abandoned
			SB	
				Latitude
				33.756862
				Longitude
				118.110887

Sum By

 County: **Los Angeles [037]**

 Field: **Seal Beach [688]**

 Operator: **Chevron U.S.A. Inc. [C5640]**

 Lease: **San Gabriel**

Well Records

File Name	Type	Size	Modified on
03708544_1956-10-14_eLog.pdf	PDF	61.00 MB	2/16/2016
03708544_1956-10-14_eLog.tif	TIF	86.00 MB	2/16/2016
03708544_1956-11-1_DIR.PDF	PDF	1.00 MB	2/16/2016
03708544_2016-02-16_DATA.PDF	PDF	3.00 MB	2/16/2016

Production Data

 Show entries

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

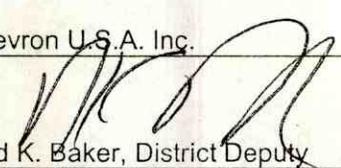
REPORT OF PROPERTY AND WELL TRANSFER

Field or County Imperial Co., Wilmington, L.A. Co., W. Coyote, Montebello, Beverly Hills, Seal Beach, El Segundo, Inglewood, Rosecrans, Venice Beach, Las Cienegas, S. Salt Lake, Dominguez, Hyperion, Lawndale, Leffingwell, Long Beach, Los Angeles Downtown, Potrero, Salt Lake, Santa Fe Springs, Cheviot Hills, Sherman, Torrance, Whittier, Howard Townsite, Huntington Beach, Yorba Linda, Orange Co., Richfield, Kraemer, W. Newport, Sunset Beach, Belmont Offshore	District District 1 (Cypress, California)
Former owner ChevronTexaco Exploration & Production Co.	C5680
Date 9/23/2005	

Well Name	API Number	Section Township Range
See Attached List For Complete List of Wells See Operator Folder (C5640) Chevron U.S.A. Inc. Dist. 1, Cypress, CA	See Attached List For Complete List of Wells See Operator Folder (C5640) Chevron U.S.A. Inc. Dist. 1, Cypress, CA	See Attached List For Complete List of Wells See Operator Folder (C5640) Chevron U.S.A. Inc. Dist. 1, Cypress, CA

Description of the land upon which the well (s) is (are) located.
 Various

Date of transfer 7/11/2005	New owner Chevron U.S.A. Inc. C5640	Type of organization Corp.
	Address: 9525 Camino Media Bakersfield, CA 93311	Telephone 661/654-7065
Reported by	OG30A received in Sacramento 9/2005	
Confirmed by	Same as above	
New operator new status PA	Designation of Agent Greg Leyendecker, Agent	
Old operator new status AB	Remarks For further information see Operator file (C5640) Chevron U.S.A. Inc.	

OPERATOR STATUS ABBREVIATIONS	Deputy Supervisor R. K. Baker	Signature  Richard K. Baker, District Deputy
PA - Producing Active		
NPA- No potential, Active		
PI- Potential Inactive		
NPI-No potential, Inactive		
AB-Abandoned or No More Wells		

	FORM AND RECORD CHECK LIST					
	Form or Record	Initials	Date	Form or Record	Initials	Date
	Form OGD121			Map and Book		
	Operator Card		9-23-05	Notice cancellations		
cc: Update; Envir Desk (2); File Conservation Committee Harold W. Bertholf, Inc. L.A. & Orange County Assessors WellStats - Cypress Dist. 1 WellStats - Sacramento HQS	Well Records		9/26/05	Bond Status	BB	 9-23-05
	Log Records		9/26/05	EDP	HQS	J.C 7-11-05
	Production Reports			Data Base	edey DJ	 9-26-05

WELL TRANSFER NOTICE

Effective August 22, 2002

**Chevron USA Inc.
Texaco California Inc.
And
Texaco Exploration and Production, Inc.**

Transferred ALL THEIR WELLS
To

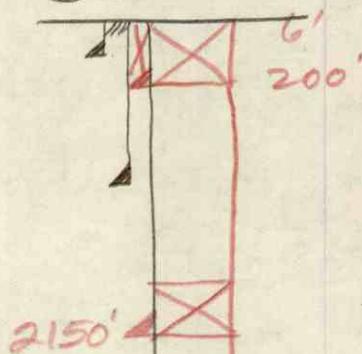
ChevronTexaco Exploration & Production Company

*See OGD156 dated October 18, 2002 in Operator File for ChevronTexaco
Exploration & Production Company (C5680) for details*

See Ownership file, CHEVRON U.S.A. INC., for Form 156 dated 1-12-77
listing all wells (Imperial, Los Angeles, and Orange Counties) transferred
effective 1-1-77 from Standard Oil Co. of Calif. (change of operating name).

