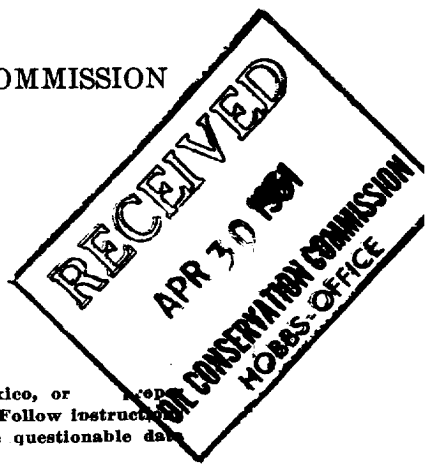


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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

State "S"

Well No. 4 Company or Operator in SW NW of Sec. 15 Lease T. 21S

R. 37E N. M. P. M. Brunson Field, Lea County.

Well is 3390 feet North South of the 1/4 line and 4520 feet west of the East line of Sec. 15-21S-37E

If State land the oil and gas lease is No. B-1481 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, Oklahoma

Drilling commenced February 18 19 51 Drilling was completed April 15 19 51

Name of drilling contractor Two-States Drilling Co Address Dallas, Texas

Elevation above sea level at top of casing 3463 (DF) feet.

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

OIL SANDS OR ZONES

No. 1, from 8030' to 8182' 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
13-3/8"	36#	8R	SW	295.68'				
8-5/8"	24#	8R	J-55	2805'	Baker			
5 1/2"	17# & 15.5#	8R	J-55	8017'	Larkin			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13-3/8"	211.68'	325	Plug		
11 1/2"	8-5/8"	2818'	500	Plug		
7-7/8"	5 1/2"	8030'	400	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 8182' feet, and from - feet to - feet.

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

PRODUCTION

Put to producing April 17 19 51

The production of the first 7 hours was 294.87 barrels of fluid of which 99.7 % was oil; 0.3 % emulsion; - % water; and - % sediment. Gravity, Be 41.4

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 30 th

Hobbs, New Mexico April 30, 1951

day of April 19 51

Name H. C. Massey

Position District Engineer

Fred Lawson Notary Public

Representing Cities Service Oil Company Company or Operator.

My Commission expires February 8, 1954

Address Drawer G., Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	80'	80'	Surface soil and caliche
80'	1210'	1130'	Red bed
1210'	1390'	180'	Anhy and shells
1390'	1460'	70'	Salt, anhy and shells
1460'	2475'	1015'	Salt and anhy
2475'	2510'	35'	Anhy and shale
2510'	2578'	68'	Anhy and salt streaks
2578'	2820'	242'	Anhy and gyp
2820'	3143'	323'	Anhydrite
3143'	3266'	123'	Anhy and lime
3266'	7510'	4244'	Lime
7510'	7703'	193'	Lime and shale
7703'	7726'	23'	Sand and lime
7726'	7870'	144'	Sand and shale
7870'	8111'	241'	Lime and shale
8111'	8150'	39'	Sandy lime and shale
8150'	8182'	32'	Lime

Formation Tops

Simpson 7395'
 McKee 7650'
 Ellenburger 8030'

DST: 8015' to 8182' (167'). Tool open 2 hours 26 minutes, closed 15 min. BU, 1" TC $\frac{1}{2}$ " BC. Gas to surface 5 minutes, oil in 16 min. Flowed 140.3 barrels of clean oil in 2 hours. GOR 658, Gravity 42 deg. IFP 2350#, FFP 2125#, 15 min SI 2500#, MCP 4150#