

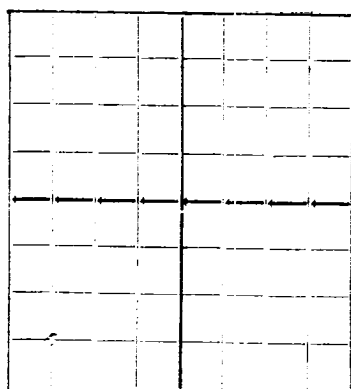
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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

DUPLICATE

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE.

Empire Oil and Refining Co.

Bartlesville, Oklahoma

State G

Company or Operator

Address

Well No. 1

In SESE

of Sec. 2

T. 21-S

Lease

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

Well is 4620 feet south of the North line and 4620 feet west of the East line of Section # 2

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

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Empire Oil and Refining Co. Address Bartlesville, Oklahoma

Drilling commenced May 1, 1937 19 Drilling was completed May 25 19 37

Name of drilling contractor Oil Well Drilling Co. Address Hobbs, New Mexico

Elevation above sea level at top of casing 3552 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3725 to 3852 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 None 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
10 3/4"	40	8		203				
7 5/8"	26.6	10		1287	Float			
5 1/2"	17	10		3700	Float			
2 1/2" UP	6.5	10		3826				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIR SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	10 3/4"	203	150	Halliburton		
9"	7 5/8"	1287	500	Halliburton		
7 3/4"	5 1/2"	3700	150	Halliburton		

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
		Chemical	2000	5-28-37	3725-3852	
		Chemical	3000	5-30-37	3725-3852	

Results of shooting or chemical treatment After first treatment well flowed at the rate of 106 barrels in oil in the first three hours. After second treatment well flowed at the rate of 193 barrels oil with 500,000 cubic feet of gas on 12 hour test.

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 3852 feet, and from feet to feet

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

PRODUCTION

Put to producing 6-1-37 19

The production of the first 24 hours was 306 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. Gas-Oil Ratio 568 to 1

EMPLOYEES

Cliff B. Haynes Driller J. R. Jennings Driller

C. R. Cosby 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 22nd

Hobbs, New Mexico June 22, 1937

day of June 19 37

Name R. G. Stoltz

Position Division Clerk

Representing Empire Oil and Refining Co.

Company or Operator

My Commission expires 6-26-39

Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	180	180	Surface sand
180	210	30	Red Bed
210	606	396	Red bed sand and shale
606	1035	429	Red bed shells and red rock
1035	1258	223	Red rock and red bed
1258	1275	17	Red rocks and shale
1275	1400	125	Anhydrite
1400	1592	192	Salt and anhydrite
1592	2141	549	Red bed anhydrite and salt
2141	2485	344	Salt and anhydrite
2485	2515	20	Anhydrite
2515	2575	60	Anhydrite and sand
2575	2611	36	Anhydrite
2611	2765	154	Lime and anhydrite
2765	2781	16	Gyp and anhydrite
2781	2786	5	Lime
2786	2856	70	Lime and anhydrite
2856	2915	59	Sandy lime and anhydrite
2915	2985	70	Broken sand and lime (Gas)
2985	3005	20	Lime
3005	3115	110	Lime and anhydrite
3115	3852	737	Lime