Std Oil Co of Calif
"San Gabriel" 55
Seal Beach

(20")
56'
(11 3/4")
1000'



(7")

TOL 3508' 

8136'
WSO 8197'
8220'

8204' 

(5 1/2")

10265'

10,263'

10265'

T.D. 10,270

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

REPORT OF WELL ABANDONMENT

Long Beach California

May 31, 1974

Mr. R. E. France, Agent
STANDARD OIL COMPANY OF CALIFORNIA
P.O. Box 605
La Habra, CA 90631

DEAR SIR:

Your report of abandonment of Well No. "San Gabriel" 55 (037-08544),
Sec. 11, T. 5S, R12W, S.B. B. & M., Seal Beach field,
Los Angeles County, dated 4/18/74, received 5/3/74,
has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division,
which are based on all information filed with it, have been fulfilled.

RFC:rf

cc - Conservation Comm.
Fire Prevention Engineer
Fire Prevention Bureau

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

BLANKET BOND

By W.L. Ligan
Deputy Supervisor

WORK PERFORMED:

Drill Redrill Deepen

Plug Alter casing

Water flood Water disposal

Abandon /

Other

STATUS:

(Date)

Producing

Recomp. prod.

Water flood

Water disposal

Abandoned

Other

MAP AND BOOK * JLO 6-7-74

RECORDS FILED & DATE:

Clerk VAA

RECORDS & REQUIREMENTS CHECKED:

Eng. RFE

✓ Summary (dup.) 5/3/74

✓ 5-8-74

Log & Core (dup.)

✓ History (dup.) 5/3/74

✓ 5-8-74

E-log

Radio log

D. Survey

Other

(Check records for signature and correct name of operator or well, S.T.R. and field.)

Surface inspection needed RFE ^{OK}

Data needed Clerks:

Location Notice states

Request records F 170

Correct records F 165

(Specify) 105A

CARDS

Elevation Notice states

BOND: Blank

Hold Reason

Release Date Elig. F 150b

End Premium year

Release requested (Check)

Bond superseded (one)

Well abandoned

Production Reports

(If production reports not received, make notation and inform Sr. Steno. when rec'd.)

FINAL LETTER Yes RFE F 159 if

and

FILE CLEARED F 121 ag

If stimulation or disposal well:

Form 121 Folder

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Report on Operations

No. T 173-1063

Mr. R. E. France, Agent
STANDARD OIL CO. OF CALIF.
P.O. Box 605
La Habra, CA 90631

Long Beach, Calif.
Oct. 31, 1973

DEAR SIR:

Operations at well No. "San Gabriel" 55, API No. 037-08544, Sec. 11, T. 5S, R. 12W,
S.B., B & M. Seal Beach Field, in Los Angeles County, were witnessed
on Oct. 16, 1973. Mr. W. Guerard, Engineer, representative of the supervisor was
present from 1100 to 1230. There were also present K. Utterback, Contractor and
G. Brucker, Driller.

Present condition of well: 20" cem. 56'; 11-3/4" cem. 1000'; 7" cem. 8220', cp 2150', perf.
8197', WSO, pulled fr. 219'; 5-1/2" ld 8136'-10,265', perfs. 8204'-10,263'. T.D. 10,270'.
Plugged with cem. 10,204'-7317', 2151'-1936'+ and 223'-10'.

The operations were performed for the purpose of witnessing the plugging operations in the
process of abandonment.

DECISION: **THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.**

WC:dr

cc Production Dept.

5-29-74 (RKB)
The well site has been
graded over and there
is no evidence of
oil, gas or water seepage.

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

By W. J. Ingram Deputy

Cementing/Plugging Memo

Handwritten initials

173-1063

Operator STANDARD OIL CO. OF CALIF.
 Well No. "San Gabriel" 55 Sec. 11, T. 5S, R. 12W, SB B&M
 Field Seal Beach, County L.A. On OCT. 16, 1973
 Mr. W. GUERARD, representative of the supervisor was present from 1100 to 1230.
 There were also present K. UTTERBACK, CONTRACTOR & G. BRUCKER, DRILLER

Casing record of well: 20" cem. 56'; 11 3/4" CEM. 1000'; 7" CEM. 8220' C.P. 2150'
PERF. 8197' WSO, PULLED FR. 219'; 5 1/2" Id. 8136'-10,265', perfs. 8204'
-10,263'. TD 10,270', plugged w/ cem 10,204'-7317', 2151'-1936±, & *

The operations were performed for the purpose of (L)
* 223'-10'

The plugging/cementing operations as witnessed and reported are approved.

The location and hardness of the cement plug @ _____' is approved.

