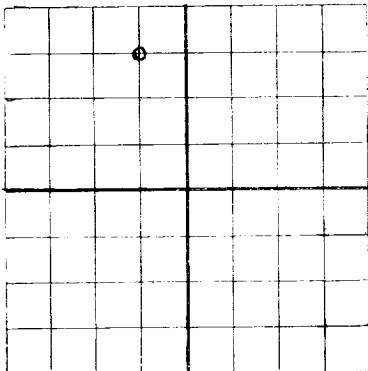
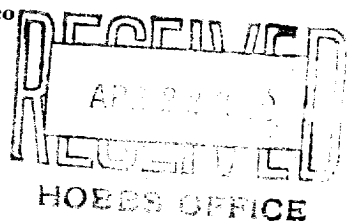


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 360 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.

DUPLICATE

Phillips Petroleum Company

Bartlesville, Oklahoma

Company or Operator
Santa Fe Well No. **12** NE/4 NW/4 of Sec. **28**, T. **17-S**
Lease
35-E Vacuum Field, Lea County.
N. M. P. M.
Well is **660** feet south of the North line and **1980** feet East West of the East line of **Section 28**
If State land the oil and gas lease is No. **B-2498** 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 **November 13, 1938** Drilling was completed **December 29, 1938**
Name of drilling contractor **Loffland Brothers** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3955.3** feet.
The information given is to be kept confidential until **Not Confidential** 19____

OIL SANDS OR ZONES

No. 1, from **4266'** to **4695'** 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	
9-5/8"OD	36#	8	South-chester	1669'8"	Halliburton				
7"OD	24#	10	SS	4265'5"	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"	1669'8"	875	Halliburton		
8-3/4"	7"	4265'5"	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.	12-21-38	4275 - 4629	
3000 gal.		Dowell XX	3000 gal.	12-23-38	4266 - 4629	
600 qts.		SNG	600 qts.	1-3-39	4343 - 4685	4695'
3000 gal.		Dowell XXW-6	3000 gal.	3-23-39	4266 - 4695	
4500 gal.		Dowell XXW-6	4500 gal.	3-27-39	4266 - 4695	

Results of shooting or chemical treatment: **No favorable results were obtained after first two acid treatments. T.D. was then 4629'. Well was deepened to 4695' & shot as shown above. After the last two acid treatments the well was tested with bailer. Bailed 2 bbls. oil, 0 water hourly for 18 hours. Pumping equipment will be installed at this well & it is believed no difficulty will be encountered in pumping the top allowable for Vacuum Field.**

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 **4695** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **April 10, 1939**
The production of the first **18** 24 hours was **36** barrels of fluid of which **100%** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **38.3**
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 **19th** _____— **Odessa, Texas** **April 19, 1939** _____day of **April** **39**

Name _____

Position **District Chief Clerk**

Notary Public

Representing **Phillips Petroleum Company**
Company or Operator

My Commission expires _____

Address **Drawer 811; Odessa, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Red Bed Shells
50	127	77	Sand and Shells
127	285	158	Sand, Red Rock and Shells
285	295	10	Caliche
295	673	378	Red Bed and Shells
673	760	87	Red Bed, Red Rock and Shells
760	880	120	Red Rock and Shells
880	1035	155	Red Bed and Shells
1035	1080	45	Red Bed, Red Rock and Shells
1080	1280	200	Red Bed and Shells
1280	1297	17	Red Bed, Red Rock and Shells
1297	1320	23	Red Bed
1320	1376	56	Red Rock and Shells
1376	1455	79	Shells
1455	1542	87	Red Rock and Shale
1542	1575	33	Red Bed, Red Rock and Shells
1575	1604	29	Red Rock and Shells
1604	1658	54	Red Bed and Shells
1658	1760	102	Anhydrite
1760	1771	11	Salt
1771	1788	17	Sand
1788	1812	24	Anhydrite, Shells and Red Rock
1812	1869	57	Broken Anhydrite, Salt
1869	1915	46	Red Bed, Shells
1915	1940	25	Anhydrite, Potash, and Red Rock
1940	2019	79	Anhydrite and Red Rock
2019	2059	40	Anhydrite and Red Bed
2059	2160	101	Salt and Anhydrite
2160	2337	177	Anhydrite, Salt and Red Rock
2337	2550	213	Salt and Anhydrite Shells
2550	2635	85	Salt, Anhydrite and Gyp
2635	2745	110	Salt, Anhydrite and Red Rock
2745	2820	75	Salt and Anhydrite
2820	2874	54	Anhydrite, Red Bed and Salt
2874	2885	11	Gyp and Anhydrite
2885	2922	37	Anhydrite and Red Rock
2922	2946	24	Anhydrite and Gyp
2946	2986	40	Anhydrite, Gyp and Red Rock
2986	3153	167	Anhydrite and Gyp
3153	3212	59	Anhydrite, Gyp and Red Bed
3212	3327	115	Anhydrite and Gyp
3327	3397	70	Anhydrite
3397	3455	58	Anhydrite and Gyp
3455	3687	232	Anhydrite
3687	3710	23	Gyp and Anhydrite
3710	3778	68	Anhydrite
3778	3818	40	Anhydrite and Gyp
3818	3840	22	Anhydrite
3840	3905	65	Anhydrite and Gyp
3905	3927	22	Anhydrite
3927	4132	205	Anhydrite and Gyp
4132	4157	25	Lime
4157	4184	27	Anhydrite and Lime
4184	4695 T.D.	511	Lime