

Las Cruces

U. S. LAND OFFICE 063965

SERIAL NUMBER

LEASE OR PERMIT TO Phillips

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **SOUTHERN CALIFORNIA PETROLEUM CORPORATION** Box 1071, Midland, Texas
Lessor or Tract **Phillips** Field **Undesignated** State **New Mexico**
Well No. **3** Sec. **24** T. **24S** R. **36E** Meridian **N.M.P.M.** County **Lea**
Location **2310** ft. {N.} of S. Line and **330** ft. {E.} of E. Line of Sec. **24** Elevation **3310**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **May 17, 1954** Signed **[Signature]** Title **Petroleum Engineer**

The summary on this page is for the condition of the well at above date

Commenced drilling **4/3**, 19 **54** Finished drilling **4/25**, 19 **54**

OIL OR GAS SANDS OR ZONES

No. 1, from **3474** to **3479** No. 4, from _____ to _____

No. 2, from **3499** to **3510** No. 5, from _____ to _____

No. 3, from **3518** to **3539** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	147	8 rd.	3475	100	Plug				Production
5 1/2"	100	10 rd.	3475	100	Plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	283'	125	Plug		
5 1/2"	3475'	200 sack @ shoe 100 " 10% @ 1211'	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **Surface** feet to **3555** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **May 13**, 19 **54**
The production for the first 24 hours was **175** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment.
Gravity, °Bé. **36**
If gas well, cu. ft. per 24 hours _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	140	140	Surface gravel, etc.
140	1148	1008	Red beds
1148	1250	102	Anhydrite
1250	2850	1600	Salt & anhydrite
2850	2992	142	Dolomite & anhydrite
2992	3170	178	Sand
3170	3474	304	Interbedded sand & dolomite
3474	3479	5	Sand (pay)
3479	3498	19	Dolomite
3498	3510	12	Sand (pay)
3510	3518	8	Dolomite
3518	3539	21	Sand (pay)
3539	3555	16	Dolomite

(OVER)
FORMATION RECORD—continued

PLEASE OR PERMIT TO PROCEED
SERIAL NUMBER
LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are no markings or text on the page.

LOCATE WELL CORRECTLY

[illegible]

The summary on this page is for the treatment of 4000 bales.
Dried
packer and treated well with 4000 bales. Domeil Scaffolding,
Title _____
using 6'000# sand.

Signed _____

Set Baker bridge plug 2 10-6". Pumped in 100 sack neat cement through Baker Model RT-8 retainer. MOC 5 hrs. but cement would not set. Pumped 50 sacks cement mixed w/50 sack cement. Baker bridge plug and left cement in casing. MOC 36 hrs. Drilled out cement. Tested casing and found it still taking fluid 3.2 bbls/min @ 1300#.

Weight per foot	Thickness per inch	Waste	Amount	Kind of shoe	Cut and pulled from	Process	Purposes

Treated with 4000 lbs. Dowell Stratoform.
 During treatment,

CASIN RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of relogging, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was backtracked or left in place, well, give its size and location. If the well has been dynamited, give date, size, position, and name of the shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

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Case No.	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

DATE		FROM		TO	
feet	to feet	feet	and from	feet	to feet
feet	to feet	feet	and from	feet	to feet

DATES

Rock pressure, lbs. per sq. in.	
Gas well, cu. ft. per 24 hours	
Viscosity: % water; and % sediment.	
Time production for the first 24 hours was	
Barrels of fluid of which % was oil; %	
Net to producing	

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

[illegible]