Hole size: _____" fr. _____' to _____', _____" to _____' & _____" to _____'

Casing			Cemented			Top of Fill		Squeezed Away	Final Press.	Perfs.
Size	Wt.	Top Bottom	Date	MO-Depth	Volume	Annulus	Casing			
7"	(SEE HISTORY)		10/14/73	TBG @ 2121'	100 SX	—	—	70 C.F.	1000	4 (1/2") HOLES @ 2150'

Casing/tubing recovered: 7" shot/cut at 219', _____', _____' pulled fr. 219';
 Junk (in hole): _____" shot/cut at _____', _____', _____' pulled fr. _____'.

Hole fluid (bailed to) at _____'. Witnessed by _____

Mudding	Date	Bbls.	Displaced	Poured	Fill	Engr.
	10-12-73	310	tub. @ 7250'		✓	L. Olson

cleaned out to 10,235'

Cement Plugs		Placing	Placing Witnessed		Top Witnessed			
Date	Sx./cf	MO & Depth	Time	Engr.	Depth	Wt./Sample	Date & Time	Engr.
10-11-73	400 cf (87% gel)	tub. @ 10,204'	1300/1320	L. Olson	7317	10000 #	10-12-73/1200	Colosi
10/14/73	100 SX	TBG @ 2151'*	RPT'D BY UTTERBACK		1936±	—	RPT'D BY UTTERBACK	
10/16/73	6 yds ³	TBG @ 223'	1130	GUERARD	10'	(REINS) SEEN	10/16/73 1200	W. GUERARD

* AFTER EQUALIZING 100 SX. CEM. W/ TBG. @ 2151', THE TBG. WAS PULLED UP TO 1550', THE B.O.P. WAS CLOSED, AND 70 C.F. CEM. WAS SQZ'D AWAY W/ 1000 PSI FINAL PRESSURE (THE PRESSURE BLED OFF NATURALLY).

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 173-821

Mr. R. E. France, Agent
STANDARD OIL CO. OF CALIF.
P.O. Box 605
La Habra, CA 90631

Long Beach, Calif.
July 27, 1973

DEAR SIR:

(037-08544)

Your proposal to abandon Well No. "San Gabriel" 55
Section 11, T. 5S, R. 12W, S.B. B. & M., Seal Beach Field, Los Angeles County,
dated 7/24/73, received 7/25/73, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. A COPY OF THIS APPROVAL SHALL BE POSTED AT THE WELL SITE PRIOR TO COMMENCING OPERATIONS.
2. Blowout prevention equipment with a minimum 2000 psi working pressure shall be installed and maintained in operating condition at all times.
3. All well records listed in Sec. 3232 of the Public Resources Code are received five days after completion of the abandonment work.
4. The 7" casing shall be perforated at 2150' and sufficient cement shall be used to fill the annular space behind the casing to at least 2100'.
5. THIS DIVISION SHALL BE NOTIFIED:
 - a. To witness the placing and hardness of the cement plug at 8075'.
 - b. To witness the mudding of the hole.
 - c. To witness the placing of the surface plug from 200' to 6'.
 - d. To inspect and approve the clean-up of the well site before approval of abandonment will be issued.

ADS:dr

Blanket Bond

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

By W. E. Ingram, Deputy

DIVISION OF OIL AND GAS
RECEIVED

JUL 25 1973

LONG BEACH, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

D.O.G. - Long Beach (2)

C. L. Thomas-Expl.-SF
R. R. Johnston-Expl.-SF
Data Coord.-Expl.-SF
S. F. Well File
Land Dept.-IH
H. B. Well File
Control, Rm. 125-IH (2)

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

FOR DIVISION USE ONLY			
CARDS	BOND	FORMS	
		114	121
ARG	B	ARG	ARG

DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resources Code, notice is hereby given that it is our intention

to abandon Well No. San Gabriel 55, API No. _____,

Sec. 11, T. 5-S, R. 12-W, S.B. B. & M., Seal Beach Field, Los Angeles County.

commencing work on _____, 19____.

The present condition of the well is:

- Total depth: 10,270' Plugs: None
- Complete casing record, including plugs and perforations:
 20" cemented 56'
 11-3/4" cemented 1000'
 7" cemented 8220'. W.S.O. 8197'
 2129' of 5-1/2" hung 10,265'. Top at 8136'
 Perf'd 8204'-10,263'.
- Last produced Aug. 1966 6 8 37
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)
 or
- Last injected _____
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure)

Additional data for dry hole (show depths)

- Oil or gas shows
- Stratigraphic markers:
- Formation and age at total depth:
- Base of fresh water sands: _____

The proposed work is as follows:

- Install Class II-B BOPE. Pull tubing.
- Clean out to 10,265'. Plug 5-1/2" liner and 7" casing from 10,265' or as deep as possible to 8075' or higher with cement. Your Division to witness location and hardness of plug.
- Fill hole with salvage mud.
- Shoot four 1/2" holes at 200'. Plug the 7" casing and 7"x11-3/4" annulus from 200' to surface with cement. Your Division to witness.
- Weld steel plate across casing stubs. Abandon location.

