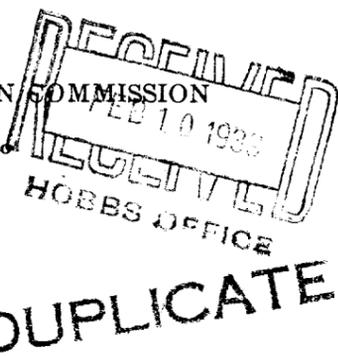


AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

DUPLICATE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

**Phillips Petroleum Company** **Bartlesville, Oklahoma**  
Company or Operator Address

**Santa Fe** Well No. **18** in **NE/4** of Sec. **34**, T. **17-S**  
Lease

R. **35-E** N. M. P. M. **Vacuum** Field, **Lea** County.

Well is **660** feet south of the North line and **1980** feet west of the East line of **Section 34**

If State land the oil and gas lease is No. **B-2519** Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

The Lessee is **Phillips Petroleum Company** Address **Bartlesville, Oklahoma**

Drilling commenced **December 26,** 19 **38** Drilling was completed **January 22,** 19 **39**

Name of drilling contractor **Loffland Brothers** Address **Tulsa, Oklahoma.**

Elevation above sea level at top of casing **3924.9'** feet.

The information given is to be kept confidential until **Not confidential** 19 \_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **4185'** to **4550'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **None logged- drilled** to **with rotary tools** feet. \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
9-5/8" OD	36#	8	South- chester	1634'6"	Halliburton				
7" OD	24#	10	SS	4185'0"	Halliburton				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	1634'6"	865	Halliburton		
8-3/4"	7"	4185'0"	400	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
1000 gal.		Dowell XX	1000 Gal.	1-27-39	4200-4550	

Results of shooting or chemical treatment **After treating, swabbed 3 hours to 3500' & well started flowing. During 3 hrs. swabbing & 4 hours flowing recovered 180 bbls. oil load & acid. On 6 hr. test flowed 178 bbls. oil, 0 water thru 3/4" choke on 2" tubing. Gas measured 317 MCF daily. Gas-oil ratio 445.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **4550** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **January 27, 1939**, 19 \_\_\_\_\_

The production of the first 24 ~~hrs~~ hours was **178** barrels of fluid of which **100** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be. **38.5**

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 ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **7th** **Odessa, Texas** **February 7, 1939**

day of **February** 19 **39** Name *[Signature]* Date \_\_\_\_\_

Position **District Chief Clerk**

Notary Public \_\_\_\_\_ Representing **Phillips Petroleum Company**

My Commission expires **9** \_\_\_\_\_ Address **Drawer 811, Odessa, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	58	58	Caliche
58	234	176	Caliche & sand
234	270	36	Red Bed
270	1311	1041	Red Bed & Shells
1311	1625	314	Red Rock
1625	1715	90	Anhydrite
1715	1780	65	Anhydrite & Salt
1780	2255	475	Salt, Anhydrite & Shells
2255	2470	215	Salt & anhydrite
2470	2720	250	Salt, anhydrite & shells
2720	2980	260	Salt & anhydrite
2980	3538	558	Anhydrite
3538	3640	102	Lime
3640	3702	62	Anhydrite
3702	3798	96	Anhydrite & Lime
3798	3898	100	Anhydrite
3898	4097	199	Anhydrite & Lime
4097	4142	45	Lime
4142	4150	8	Anhydrite & Lime
4150	4550	400	Lime