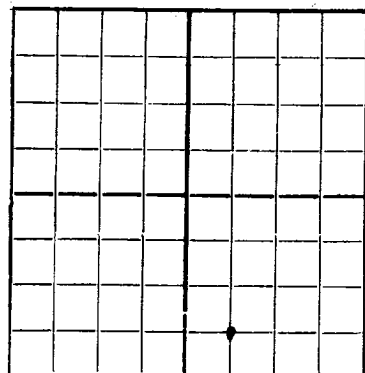


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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 Thomas "F" Lease
Well No. **I** in **C-SW SE** of Sec. **17**, T. **24**
R. **37E**, N. M. P. M., **Langlie-Mattix** Field, **Lea** County.
Well is **4620** feet south of the North line and **1980** feet west of the East line of Sec. **17-24-37E**
If State land the oil and gas lease is No. **-** Assignment No. **-**
If patented land the owner is **Fowler Hair**, Address **Jal, New Mexico**
If Government land the permittee is **-**, Address **-**
The Lessee is **Cities Service Oil Company**, Address **Bartlesville, Oklahoma**
Drilling commenced **8-10** 19 **52** Drilling was completed **3-29** 19 **52**
Name of drilling contractor **Permian Drilling Company**, Address **Odessa, Texas**
Elevation above sea level at top of casing **3275** feet.
The information given is to be kept confidential until **-** 19 **-**

OIL SANDS OR ZONES

No. 1, from **3250** to **3565** 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
9 5/8"	32.3#	8R	H-40	1163.33'	Baker	-	-	-	-
7"	20# & 23#	8R	J-55	3240.19'	Baker	-	-	-	-

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 1/4"	9 5/8"	1174.63'	625	Plug	-	-
8 3/4"	7"	3249	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
-	-	Nitroglycerine	160 Qts.	4-1-52	3500-3565'	3565' PB TD

Results of shooting or chemical treatment **Swabbed 10 hours and recovered 20 bbls. oil after being shut in 12 hours.**

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 **3660** feet, and from **-** feet to **-** feet.
Cable tools were used from **-** feet to **-** feet, and from **-** feet to **-** feet.

PRODUCTION

Put to producing **April 8** 19 **52**
The production of **Potential Test** first 24 hours was **33** barrels of fluid of which **99.6** % was oil; **-** % emulsion; **xxx** % water; and **-** % sediment. Gravity, Be **37.1**
If gas well, cu. ft. per 24 hours **4** 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 **April**, 19 **52**

Notary Public

My Commission expires **February 8, 1954**

Hobbs, New Mexico April 28, 1952

Name **Ruby**

Position **District Superintendent**

Representing **Cities Service Oil Company**

Address **Box 97, Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	60'	60'	Surface clay and caliche
60'	616'	556'	Red bed and red rock
616'	956'	340'	Red rock, red bed and sand
956'	1058'	102'	Red rock and red bed
1058'	1154'	96'	Sand and red rock
1154'	1520'	366'	Anhydrite and gyp
1520'	2284'	764'	Anhydrite and salt
2284'	2384'	100'	Lime, salt and anhydrite
2384'	2555'	171'	Potash, salt, anhydrite and dolomite
2555'	2743'	188'	Potash, salt and anhydrite
2743'	2862'	119'	Anhydrite and lime
2862'	2937'	75'	Sand, anhydrite and lime
2937'	3091'	154'	Lime and sand
3091'	3167'	76'	Lime, anhydrite and potash
3167'	3270'	103'	Lime
3270'	3445'	175'	Lime and anhydrite
3445'	3487'	42'	Lime
3487'	3538'	51'	Lime and sand
3538'	3562'	24'	Lime
3562'	3585'	23'	Anhydrite and lime
3585'	3593'	8'	Lime and sand
3593'	3611'	18'	Lime and shale
3611'	3624'	13'	Lime
3624'	3648'	24'	Lime, shale, anhydrite
3648'	3660'	12'	Lime, sand and shale
			This well was plugged back to 3565'.
			DST #1
			Ran DST #1 to test Queen Sand from 3465' to 3585' (120'). Tool open 2 hours and 10 minutes. Air immediately, gas in 20 minutes; did not flow. Shut in 20 minutes for BU. TC 1" BC 5/8". Recovered 320' (1.44 bbls.) of gas cut drilling fluid. Slight blow of gas throughout test but too small to measure. IFP 0#, FFP 0#, SIP 0#, MCP 1590#. Top of Queen estimated @3475' (203')
			DST #2
			Plugging back. DST #2 3575'-3660' (85'). Tool open 2 hours and shut in 20 minutes for build up. Air immediately, no gas, did not flow. Recovered 90' of slightly gas cut drilling fluid. 1" TC, BC 5/8", IFP 0#, FFP 0#, SIP 0#, MCP 1500#. Set Dowell formation bridge at 3605' and well plug back to 3565' with pea gravel and shot with 160 qts. from 3500' to 3565'.
			FORMATION TOPS
			Brown Lime 2690'
			Yates 2870'
			Seven Rivers 3170'
			Queens 3469'
			Total Depth 3660' PB 3565'