

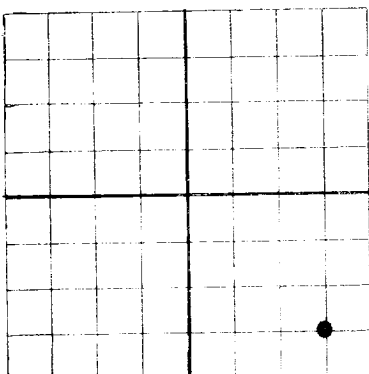
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NEW MEXICO OIL CONSERVATION COMMISSION

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 **Santa Fe** Well No. **14** in **SE/4 SE/4** of Sec. **20**, T. **17-S**
 Lease **35-E** N. M. P. M. **Vacuum** Field, **Lea** County.
 Well is **660** feet **north** of the **South** line and **660** feet west of the East line of **Sec. 20**
 If State land the oil and gas lease is No. **B-2598** 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 9,** 19 **38** Drilling was completed **December 17,** 19 **39**
 Name of drilling contractor **Loffland Brothers** Address **Tulsa, Oklahoma**
 Elevation above sea level at top of casing **3968.9** feet.
 The information given is to be kept confidential until **Not confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from **4260** to **4665** 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 FROM	TO	PURPOSE
9-5/8"OD	36#	8	South-chester	1712'6"	None				
7"OD	24#	10	SS	4260'	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 1/2"	9-5/8"	1712' 6"	875	Halliburton	No record	No record
8 1/4"	7"	4260'	400	Halliburton	No record	No record

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.	12-20-38	4270 - 4665	
4000 gal.		Dowell XX	4000 gal.	12-22-38	4270 - 4665	

Results of shooting or chemical treatment **After first treatment swabbed out 225 bbls. oil load, acid & oil in 12 hours. 12-21-38 swabbed 92 1/2 bbls. fresh oil in 24 hours. After second treatment swabbed off bottom 6 hours, recovered 100 bbls. oil load & well - started flowing. Flowed 71-1/2 bbls. oil load & acid in 6 hrs. Next 10 hours flowed 105 bbls. fresh oil, no water. Gas estimated 450 MCF daily. 1-5-39 flowed 43 bbls. oil, no water in 6 hrs. thru 1/2" choke on 2" tubing. Gas measured 77.001 MCF daily.**

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 **4665** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **January 5,** 19 **39**
 The production of the first **6** hours was **43** barrels of fluid of which **100** % was oil; **None** 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. **190#**

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 **9th**

Odessa, Texas

January 9, 1939

day of **January** 19 **39**Name **[Signature]**Position **District Chief Clerk**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	211	171	Sand & shells
211	667	456	Red bed
667	721	54	Red bed & shells
721	887	166	Shale & shells
887	1025	138	Red bed & shells
1025	1251	226	Shale & shells
1251	1545	294	Red bed & shells
1545	1588	40	Red rock & shells
1588	1640	55	Red rock & shells
1640	1700	60	Red bed & shells
1700	1787	87	Anhydrite
1787	1820	33	Anhydrite
1820	1852	32	Anhydrite, salt & shells
1852	2023	171	Anhydrite & salt
2023	2085	62	Salt & shells
2085	2183	98	Salt & anhydrite shells
2183	2570	387	Salt
2570	2905	335	Salt & anhydrite
2905	2952	47	Salt & gyp
2952	3002	50	Anhydrite & gyp
3002	3099	97	Anhydrite gyp & lime
3099	3145	46	Anhydrite & gyp
3145	3196	51	Anhydrite & lime
3196	3221	25	Lime & gyp
3221	3243	22	Gyp
3243	3297	54	Anhydrite
3297	3359	62	Anhydrite & gyp
3359	3397	38	Anhydrite
3397	3433	36	Anhydrite & gyp
3433	3438	5	Anhydrite & lime
3438	3561	123	Anhydrite & gyp
3561	3961	400	Anhydrite
3961	4001	40	Anhydrite & lime
4001	4049	48	Lime
4049	4073	24	Anhydrite & broken lime
4073	4094	21	Anhydrite & lime
4094	4122	28	Lime
4122	4157	35	Anhydrite & lime
4157	4855	508	Lime T.D.