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

Address P. O. Box 605
(Street)
La Habra, California 90631
(City) (State) (Zip)
 Telephone Number (213) 691-2251

Standard Oil Co. of California, WOI
(Name of Operator)
 By R. E. France July 24, 1973
(Name) (Date)
 Type of Organization Corporation
(Corporation, Partnership, Individual, etc.)

San Gabriel #55
Seal Beach

Standard Oil Company of California

S U M M A R Y (Continued)

PERFORATIONS: 7" jet perforated with four 1/2" holes at 8197' (W.S.O.),
Johnston jet gun.
5-1/2" perforated from 8204-10,263' with 12 rows, 2" x 100 mesh,
6" centers, straight machine-cut slots.

JUNK: None

Type

Intervals Logged

LOGS RUN: Halliburton

56-10,270'.

DOG-2 ✓
CWG
HCB
MC-File
Rev.File

COMPLETION REPORT - NEW WELL PRO-318-D

STANDARD OIL COMPANY OF CALIFORNIA

RECEIVED
APR 24 1957

FIELD: Seal Beach
PROPERTY: San Gabriel
WELL NO. 55 Sec. 11, T. 5-S., R. 12-W., S.B. B.& M.
LOCATION: 2183.1' southeasterly along property line and 220.1' southwesterly at right angles to said line from Station 51, the most westerly corner of the Continental Oil Company Bixby Lease.

ELEVATION: 19.05' D.F. U.S.G.S. D.F. above concrete mat 10.5'

DATE: April 9, 1957
Standard Oil Company of California
By Standard Oil Company of California,
Western Operations, Inc.

W. C. Johnson
Manager, Prod. Dept. So. Div.

=====

DRILLED BY: Standard Oil Company crew, using portable rotary equipment.
COMMENCED DRILLING: October 13, 1956 COMPLETED DRILLING: November 26, 1956
DATE OF INITIAL PRODUCTION: December 14, 1956

PRODUCTION:	*Daily average for 28 days	Gravity	31.0° API	<u> </u> x PUMPING
	Oil 61 Bbl.	T.P.	-	<u> </u> FLOWING
	Water 119 Bbl.	C.P.	-	
	Gas 31 Maf.	Orifice	-	

* January 1957 Pro-420 figures.

S U M M A R Y

TOTAL DEPTH: 10,270' PLUGS: None
CASING: 20" cemented 56' Not tested.
11-3/4" cemented 1,000' with 950 sacks. Cemented annulus at 65' with 90 sacks. Not tested. 18-1/2" hole.
7" cemented 8,220' with 1000 cu.ft. perlite and 200 sacks neat cement. W.S.O. on holes at 8197' by D.O.G. 9-7/8" hole.
2129' 5-1/2" hung 10,265' Perforated 8204-10,263'. Top at 8136'. 9-7/8" hole.

(Summary continued on next page.)

San Gabriel #55
Seal Beach

DIVISION OF OIL AND GAS
RECEIVED
APR 24 1957 2.
Standard Oil Company of California

Well drilled to the Lane zone by Company crew, using a portable mast and Emsco J-1000 #7 equipment, with the derrick floor 10.5' above the concrete mat.

September 19, 1956, Barney's Hole Digging Service, contractor, moved in and drilled a 29" hole to 56'.

September 19, 1956, cemented 20" conductor pipe at 56' with ready mixed concrete.

Casing Detail: All 1 joint, or 56', are 20", 79#, Grade B, range 3, plain end, new National, seamless blank casing. Fitted on bottom at 56' with a 1/2" x 4" steel band welded on for a shoe.

October 13, 1956, spudded in at 10:00 a.m. and drilled 17" hole from 56' to 70'; reduced 17" hole to 9-7/8" hole at 70' and drilled to 1000'.

October 14, 1956, ran Halliburton electric log and recorded from 56' to 1000'.

Opened 9-7/8" hole to 18-1/2" from 70' to 1000'.

October 14, 1956, cemented 11-3/4" casing at 1000' with 950 sacks of type "A" cement, mixed to an average 116#/cu.ft. slurry. Used one top plug. Preceded cement with 100 cubic feet of water. Displaced cement with 618 cubic feet of drilling fluid and water. Casing free and good circulation throughout with cement returns to the surface. Finished job at 8:15 p.m. Used Halliburton Cementing Company power equipment and bulk cement.

