

**DUPLICATE**

MAY 22 1941  
REGISTRY  
HOBBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico


WELL RECORD

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 TRIPLICATE.

**Phillips Petroleum Company** **Bartlesville, Oklahoma.**  
 Company or Operator Address  
**Santa Fe** Well No. **45** in **NW/4** of Sec. **26**, T. **17-S**  
 Lease  
 R. **35-E** N. M. P. M. **Vacuum** Field; **Lea** West County.  
 Well is **990** feet south of the North line and **660** feet ~~west~~ <sup>East</sup> of the ~~West~~ line of **Section 26**  
 If State land the oil and gas lease is No. **B-1497** 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 **April 14,** 19 **41** Drilling was completed **May 11,** 19 **41**  
 Name of drilling contractor **Phillips Petroleum Co.** Address **Bartlesville, Oklahoma.**  
 Elevation above sea level at top of casing **3918'7"** feet. - **Ground elevation.**  
 The information given is to be kept confidential until **Not confidential** 19 \_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **4161'0"** to **4560'0"** 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** to \_\_\_\_\_ 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>5 5/8" OD 22#</b>		<b>Weld</b>	<b>Armo</b>	<b>1692'4"</b>	<b>Halliburton</b>				<b>Surface String</b>
				<b>(Overall Tally)</b>					
<b>5 1/2" OD 14#</b>		<b>8</b>	<b>SS</b>	<b>4175'9"</b>	<b>Halliburton</b>				<b>Oil String</b>
				<b>(Overall Tally)</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>5 5/8"</b>	<b>1689'6"</b>	<b>650 &amp; 34</b>	<b>Aquagel</b>		
	<b>5 1/2"</b>	<b>4161'0"</b>	<b>300</b>	<b>Halliburton</b>		

PLUGS AND ADAPTERS

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

RECORD OF ~~SHOOTING~~ CHEMICAL TREATMENT

SIZE	SHELL USED	<del>EXHAUSTIVE</del> CHEMICAL USED	QUANTITY	DATE	DEPTH <del>TOP</del> TREATED	DEPTH CLEANED OUT
		<b>Dowell X</b>	<b>500 Gals</b>	<b>5-12-41</b>	<b>4161-4560</b>	
		<b>Dowell XXWFs</b>	<b>1000 "</b>	<b>5-14-41</b>	<b>4161-4560</b>	

Results of shooting or chemical treatment  
**1st Acidizing: 131 bbls oil, 20 hours.**  
**2nd Acidizing: 149 bbls oil, 20 hours.**

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 **4560** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **May 12,** 19 **41**  
 The production of the first **8** hours was **59** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be **38.2**  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**B. H. Barnett** Driller **G. A. Muncy** Driller  
**Leonard Chaney** 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 **19** day of **May** 19 **41**  
 \_\_\_\_\_  
 Notary Public  
 My Commission expires **6-1-41**  
**Odessa, Texas** **May 19, 1941**  
 Name **[Signature]**  
 Position **District Chief Clerk**  
 Representing **Phillips Petroleum Co.**  
 Company or Operator  
 Address **Box #6666, Odessa, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	290	290	Surface Shale
290	574	284	Red Rock
574	600	226	Red Bed
600	948	148	Red rock & shells
948	1100	152	Red bed
1100	1142	42	Red rock & shells
1142	1311	169	Red bed
1311	1405	94	Red rock & gyp
1405	1525	120	Red rock & shells
1525	1622	97	Red bed
1622	1671	49	Red rock
1671	1760	89	Anhydrite
1760	1955	195	Salt & anhydrite
1955	2140	185	Salt & shells
2140	2455	315	Salt
2455	2605	150	Salt & anhydrite
2605	2740	135	Salt & shells
2740	3050	310	Anhydrite & gyp
3050	3123	73	Gyp, sticky shells
3123	3163	40	Anhydrite
3163	3255	92	Gyp & anhydrite
3255	3310	55	Lime
3310	3403	93	Lime & Potash streaks
3403	3470	67	Lime & gyp
3470	3589	119	Lime
3589	3620	31	Gyp & Lime
3620	3712	92	Lime
3712	3800	88	Gyp & Lime
3800	3830	30	Lime
3830	3918	88	Lime & gyp
3918	4560	642	Lime.
	4560		TOTAL DEPTH.