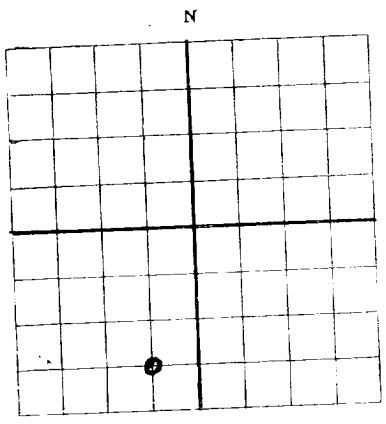
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Phillips Petroleum Company (Company or Operator) Bartlesville, Oklahoma (Address)

M.E. Hale (Lease) Well No. 4 in SE/4 SW/4 of Sec. 35, T. 17-S

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

Well is 660 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 June 13, 1939. Drilling was completed July 8, 1939

Name of drilling contractor Loffland Brothers, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 4018.4 feet.

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

OIL SANDS OR ZONES

No. 1, from 4146 to 4678 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	PERFORATED TO	PURPOSE
9-5/8"OD	36#	8	SS	1592'1" (overall tally)	Halliburton				
7"OD	24#	10	SS	4167'6" (overall tally)	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"	1594'11"	900	Halliburton		
8-3/4"	7"	4145'5"	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 XXWF-6	1000 gal.	7-12-39	4146-4678	
2000 gal.		Dowell XXWF-6	2000 gal.	7-14-39	4146-4678	

Results of shooting or chemical treatment After second treatment well flowed 198 bbls. pipe line oil, no water in 8 hrs. after recovering oil load and acid. Gas measured 300 MCF daily. Gas-Oil ratio 505.

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 4678 feet, and from feet to feet

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

PRODUCTION

Put to producing July 15, 1939

The production of the first 24 hours was 198 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 37.5

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 22nd Place Odessa, Texas Date July 22, 1939

Name

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55	55	Calechi - Sand
55	255	200	Sand & Shells
255	500	245	Red Bed Red Rock & Shells
500	760	260	Red Rock & Shells
760	963	203	Red Bed
963	1117	154	Red Bed Red Rock & Shells
1117	1357	240	Red Rock & Shells
1357	1418	61	Red Rock Red Bed & Shells
1418	1538	120	Red Rock & Shells
1538	1555	17	Red Rock & Shale
1555	1685	130	Anhydrite
1685	2006	321	Salt Anhydrite & shells
2006	2266	260	Salt Anhydrite
2266	2564	298	Salt Shells
2564	2719	155	Salt Shells Anhydrite
2719	2800	81	Anhydrite & Gyp
2800	2990	190	Anhydrite
2990	3050	60	Anhydrite & Gyp
3050	3227	177	Anhydrite
3227	3282	55	Anhydrite & Gyp
3282	3525	243	Anhydrite
3525	3590	65	Anhydrite & Gyp
3590	3710	120	Anhydrite
3710	3765	55	Lime & Gyp
3765	3860	95	Anhydrite
3860	4102	242	Anhydrite & Lime
4102	4678	576	Lime T.D.