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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Empire Gas and Fuel Co.

State-0

Company or Operator

Lease

Well No. 27 in SW 1/4 of Sec. 16, T. 21

R. 36, N. M. P. M., Runigo Field, Lea County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of SW 1/4 Sec. 16

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 Address

Drilling commenced August 30, 1935, Drilling was completed November 1, 1935

Name of drilling contractor Olson Drig. Company, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3840 feet

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3762 to 3851 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. 2, 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
12 1/2	50	8		298				
9	32	10		1725				
7	24	10		3762				

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 1/2	298	100	Halliburton		
	9	1725	580	"		
	7	3762	150	"		

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

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 3851 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 11-1, 1935

The production of the first 24 hours was 1572 barrels of fluid of which 99 % was oil; 1 % 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

J. R. Pearce, Driller Pete Green, Driller
H. L. Iske, 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, 1935

L. M. J. L. L. L.

Hobbs, New Mexico 11-20-35

Name D. D. Redie

Position District Sup't.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	65	65	Caliche
65	275	210	Sand and red beds
275	285	10	Sand and shells
285	300	15	Red beds
300	423	123	Red beds and shells
423	660	237	Red beds and red rock
660	960	300	Sand and shale
960	1090	130	Shale and shells
1090	1139	49	Red and gray shale
1139	1204	65	Lime
1204	1278	74	Shale and shells
1278	1355	77	Red and green shale and lime shells
1355	1380	25	Shale
1380	1410	30	Anhydrite and lime
1410	1466	56	Anhydrite
1466	1521	55	Salt and shale
1521	1668	147	Salt and shells
1668	1712	44	Salt and anhydrite shells
1712	1734	22	Anhydrite
1734	1739	5	Salt
1739	2300	564	Salt and anhydrite
2300	2375	75	Salt and potash
2375	2770	395	Salt and anhydrite
2770	2805	35	Salt
2805	2830	25	Anhydrite and lime
2830	2889	59	Lime and anhydrite
2889	3122	233	Anhydrite and lime
3122	3154	32	Lime
3154	3200	46	Broken lime and anhydrite
3200	3280	80	Lime
3280	3305	25	Sandy lime
3305	3394	89	Lime and anhydrite
3394	3478	84	Lime
3478	3492	14	Sand shale
3492	3700	208	Lime
3700	3718	18	Lime sandy
3718	3747	29	Lime
3747	3765	18	Lime and sand
3765	3851	86	Lime Total depth.