

DUPLICATE

FORM C-105

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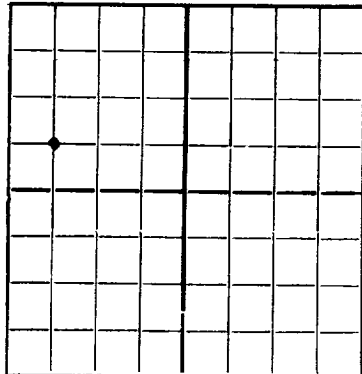
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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OIL CONSERVATION COMMISSION
HOBBS-OFFICE



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Cities Service Oil Company State X
Company or Operator Lease
Well No. 1 in C SW NW of Sec. 2, T. 24S
R. 36 E, N. M. P. M., Langlie Mattix Field, Lea County.
Well is 1980 feet south of the North line and 660 feet East of the East line of Sec. 2-2436
If State land the oil and gas lease is No. Unknown Assignment No. -----
If patented land the owner is -----, Address -----
If Government land the permittee is -----, Address -----
The Lessee is Cities Service Oil Company, Address Bartlesville, Okla.
Drilling commenced June 17 19 49 Drilling was completed July 17 19 49
Name of drilling contractor Clay & Gaskie, Address Hobbs, New Mexico
Elevation above sea level at top of casing 3377 DF 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	TO	PURPOSE
<u>3-5/8</u>	<u>24 1/2</u>	<u>8R</u>	<u>J-55</u>	<u>1249.70</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11 1/4</u>	<u>3-5/8</u>	<u>1262.30</u>	<u>600</u>	<u>Plug</u>	<u>---</u>	<u>---</u>

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 3369 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 18 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 23rd Hobbs, New Mexico 11-23-51
day of November, 19 51 Name [Signature]
Fred Lawson Position District Superintendent
Notary Public Representing Cities Service Oil Co.
My Commission expires Feb. 8, 1954 Address Box 97, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40'	40'	Sand, Caliche
40	398	358	Shale, sand & red bed
398	570	172	Red bed
570	728	158	Red bed & red rock
728	865	137	Red bed
865	1235	370	Red bed & sand
1235	1245	10	Red bed & blue shale
1245	1340	95	Anhydrite
1340	1530	190	Salt
1530	1697	167	Salt & Anhy.
1697	1730	33	Salt
1730	1783	53	Salt & Anhydrite
1783	2432	649	Salt
2432	2558	126	Salt & Anhydrite
2558	2602	44	Salt
2602	2650	48	Salt & shells
2650	2909	259	Salt
2909	2960	51	Anhydrite
2960	3008	48	Brown Lime
3008	3042	34	Lime
3042	3077	35	Anhy & Lime
3077	3170	93	Lime & Sand
3170	3869	699	Lime
			<p>Drilling at 3170' lime. Ran DST No. 1. Tested Yates. Top Yates 3070'. Tested to 3170; 155', tool open at 2:10 AM, gas to surface 10 minutes, mud in 30 minutes sulphur water 35 minutes. Let flow in pit for 30 minutes and through separator 1 hour. Gas volume 600 MCF per day, separator filled 16" with sulphur water (.9bbl.) IFP 525#, FFP 300#, BUP 1020#, MCP 1600#.</p> <p>Ran DST No. 2. Tested from 3344' to 3359' (15'). Tool open 2 hours and 5 minutes. Faint blow of air throughout test. Recovered 30' of drilling fluid slightly gas cut and 1 gallon of sulphur water on bottom. IFP 0#, FFP 0#, BUP 20 minutes 0#, MCP</p> <p>Ran DST No. 3. Tested 3414' to 3441' (27'), tool open 2 hours 25 minutes and closed for 20 minute BU. Faint blow of air which turned to gas in 49 minutes. Recovered 50' of gas cut sulphur water. IFP 0#, BUP 0#, MCP 1700#.</p> <p>Ran DST No. 4. Set packer at 3470' and tested to 3590' (110'). Gas to surface in 6 minutes and had steady flow of 20.4 MCF per day for 2 hours and closed for 15 minute BU. Recovered 30' of drilling mud cut with gas and sulphur water. IFP 0#, FFP 0#, BUP 900#, MCP 1700#.</p> <p>Ran DST No. 5. Tested 3654' to 3760'. Tool open 2 hours 30 minutes; gas to surface in 4 minutes, steady blow throughout test at 738 MCF per day rate against 28# surface pressure, 5/8" BC and 1" TC. Recovered 270' heavy gas cut drilling fluid and sulphur water. IFP 650#, FFP 500#, BUP 1125#, MCP 2000#.</p> <p>Ran DST No. 6 and tool failed to open.</p> <p>Ran DST No. 7. Tested 3858' to 3869' (11'). Faint blow of air for 10 minutes and died. Let tool open one hour, took 15 minute BU and pulled tool. Recovered 23' of drilling fluid. MCP 2200#, all other pressures 0#.</p> <p>Ran DST No. 8. Tested 3794' to 3869' (75'). Faint blow air through out test. Recovered 400' sulphur water (2.8 barrels), no show oil or gas. Tool open 1 hour 35 minutes. IFP 0#, FFP 100#, BUP 1250# MCP 2200#.</p>