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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

Company or Operator

Address

Santa Fe

Well No.

19

in NW/4 NE/4

of Sec.

35

T.

17-S

Lease

R. 35-E

N. M. P. M.

Vacuum

Field,

Lea

County.

Well is 662 feet south of the North line and 1983 feet west of the East line of Sec. 35

If State land the oil and gas lease is No. B-2439 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 19, 1938 Drilling was completed December 21, 1938

Name of drilling contractor Loffland Brothers Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3907.2 feet.

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

OIL SANDS OR ZONES

No. 1, from 4464 to 4687 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 to 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	1779' 1"	Halliburton				
7" OD	24#	10	SS	4464' 0"	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
1 1/2"	9-5/8"	1779' 1"	875	Halliburton	No record	No record
3 1/2"	7"	4464' 0"	300	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
1200 gal.		Dowell XX	1200 gal.	1-7-39	4464 - 4687	
330 qts.	Risonite	SNG	330 qts.	1-9-39	4535 - 4628	4630

Results of shooting or chemical treatment The 1200 gal. acid treatment did not increase production. After shot well cleaned out to 4630' with rotary tools. Tubed to 4538' with 2" tubing. Swabbed out 185 bbls. oil load & circulating oil and swabbed an average 36 bbls. fresh oil, no water, next three days. Will continue to test this well and possibly shoot again.

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 4780 feet, and from feet to feet

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

PRODUCTION

Put to producing January 12, 1939

The production of the first 24 hours was 36 barrels of fluid of which 100 % was oil; 0 %

emulsion; 0 % water; and 0 % sediment. Gravity, Be. 38.6

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 14th

day of January 1939

Notary Public

My Commission expires 6-1-39

Odessa, Texas January 14, 1939

Name

Position District Superintendent

Representing Phillips Petroleum Company

Company or Operator

Address Drawer 811, Odessa, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	81	81	Caliche
81	255	174	Sand and shells
255	617	362	Red Bed
617	797	180	Red Bed and shells
797	1238	441	Red Rock
1238	1290	52	Shells, broken
1290	1333	43	Red Rock
1333	1375	42	Red Rock and shells
1375	1405	30	Red Rock
1405	1588	153	Red Rock and shells
1588	1622	34	Shells
1622	1658	16	Red Rock and shells
1658	1645	7	Red Bed and sand shells
1645	1651	6	Anhydrite
1651	1669	18	Red Rock
1669	1685	16	Red Rock and shale
1685	1698	13	Red Rock and shells
1698	1720	22	Broken shells and red rock
1720	1739	19	Red Rock
1739	1755	16	Red Rock and shells
1755	1920	165	Anhydrite
1920	2035	115	Salt
2035	2041	6	Anhydrite
2041	2135	94	Salt
2135	2355	220	Salt and shells
2355	2400	45	Salt anhydrite, and gyp
2400	2418	18	Anhydrite
2418	2525	107	Salt, Red Rock, and shells
2525	2768	243	Salt and shells
2768	2780	12	Anhydrite
2780	2920	140	Salt
2920	2943	23	Salt and shells
2943	3000	57	Salt and broken anhydrite
3000	3042	42	Potash and broken salt
3042	3055	13	Salt and anhydrite
3055	3099	44	Anhydrite
3099	3160	61	Salt and anhydrite
3160	3217	57	Anhydrite
3217	3233	16	Gyp and anhydrite
3233	3313	80	Anhydrite
3313	3348	35	Broken anhydrite
3348	3377	29	Anhydrite
3377	3415	38	Broken anhydrite
3415	3490	75	Anhydrite and broken lime
3490	3605	115	Anhydrite
3605	3633	28	Anhydrite and broken lime
3633	3674	41	Anhydrite and lime
3674	3716	42	Anhydrite and lime shells
3716	3882	166	Anhydrite
3882	3918	36	Anhydrite and broken lime
3918	4086	168	Anhydrite
4086	4104	18	Broken anhydrite and lime
4104	4142	38	Broken lime and anhydrite
4142	4171	29	Broken lime shells and anhydrite
4171	4200	29	Broken lime and anhydrite
4200	4218	18	Broken lime
4218	4445	227	Lime
4445	4462	17	Broken sandy lime
4462	4780 TD	318	Lime

Plugged back to 4687'