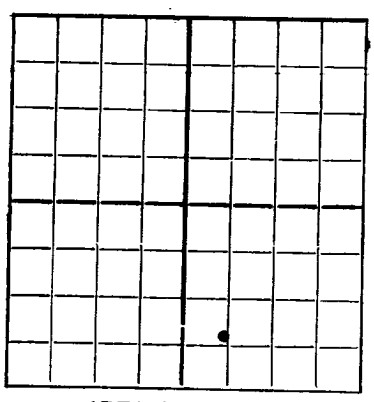
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

1-1-63

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.

Cities Service Oil Company (Company or Operator) State "W" (Lease)

Well No. 2 in C SWSE of Sec. 36, T. 24S

R. 36E, N. M. P. M. Langlie-Mattix Field, Lea County.

Well is 660 feet south of the North line and 1980 feet west of the East line of Sec. 36-24-36

If State land the oil and gas lease is No. 10107 Assignement No. -

If patented land the owner is - , Address -

If Government land the permittee is - , Address -

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

Drilling commenced June 30 19 49 . Drilling was completed July 22 19 49

Name of drilling contractor Clay & Gackle , Address Hobbs, New Mexico

Elevation above sea level at top of casing 3262 feet.

The information given is to be kept confidential until - 19 -.

OIL SANDS OR ZONES

No. 1, from - to - 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 - 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	PERFORATED TO	PURPOSE
8-5/8"	24#	8R	J-55	1148.46'	Hwco				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11¼	8-5/8	1161.26	500	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 This well was neither shot nor acidized

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 3550 feet, and from - feet to - feet.

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

PRODUCTION

Put to producing P&A July 22 , 19 49

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 - 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 20th day of November, 19 51

Hobbs, New Mexico (Place) 11-20-51 (Date)

Name

Position District Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	37'	37'	Caliche
37	180	143	Sand and gravel
180	507	327	Red bed and sand
507	590	83	Shells and red bed
590	774	184	Red rock and sand
774	918	144	Red rock and shells
918	1117	199	Red rock
1117	1152	35	Red beds and shells
1152	1438	286	Anhydrite
1438	1565	127	Salt and anhy
1565	1779	214	Anhy and salt strks
1779	2355	576	Salt and anhy
2355	2447	92	Anhy and salt strks
2447	2487	40	Gyp and anhy
2487	2537	50	Anhy, gyp and salt
2537	2587	50	Anhy and salt
2587	2647	60	Anhy and gyp.
2647	2650	3	Anhy and salt
2650	2764	114	Brown lime
2764	2795	31	Lime
2795	2895	100	Lime and sand
2895	3117	222	Lime
3117	3195	78	Lime and sand
3195	3550	355 TD	Lime.

DST #1: Tested 3338' - 3373' (35'). Tool open 2 hours and closed 15 minutes for BU. Gas to surface in 4½ minutes, faint blow for 2 hours at 13.9 MCF per day rate. Recovered 690' of salt and sulphur water slightly gas cut with no show of oil. IFP 0#, FFP 200#, BUP 1060#, MCP 1710#.

DST #2: Tested 3373' -3415'. Tool open 15 mins. before plugging in surface choke. Gas to surface in 3 minutes. Choke unplugged and tool open 56 minutes before being SI for 15 min. BUP. Sulphur water to surface in 5 minutes. Recovered 2815' of sulphur water cut with mud and 240' of drilling mud. IFP 960#, FFP 1270#, BUP 1270#, MCP 1880#.

DST #3: Tool open 1 hour and 15 minutes and shut in for 15 minutes build up. Air immediately, gas in 3 minutes, sulphur water to surface in 1 hour. Flowed in pits for 15 minutes. Recovered 2760' of sulphur water cut with drilling fluid. IFP 190#, FFP 720#, BUP 1240#, MCP 1855#.

DST #4: Tested 3445' - 3500' (55') Tool open 2 hours, 1" TC, 5/8" BC, gas to surface 2 minutes and continued to flow with faint blow throughout test. Recovered 360' of drilling fluid and sulphur water mixed, cut with gas and very slightly cut with oil, IFP 105#, FFP 160#, BUP 1220#, MCP 1900#.

DST #5: Tested 3500' to 3550' (50') Tool open 1 hour 15 minutes, 5/8" BC, 1" TC. Gas to surface in 4 min. steady blow of approximately 15 MCF per day throughout test. Recovered 720' fluid as follows: 120' drilling fluid and water, 120' BS&W, 120' clean salt water with some sulphur. IFP 100#, FFP 200#, MCP 2000#, no BUP.

P&A.