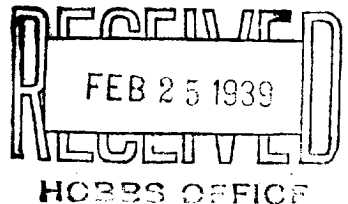


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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



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.

DUPLICATE

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

Santa Fe Well No. **21** in **NE/4** of Sec. **33**, 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 **660** feet west of the East line of **Sec. 33**

If State land the oil and gas lease is No. **B-1608** Assignment No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is **Phillips Petroleum Company**, Address **Bartlesville, Okla.**

Drilling commenced **January 18,** 19 **39** Drilling was completed **February 15,** 19 **39**

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

Elevation above sea level at top of casing **3940.6** feet.

The information given is to be kept confidential until **Not Confidential** 19 ____.

OIL SANDS OR ZONES

No. 1, from **4122** to **4615** 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	
9-5/8"OD	36#	8	South-Chester	1591'5"	Halliburton				
7"OD	24#	10	SS	4121'11"	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"	1591'5"	875	Halliburton		
8-3/4"	7"	4121'11"	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.	2-20-39	4122-4615	

Results of shooting or chemical treatment **After acidizing, swabbed 4 times to 1800' & well started flowing. Flowed 60 bbls. oil & acid in two hours. Next 4 hours flowed 152 bbls. pipe line oil, no water. Gas measured 328 MCF daily. Gas-Oil ratio 360**

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 **4615** feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **February 20**, 19 **39**

The production of the first **2 1/2** hours was **152** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be **38.8**

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 **21st.**day of **February**, 19 **39**_____
Notary PublicMy Commission expires **6-1-39**_____
Place DateName **J. J. Jaramila**Position **District Chief Clerk**Representing **Phillips Petroleum Company**
Company or OperatorAddress **Drawer 811, Odessa, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	115	115	Calechi Surface Sand
0	263	148	Surface Sand
115	400	137	Red bed
263	1567	1167	Red bed & Shells
400	1695	118	Anhydrite
1567	1752	87	Salt
1695	2205	453	Salt & Shells
1752	2420	215	Salt & Shells-Anhydrite
2205	2680	260	Salt & Shells
2420	2829	149	Anhydrite Salt Breaks
2680	2967	138	Broken Anhydrite
2829	3410	443	Anhydrite
2967	3455	45	Anhydrite & Gyp
3410	3555	100	Anhydrite
3455	3751	196	Anhydrite & Gyp
3555	3860	109	Anhydrite
3751	3907	47	Anhydrite Lime Gyp
3860	4615	708	Lime F.D.
3907			