

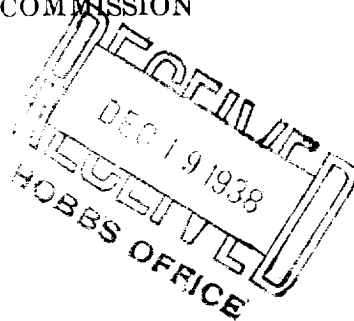
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NEW MEXICO OIL CONSERVATION COMMISSION

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.



DUPLICATE

Phillips Petroleum Company

Bartlesville, Oklahoma.

M. E. Hale

Well No. 2

in SW/4

of Sec. 35

T. 17-S

R. 34-E N. M. P. M. Vacuum Field, Lea County.

Well is 1980 feet North of the South line and 1980 feet East of the West line of Sec. 35

If State land the oil and gas lease is No. B-2317 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 October 22nd, 1938 Drilling was completed December 6th 1938

Name of drilling contractor Oil Well Drilling Company Address Dallas, Texas.

Elevation above sea level at top of casing 4018.6 feet.

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

OIL SANDS OR ZONES

No. 1, from 4170 to 4655 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 FROM TO	PURPOSE
9-5/8" OD	36#	8	South Chester	1536' 2"	None			
7" OD	24#	10	SS	4170' 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
12-1/2"	9-5/8"	1536' 2"	875	Halliburton	No Record	No Record
8-3/4"	7"	4170' 5"	400	Halliburton	No Record	No Record

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF ~~SHOOTING~~ CHEMICAL TREATMENT

SIZE	SHELL USED	SHOOTING CHEMICAL USED	QUANTITY	DATE	DEPTH TREATED	DEPTH CLEANED OUT
1000 gal		Dowell XX	1000 gal	12-9-38	4190'- 4655'	
4000 gal		Dowell XX	4000 gal	12-10-38	4190'- 4655'	

Results of ~~shooting~~ chemical treatment After first treatment well flowed 63 bbls. oil, 0 bbls. water, in 6 hours, after swabbing out 217 bbls. oil, oil load & acid in 8 hours. After second treatment swabbed out 157 bbls. oil, oil load & acid and well started flowing. Flowed 109 bbls. fresh oil in 7 hours. Shut in 1 hour, opened well & flowed 126 bbls. oil, 0 bbls. water next 8 hours. Gas estimated at 400,000 cu. ft. 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 4655 feet, and from feet to feet

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

PRODUCTION

Put to producing December 9th 1938

The production of the first 6 hours was 63 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 39.1

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 520#

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 day of December 1938

Name Date

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	Surface & Caliche.
45	330	285	Sand & Shells.
330	410	80	Red Bed.
410	713	303	Red Bed & Shells.
713	880	167	Red Rock.
880	947	67	Red Bed.
947	1015	68	Red Bed & Shells.
1015	1055	40	Red Rock.
1055	1085	30	Red Bed & Red Rock.
1085	1532	447	Red Rock.
1532	1635	103	Anhydrite.
1635	1830	195	Anhydrite, Salt & Red Bed.
1830	2727	897	Anhydrite & Salt.
2727	2813	86	Anhydrite, Salt & Gyp.
2813	2860	47	Anhydrite & Gyp.
2860	2925	65	Anhydrite.
2925	3162	237	Anhydrite & Gyp.
3162	3210	48	Anhydrite.
3210	3490	280	Anhydrite & Gyp.
3490	3492	2	Gyp.
3492	3851	359	Anhydrite & Gyp.
3851	3902	51	Anhydrite, Gyp & Lime Shells.
3902	3950	48	Anhydrite & Gyp.
3950	4017	67	Anhydrite, Gyp & Lime Shells.
4017	4038	21	Gyp & Lime.
4038	4090	52	Anhydrite, Gyp & Lime Shells.
4090	4115	25	Lime & Gyp.
4115	4159	44	Lime & Anhydrite.
4159	4198	39	Lime/
4198	4218	20	Lime, Gray.
4218	4655 T.D.	437	Lime.