

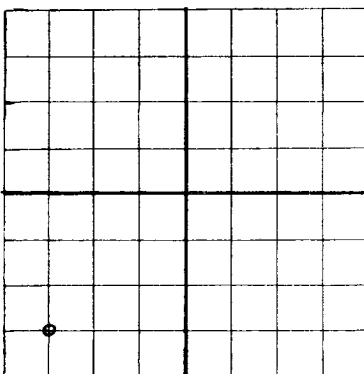
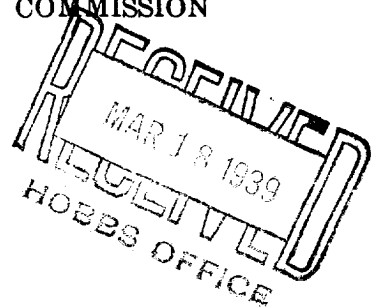
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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

## WELL RECORD



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 TRIPLICATE.

**Phillips Petroleum Company** **Bartlesville, Oklahoma**  
Company or Operator Address  
**Santa Fe** Well No. **20** in **SW/4 SW/4** of Sec. **27**, T. **17-S**  
Lease  
R. **35-E** N. M. P. M., **Vacuum** Field, **Lea** County.  
Well is **660** feet **north** of the **South** line and **660** feet **east** of the **West** line of **Section 27**  
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 **January 30,** 19 **39** Drilling was completed **March 8,** 19 **39**  
Name of drilling contractor **Loffland Brothers** Address **Tulsa, Oklahoma**  
Elevation above sea level at top of casing **3236.8** feet.  
The information given is to be kept confidential until **Not confidential** 19 \_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **4144** to **4607** 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 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	
<b>9-5/8" OD</b>	<b>36#</b>	<b>8</b>	<b>South-Chester</b>	<b>1608' 10"</b>	<b>Halliburton</b>				
<b>7" OD</b>	<b>24#</b>	<b>10</b>	<b>SS</b>	<b>4144' 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>12-1/4"</b>	<b>9-5/8"</b>	<b>1608' 10"</b>	<b>875</b>	<b>Halliburton</b>		
<b>8-3/4"</b>	<b>7"</b>	<b>4144' 2"</b>	<b>400</b>	<b>Halliburton</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>1500 gal.</b>		<b>Dowell XXF-6</b>	<b>1500 gal.</b>	<b>3-10-39</b>	<b>4144 - 4607</b>	

Results of shooting or chemical treatment. **After treating, swabbed off bottom 4 hours, recovered oil load & acid and well started flowing. Flowed 367 bbls. oil, no water in 8 hours thru 3/4" choke on 2" tubing. Gas measured 215 MCF daily. Gas-Oil ratio 195.**

## 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 **4607** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **March 10,** 19 **39**  
The production of the first **8** hours was **367** barrels of fluid of which **100** % was oil; **no** % emulsion; **no** % water; and **no** % 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. **325#**

## 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 **16th**

**Odessa, Texas**

**March 16, 1939**

day of **March**, 19 **39**

Name **J. J. Fernandez Jr.**

Position **District Chief Clerk**

Notary Public

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	80	80	Calechi & Surface Sand
80	234	154	Water Sand
234	563	229	Red Bed
563	1290	727	Red Bed & Shells
1290	1544	254	Red Rock
1544	1590	46	Red Rock and Green Shale
1590	1684	94	Anhydrite
1684	1938	254	Salt & Anhydrite
1938	2408	470	Salt & Shells
2408	2943	535	Salt & Anhydrite
2943	3040	97	Anhydrite
3040	3050	10	Gas-Sand
3050	3676	626	Anhydrite
3676	3889	213	Anhydrite & Gyp
3889	3940	51	Anhydrite
3940	4063	123	Lime & Anhydrite
4063	4607	544	Lime . T.D.