Casing Detail: All 25 joints, or 1000', are 11-3/4", 47#, short 8-round thread, J-55, range 3, new, Jones & Laughlin, Youngstown and National, seamless blank casing. Fitted from 998' to 1000' with a 2" x 11-3/4" Baker cement guide shoe; from 916' to 918' with a 2" x 11-3/4" Baker baffle collar and at 992' and 978' with Larkin centralizers.

Pumped 90 sacks of cement through 1" line pipe hanging at 65' in annulus of 20" and 11-3/4" casings to bring cement to the surface.

Cut and recovered 12' of 20" conductor pipe, all of which was below the derrick floor.

Cut and recovered 19' of 11-3/4" casing, 11' of which was below the derrick floor.

APR 24 1957 3.

San Gabriel #55
Seal Beach

Standard Oil Company of California
LAW OFFICES - OIL CITY

October 15, 1956, installed Class III B.O.P. and tested under 800# pressure - held O.K.

October 15, 1956, drilled out cement from 916' to 1000' including shoe of 11-3/4" casing at 1000'.

October 15-November 19, 1956, drilled 9-7/8" hole from 1000' to 10,270'. Displaced clay water fluid with emulsion fluid at 4800'.

November 20, 1956, ran Halliburton electric log and recorded from 1000' to 10,270'.

November 21, 1956, cemented 7" casing at 8220' with 1000 cubic feet of 1:1 ratio perlite and type "D" cement, mixed to an average 86#/cu. ft. slurry; followed by 200 sacks of type "D" neat cement, mixed to an average 116#/cu.ft. slurry. Used two top plugs. Preceded cement with 100 cubic feet of water. Displaced cement with 1790 cubic feet of drilling fluid and water under 0-1500# final pressure. Moved casing from 8205' to 8230' while pumping cement to place. Casing free and good circulation throughout. One hour and five minutes mixing and pumping cement to place. Finished job at 6:40 a.m. Used Halliburton Cementing Company power equipment and bulk cement.

Casing Detail:

Bottom	36 joints, or 1551', are 7", 26#, long 8-round thread, N-80, range 3, new, Youngstown, seamless blank casing. Fitted from 8218' to 8220' with a 2' x 7" Baker flex-flow shoe; from 8135' to 8137' with a 2' x 7" Baker flex-flow collar and at 8212', 8198', 8184' and 8170' with B & W centralizers.
Next	47 joints, or 2018', are 7", 23#, long 8-round thread N-80, range 3, new, Youngstown, seamless blank casing.
Next	89 joints, or 3434', are 7", 23#, short 8-round thread, J-55, range 3, new, English made, seamless blank casing.
Next	26 joints, or 1143', are 7", 23#, long 8-round thread, N-80, range 3, new, Youngstown, seamless blank casing.
Top	2 joints, or 74', are 7", 26#, long 8-round thread, N-80, range 3, new, Youngstown, seamless blank casing.
<u>Total</u>	<u>200 joints, or 8220'</u>

Cut and recovered 25' of 7" casing, 12' of which was below the derrick floor.

November 21, 1956, re-installed Class III B.O.P. and tested under 2000# pressure - held O.K.

November 22, 1956, drilled out cement from 8138' to 8200' with a 6-1/8" bit.

DIVISION OF OIL AND GAS
RECEIVED
APR 24 1957

November 23, 1956, Johnston Water Shut-Off Test on Jet Holes in 7" Casing at 8197': Ran combination gun and tester and shot four 1/2" holes at 8197'. Set packer at 8156'. Opened tool at 10:00 a.m. Open sixty minutes. Light blow for four minutes then dead for remainder of test. Recovered 2700' of gas-cut mud, oil and gas in 3-1/2" drill pipe. No free water. Charts indicated tool open. Test witnessed and water shut-off approved by Inspector D. Allen of the Division of Oil and Gas.

Tool Assembly: Not available

November 23, 1956, drilled out cement from 8200' to 8240' including shoe of 7" casing at 8220'; cleaned out to 10,270' and circulated hole clean.

November 24, 1956, hung 2129' of 5-1/2" liner at 10,265', perforated from 8204' to 10,263'.

Liner Detail:

Bottom	63 joints, or 2061', are 5-1/2", 20#, short 8-round thread, J-55, range 2, new and secondhand, National and unknown make, seamless casing. Perforated from 8204' to 10,263' with 12 rows, 2" x 100 mesh, 6" centers, straight machine-cut slots. Fitted from 10,263' to 10,265' with a 2' x 5-1/2" shop made shoe.
Top	2 joints, or 68', are 5-1/2", 20#, J-55, range 2, new, National, seamless blank casing. Fitted from 8136' to 8138' with a 2' x 7" Burns plain liner hanger.

