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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

DUPLICATE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Phillips Petroleum Company

Bartlesville, Oklahoma

Company or Operator

Address

Santa Fe

Well No. 10

in NE/4 NW/4 of Sec. 24

T. 17-S

Lease

R. 34-E

N. M. P. M.

Vacuum

Field,

Lea

County.

Well is 660 feet south of the North line and 1980 feet east of the West line of Sec. 24

If State land the oil and gas lease is No. B 3635 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 September 15, 1938 Drilling was completed November 2, 1938

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

Elevation above sea level at top of casing 4018.7 feet.

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

OIL SANDS OR ZONES

No. 1, from 4415' to 4706' 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. 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 1/2	8	South-Chester	1615' 2"	None				
7" OD	34 1/2	10	SS	4415' 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"	9-5/8"	1615' 2"	800	Halliburton	No record	No record
8 1/2"	7"	4415' 5"	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	CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
1000 gal.		Dowell "IX"	1000 gal.	11-4-38	4450 - 4706'	

Results of shooting or chemical treatment—After acidizing, rigged up & swabbed 154 bbls. oil lead & acid into circulating tanks in 8 hrs. & well started flowing. Flowed 118 bbls. oil, 0 water in 7 hours. Shut well in until noon 6th, opened & took 6 hour test. Flowed 96 bbls. oil, 0 water. Gas measured 55,000 cu. ft. daily. Gas/Oil Ratio 140.

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 4706 feet, and from feet to feet

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

PRODUCTION

Put to producing November 6, 1938

The production of the first 24 hours was 96 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. 5000

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 12th

M14255, Texas

November 12, 1938

day of November 1938

Name E. J. L. O. Z.

Position District Superintendent

Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	198	198	Surface Caliche, Red Rock & Sand
198	706	511	Red Bed & Shells
706	815	109	Red Bed & Red Rock
815	1085	210	Red Bed & Shells
1085	1201	176	Red Rock & Shale
1201	1236	35	Red Rock, Shale & Gyp
1236	1277	41	Red Rock & Shale
1277	1317	40	Red Bed & Shells
1317	1354	37	Red Bed & Shale
1354	1405	51	Red Bed, Red Rock, Shale
1405	1490	85	Red Bed & Shells
1490	1539	69	Red Rock & Shale
1539	1598	59	Red Bed Red Rock, Shale
1598	1625	25	Red Bed & Shells
1625	1650	27	Red Bed & Red Rock
1650	1790	140	Anhydrite
1790	1830	40	Broken Anhydrite, Shale, Steaks of Salt
1830	1849	19	Red Bed, Anhydrite & Salt
1849	2054	205	Salt & Anhydrite
2054	2235	179	Salt, Anhydrite & Gyp
2235	2563	330	Salt & Anhydrite
2563	2710	147	Salt, Anhydrite Gyp & Polyhalite
2710	2830	120	Salt, Anhydrite & Gyp
2830	2905	75	Anhydrite, Shells, Salt
2905	2942	37	Anhydrite, Gyp & Polyhalite
2942	3113	171	Anhydrite & Gyp
3113	3150	37	Anhydrite
3150	3215	65	Anhydrite & Gyp
3215	3247	32	Anhydrite
3247	3588	341	Anhydrite & Gyp
3588	3599	11	Anhydrite
3599	3961	125	Anhydrite & Gyp
3961	3985	24	Anhydrite & Lime
3985	4038	53	Lime & Gyp
4038	4066	28	Anhydrite Lime & Gyp
4066	4106	40	Lime
4106	4131	25	Lime & Gyp
4131	4192	61	Anhydrite & Gyp
4192	4207	15	Anhydrite, Gyp & Lime
4207	4260	53	Anhydrite & Gyp
4260	4282	22	Anhydrite & Gyp - Sandy Lime Steaks
4282	4313	31	Anhydrite & Gyp
4313	4354	23	Anhydrite & Gyp - Steaks of Lime
4354	4381	45	Anhydrite & Gyp
4381	4595	14	Anhydrite & Lime
4595	4410	15	Anhydrite, Gyp & Lime
4410	4706	296	Lime - T.D.