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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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APR 25 1938  
HOBBS OFFICE

## WELL RECORD

DUPLICATE


AREA 640 ACRES  
LOCATE WELL CORRECTLY

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. **Two** in **SE/4** of Sec. **30**, T. **17-S**  
Lease  
R. **35-E** N. M. P. M., **Vacuum** Field, **Lea** County.  
Well is **4620** feet south of the North line and **1960** feet west of the East line of **Sec. 30**  
If State land the oil and gas lease is No. **B-2517** 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 **February 14,** 19 **38** Drilling was completed **April 5,** 19 **38**  
Name of drilling contractor **Oil Well Drilling Co.** Address **Dallas, Texas**  
Elevation above sea level at top of casing **3980'** feet.  
The information given is to be kept confidential until **Not confidential** 19 \_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **4110** to **4685** 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 with rotary** 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	
<b>13" OD</b>	<b>35#</b>	<b>Welded</b>	<b>Armac</b>	<b>254' 9"</b>	<b>None</b>				
<b>9-5/8" OD</b>	<b>36#</b>	<b>8</b>	<b>SS</b>	<b>1540' 11"</b>	<b>Halliburton</b>				
<b>7" OD</b>	<b>24#</b>	<b>10</b>	<b>SS</b>	<b>4104' 2"</b>	<b>Halliburton</b>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17 1/2"</b>	<b>13"</b>	<b>254' 9"</b>	<b>225</b>			
<b>12 1/2"</b>	<b>9-5/8"</b>	<b>1540' 11"</b>	<b>275</b>			
<b>8 1/2"</b>	<b>7"</b>	<b>4104' 2"</b>	<b>400</b>			

## 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
<b>5000 Gal.</b>		<b>Dowell "XX"</b>	<b>5000 Gal.</b>	<b>4-11-38</b>	<b>4104 - 4150</b>	
<b>7000 Gal.</b>		<b>Dowell "XX"</b>	<b>7000 Ga.</b>	<b>4-15-38</b>	<b>4104 - 4150</b>	

Results of shooting or chemical treatment **After first treatment swabbed 162 bbls. oil, 0 water in 24 hrs. after recovering oil load & acid. No gas in measurable quantities. After second treatment swabbed 42 bbls. fresh oil, 0 water in 4 hours after recovering oil load & acid. There was no gas in measurable quantities.**

## 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 **4685** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **April 7,** 19 **38** **after recovering drlg. fluid**  
The production of the first **16** hours was **Swabbed 140** barrels of fluid/ of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **32.0**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. **225#**

## 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 **21st**

day of **April** 19 **38**

*Carroll H. Dell*  
Notary Public

My Commission expires \_\_\_\_\_

**Midland, Texas** **April 21, 1938**

Name \_\_\_\_\_

Position **District Superintendent**

Representing **Phillips Petroleum Company**  
Company or Operator

Address **Box 1390, Midland, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	235	235	Surface Sand
235	245	10	Red Bed
245	298	53	Red Bed and Shells
298	1150	852	Red Bed and Shale
1150	1160	10	Anhydrite Shells
1160	1208	48	Shale
1208	1442	234	Red Rock and Shells
1442	1458	16	Red Rock
1458	1465	7	Anhydrite
1465	1507	42	Red Rock
1507	1558	51	Anhydrite
1558	1725	167	Anhydrite and Red Rock
1725	1793	68	Anhydrite Red Rock and Potash
1793	1898	105	Salt and Red Rock
1898	1940	42	Anhydrite
1940	1996	56	Salt and Potash
1996	2060	64	Anhydrite and Salt
2060	2311	251	Salt and Shells
2311	2766	455	Salt and Anhydrite
2766	2830	64	Salt, Anhydrite and Gyp
2830	3780	950	Anhydrite and Gyp
3780	3881	101	Anhydrite and Lime
3881	4072	191	Lime
4072	4099	27	Anhydrite and Lime
4099	4385	286	Lime - T. D.