Total 65 joints, or 2129'

November 25, 1956, hung 2-1/2" tubing (including 2284' of 2" on bottom) at 10,149'.

Tubing Detail:

Top	7865', is 2-1/2", 6.5#, 8-round thread, J-55, range 2, new, Jones and Laughlin, seamless blank tubing. (Number of joints unknown.)
Bottom	2284', is 2", 4.7#, 8-round thread, J-55, range 2, new, Youngstown, seamless blank tubing. (Number of joints unknown.)

Total 10,149'

Displaced drilling fluid with oil.

APR 24 1957

5.

San Gabriel #55
Seal Beach

Standard Oil Company of California

Ran rods.

Crew released at 8:30 a.m., November 26, 1956.

Well completed in the Lane zone.

PRODUCTION TREND

1956 Date	Hrs. Pmpg.	B/D Oil	B/D Wtr.	% Cut	°API Grav.	MCF/D Gas	# C.P.	# T.P.	Remarks
12- 1	16	*44	1	3.0		0	Vac.	40	4-26' SPM
12- 2	24	*74	129	63.5		0	Vac.	50	
12- 3	24	*62	109	64.0		0	Vac.	50	
12- 4	24	*44	178	80.0		0	Vac.	65	5-26' SPM. Deptho: FL-3910', FOP-6239', CP-0 psi, 6.45-22' SPM, Pmp.Vol.Eff. 75%.
12- 5	18	*26	121	82.0		0	Vac.	65	Engine dead.
12- 6	24	No Production					Vac.	65	5-26' SPM
12- 7/10		Pulled rods and tubing and found pump shoe cut out. While running tubing well attempted to flow through tubing. Killed well with oil and reran tubing and rods.							
12-11	12	*200	265	57.0			Vac.	70	5-26' SPM
12-12	24	*67	459	87.0		32	20	50	
12-13	24	*135	229	63.0		35	84	50	Deptho: FL-5210', FOP-2599', CP-84 psi, 3.8-22 SPM. Pmp.Vol. Eff. 90%.
12-14	24	*52) 56)	211	66.0		26	170	55	5-26' SPM
12-15	24	95	244	72.0		25	100	50	
12-16	24	69	240	78.0		28	50	50	
12-17	24	33	245	88.0		23	22	50	Deptho: FL-3250', FOP 4559', CP-22 psi, 5.64-26' SPM. Pmp.Vol. Eff. 35%
12-18	24	33	245				22	50	
12-19	24	64	229	78.0		35	186	50	5-26' SPM. Deptho: FL- 6620', FOP-1189', CP- 186#, 5.64-26' SPM, Vol.Eff. 13%
12-20	4	11	38				186	50	Sent Pump to shop.
12-21	24	50	333	87.0		33	190	50	5-26' SPM
12-22	24	45	198	81.0		32	190	50	
12-23	24	52	206	80.0	31.0	37	190	50	

*Recoverable oil.

San Gabriel #55
Seal Beach

RECEIVED
APR 24 1957 6.
Standard Oil Company of California

During January 1957, well averaged 61 B/D oil, 119 B/D water, 31 MCF/D gas, 31.0° gravity, for 28 days. (Pro-420 figures.)

DRILLING FLUID HISTORY

<u>1956</u> <u>Date</u>	<u>Interval</u>	<u>Type of</u> <u>Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Filter Loss</u>
10/13-10/19	56-4800'	Gel-natural	78-80	40-60	8-12
19/19-11/26	4800-10,270'	High pH Emulsion	75-78	45-60	1.3-5.2

Drillers: H. Christian
O. Rust
L. L. Berry
J. R. Bird
R. McBeath
E. A. Mason
R. F. Dargatz
H. E. Coffey

N. TWERELL

NT:sc
April 9, 1957

re-completion or abandonment report

RECEIVED

MAY 3 10 42 AM '74



STANDARD OIL COMPANY OF CALIFORNIA,
WESTERN OPERATIONS, INC.

DIV. OF OIL AND GAS
FIELDING Seal Beach, CA.

PROPERTY: San Gabriel

WELL NO: 55

Sec. 11 T. 5S R. 12W S.B. B. & M.

Following is complete and correct record of all work done on the well since the previous record dated 4-9-57

PURPOSE OF WORK: Abandon well.

STANDARD OIL COMPANY OF CALIFORNIA
By STANDARD OIL COMPANY OF CALIFORNIA, WESTERN OPERATIONS, INC.

