

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
OCT 1 - 1951OIL CONSERVATION COMMISSION
HOBBS OFFICE

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

Cities Service Oil Company

Company or Operator

Lease

Well No. 2 in 34-37 of Sec. 19, T. 26S

R. 37-2, N. M. P. M., Langlie-Hattix Field, Lea County.

Well is 2310 feet south of the North line and 2210 feet west of the East line of 19-4-37

If State land the oil and gas lease is No. - Assignment No. -

If patented land the owner is Mrs. M. E. Thomas, Address Lea, New Mexico

If Government land the permittee is - Address -

The Lessee is Cities Service Oil Company, Address Bartlesville, Oklahoma

Drilling commenced August 31, 1951 Drilling was completed September 26, 1951

Name of drilling contractor Permian Drilling Corp, Address Odessa, Texas

Elevation above sea level at top of casing 3293 feet.

The information given is to be kept confidential until 1951

OIL SANDS OR ZONES

No. 1, from 2962 to 3680 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 0 to - 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
5-5/8"	24	8	-55	1194.01	oker			
5"	14	8	-55	2361.45	oker			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	5-5/8"	1203.76'	625	Plug		
7-7/8"	5"	2370'	250	Plug		

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

Results of shooting or chemical treatment -

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 3680 feet, and from - feet to - feet.

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

PRODUCTION

Put to producing - 1951

The production of the first 24 hours was - barrels of fluid of which - % was oil; - %

emulsion; - % water; and - % sediment. Gravity, Be -

If gas well, cu. ft. per 24 hours 1477 MCF 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 28th

day of September, 1951, 19

Fred Lawson

Notary Public

My Commission expires Feb. 8, 1954

Hobbs, New Mexico 9-28-51

Place

Date

Name -

Position - District Superintendent

Representing - Cities Service Oil Company

Company or Operator

Address - Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	165'	165'	Mudstone and red bed
165'	540'	375'	Red bed and shale
540'	762'	222'	Red bed and red rock
762'	1110'	348'	Red bed and sand
1110'	1185'	75'	Red bed and shale
1185'	1295'	110'	Anhydrite
1295'	1360'	65'	Anhydrite and salt
1360'	1426'	66'	Anhydrite and sand
1426'	2300'	874'	Salt, anhy and sand
2300'	2770'	470'	Salt and anhy
2770'	2819'	49'	Anhydrite
2819'	2851'	32'	Anhydrite and lime
2851'	3101'	250'	Lime
3101'	3140'	39'	Lime and sand
3140'	3680'	540'	Lime
			Log 11 tested 3159' to 3210' 1" DC 1/2" DC. Tool open 6 hours. Gas to surface in 20 minutes with good blow throughout test. Recovered 510' drilling fluid. IFF 0%, FFF 100%, 30 minute SIP 980%, RSP 1540 .
			Log 12. Tested 3300' to 3456', gas to surface in 20 minutes, mud in 20 minutes, mud cleaned up to dry gas in 1 hour.
			Log 13. Tested 3582' to 3680', 1" DC 1/2" DC, tool open 2 hours. SI 20 minutes for 13. Fair blow of air throughout test. Recovered 100' gas cut drilling fluid. IFF 0%, FFF 0%, RSP 75%, ROP 1675%.
			<u>Formation tops</u>
			Anhydrite 1185'
			Green lime 2862'
			Lime 2762'
			Seven Rivers 3256'
			Queen 3625'
			T.O. 3680'