DATE OF REPORT: April 18, 1974

R. E. France *R E France*
Operations Subt., Prod. Dept., So. Calif. Div.

WORK DONE BY: Crane & Utterback

COMMENCED OPERATIONS: 10-9-73

COMPLETED OPERATIONS: 10-16-73

DATE WELL LAST PRODUCED: 8-66

DATE RETURNED TO PRODUCTION: Abandoned

PRODUCTION:

PRIOR TO WORK

AFTER WORK

Oil	5	B/D	B/D
Water	37	B/D	B/D
Gas	8	Mcf/D	Mcf/D
Gravity	26.7	°API	°API
Tubing		PSIG	PSIG
Casing		PSIG	PSIG
Method of Production: Pumping	X		
Flowing			
Gas Lift			

SUMMARY

TOTAL DEPTH: 10,270'.

PLUGS: 9 - 223' cement, sand and rock slurry.
2,015+ - 2,151' cement.
7,317 - 10,204' cement.

CASING DETAIL: 20" cemented at 56'.
11-3/4" cemented at 1000' with 950 sacks cement.
7" cemented at 8220' with 1240 cu. ft. WSO 8197'. CP'd 2150'.
Recovered from 219'.
2129' - 5-1/2" hung at 10,265', top at 8136'.

PERFORATIONS: 5-1/2" liner at 8204-10,263' with 100 mesh slots.

Distribution:

D.O.G.-Long Beach (2)
C. L. Thomas-Expl.-SF
R. R. Johnston-Expl.-SF
Data Coord.-Expl.-SF

Section 420-Concord
S. F. Well File
H. B. Well File
W. H. Engel

- Oct. 9, 1973 Moved in, rigged up.
- Oct. 10, 1973 Killed well with lease water, recovered 125 bbls. oil.
- Oct. 11, 1973 Installed Class IIB BOPE, unlanded tubing, tagged hard fill at 10,235'. Plugged 5-1/2" liner and 7" casing in five stages with 402 cu. ft. Class "G" cement treated with 0.2% R-5 and 8% gel (no gel in last stage) as follows:
- | | | | |
|-----------|-------------|----|---------|
| 1st Stage | 68 cu. ft. | at | 10,204' |
| 2nd Stage | 68 cu. ft. | at | 9,654' |
| 3rd Stage | 68 cu. ft. | at | 9,104' |
| 4th Stage | 90 cu. ft. | at | 8,554' |
| 5th Stage | 108 cu. ft. | at | 8,004' |
- Oct. 12, 1973 Located top of cement at 7317', displaced hole fluid with 72 pcf salvage clay mud. Witnessed and approved by Division of Oil and Gas.
- Oct. 13, 1973 Gammaloy jet perforated the 7" casing at 2150' with four 1/2" holes.
- Oct. 14, 1973 With tubing hung at 2151', equalized 100 sacks Class "G" cement. Pulled to 1550' and downsqueezed with 70 cu. ft. under 1000 psi.
- Oct. 15, 1973 Gammaloy collar shot the 7" casing at 219'. Removed BOPE and recovered 7" casing from where shot at 219'. Ran tubing to 223', pumped in 162 cu. ft. cement, sand and pea gravel slurry. Good cement returns to cellar. Cut off the 11-3/4" casing at cellar floor (9' below ground level) and welded 3/4" steel plate on 11-3/4" stub. Cementing and welding operations witnessed and approved by Division of Oil and Gas and City of Long Beach Building and Safety Inspector.
- Hole abandoned.

J. A. STURGIS

JAS:sr

La Habra, California
April 18, 1974

COMPLETED PRODUCING ON 12-14-56

ABANDONED ON 1-1-57

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

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

No. T 156-1695

Mr. W C JOHNSON
P O Box 397
LA HABRA California
Agent for STANDARD OIL CO OF CALIFORNIA

Los Angeles 15 Calif.
November 30, 1956

DEAR SIR:

Your well No. "San Gabriel" 55, Sec. 11, T. 5 S, R. 12 W, S B B & M.
Seal Beach Field, in Los Angeles County, was tested for water shut-off
on November 23, 1956. Mr. D. R. Allen, Engineer, designated by the supervisor was present
from 5:00 to 5:30 p.m. as prescribed by law; there were also present S. Booth, Engineer,
O. Runt, Driller.

Shut-off data: 7 in. 23 & 26 lb. casing was xxcemented xxxx at 8220 ft.
on November 21, 1956 in 9-7/8 in. hole with 1240 cu. ft. ~~sets of cement~~
the first 1000 cu. ft. premixed 1:1 Perlite & 4% Gel.

calculated to fill behind casing to 3508 ft. below surface.
Casing record of well: 20" cem. 40'; 11-3/4" cem. 1000'; 7" cem. 8220', four 1/2" holes 8197',
W.S.O.

Present depth 10,270 ft. cmt. bridge 8220 ft. to 8200 ft. Cleaned out cmt. 8138 ft. to 8200 ft. for test.
A Johnston gun and tester was run into the hole on 3-1/2 in. drill pipe ~~xx~~
with ~~xxxx~~ ft. of water-mud cushion, and packer ~~xx~~ set at 8156 ft. with tailpiece to 8177 ft.
Tester valve, with 3/4 in. bean, was open for 1 hr. and ~~xxxx~~ min. During this interval there was a
light blow for 4 min., and no blow thereafter.

Mr. Booth reported:

1. A 9-7/8" rotary hole was drilled from 1000' to 10,270'.
2. The 7" casing was shot-perforated with four 1/2" holes at 8197'.

THE ENGINEER NOTED:

1. When the drill pipe was removed, 2700' of gas-cut mud, oil and gas was found in the drill pipe above the tester, equivalent to 20.0 bbl.
2. There was no evidence of free water.
3. The recording pressure bomb chart showed that the tester valve was open 1 hr.

THE 7" SHUT-OFF AT 8197' IS APPROVED.

DRA:OH

cc Mr K B ^{Mc}Namara
Long Beach

Mr C W Gibbs, Asst Gen Mgr Producing Dept
Standard oil Co of California
225 Bush Street
SAN FRANCISCO 20 California

E. H. MUSSER
State Oil and Gas Supervisor

By R. W. Walling Deputy
FEK

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCESD
DIVISION OF OIL AND GAS
REPORT ON PROPOSED OPERATIONSNo. P 156-1417Mr. W C Johnson
P O Box 397
La Habra California
Agent for STANDARD OIL CO OF CALIFORNIALos Angeles 15 Calif.
October 4, 1956

DEAR SIR:

Your proposal to drill Well No. "San Gabriel" 55,
Section 11, T. 5 S., R. 12 W., S.B. B. & M., Seal Beach Field, Los Angeles County,
dated Sept. 28, 1956, received Oct. 1, 1956, has been examined in conjunction with records filed in this office.

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

THE NOTICE STATES

"Location of Well: 2183.1 feet southeasterly along property and 220.1 feet southwesterly at right angles to said line from Station 51, the most westerly corner of the Continental Oil Company Bixby Lease (Final)

Elevation of ground above sea level 19.05 feet U.S.G.S. datum. (Final)

All depth measurements taken from top of derrick floor which is 10.5 feet above concrete mat. (Final)"

PROPOSAL

"PROPOSED CASING PROGRAM

Size of Casing

Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
20"	Conductor		0	40'	40'
11-3/4"	47#	J-55	0	800'	800'
7"	23# and 26#	J-55 & N-80	0	8300'	8300'
5-1/2"	20#	J-55	8,200'	10,300'	Landed Liner

Intended zone or zones of completion: Lane Zone

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

DECISION

THE PROPOSAL IS APPROVED PROVIDED THAT

1. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
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 to witness a test of the effectiveness of the 7" shut-off.

RGF:ys

cc Long Beach
Mr C W Gibbs
Mr K B McNamara

E. H. MUSSER, State Oil and Gas Supervisor

By R. W. Halling, Deputy

Blanket Bond

037-08544
RECEIVED
OCT 1 1956
LOS ANGELES, CALIFORNIA

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

CHEVRON U.S.A. INC.

La Habra Calif. Sept. 28 1956

DIVISION OF OIL AND GAS

"SAN GABRIEL" 55

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. San Gabriel 55, Sec. 11, T. 5, S. 9

R. 12 W., S. B. B. & M., Seal Beach Field, Los Angeles County.

Legal description of mineral right lease, consisting of _____ acres, is as follows: _____ (Attach map or plat to scale)

Do mineral and surface leases coincide? Yes _____ No _____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 2183.1 feet southeasterly along property section line and 220.1 feet southwesterly (Direction)

at right angles to said line from the Station 51, the most westerly corner of property section the

Continental Oil Company Bixby Lease (Final)

Elevation of ground above sea level 19.05 feet U.S.G.S. datum. (Final)

All depth measurements taken from top of derrick floor which is 10.5 feet above ground: concrete mat (Final)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
20"	Conductor		0	40'	40'
11-3/4"	47#	J-55	0	800'	800'
7"	23# and 26#	J-55 & N-80	0	8300'	8300'
5-1/2"	20#	J-55	8,200'	10,300'	Landed Liner

Intended zone or zones of completion: Lane Zone (Name) (Depth, top and bottom)

Estimated total depth _____

MAP	MAP BOOK	CARD	BOND	FORMS
32	GC	EB	Blanket	114 121

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

Address Box 397, La Habra

Standard Oil Company of California (Name of Operator)

Telephone Number Oxford 71721

By W.C. Johnson, Mgr. Prod. Dept., So. Div.

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