FORM C-105

Accept 3957

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Leonard Oil Company (Company or Operator) ~~B-1266~~ B-255 (Lease)

State Well No. 11 in SW¼ SW¼ of Sec. 28, T. 17S

R. 29E, N.M.P.M., Leonard Field, Eddy County.

Well is 990' feet ~~south~~ of the ~~North~~ line and 1650' feet ~~west~~ of the East line of Sec. 28

If State land the oil and gas lease is No. B-255 Assignment No. 3

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Leonard Oil Company, Address Roswell, New Mexico

Drilling commenced July 22, 1944 Drilling was completed September 22, 1944

Name of drilling contractor Reach & Shepard, Address Artesia, New Mexico

Elevation above sea level at top of casing 3557 feet.

The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 2335' to 2345' (Small show of gas) No. 4, from _____ to _____

No. 2, from 2817' to 2826' (Show of oil) No. 5, from _____ to _____

No. 3, from 2842' to 2854' (Oil & Gas) 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 60' to 75' feet. 15'

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	PERFORATED TO	PURPOSE
8-5/8	28 lb.	8	J & L	355'					
7"	20 lb.	8	J & L	2750'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8-5/8"	355'	60			
8"	7"	2750'	50			

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
5"		glycerine	40 qts	9/6-44	2845' to 2865'	To straighten hole
		acid	4000 gal.	9/29-44	3030 to 3063'	
		acid	10000 gal.	10/3-44	2842 to 2852'	

Results of ~~shooting or~~ chemical treatment Increased production from 25 bbls. per day to 115 bbls.

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3063 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing October 1, 1944

The production of the first 24 hours was 115 barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be 36 degrees

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. R. Roach, Driller _____, Driller

E. J. Shepard, 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.

Roswell, New Mexico (Place) Oct. 11, 1944 (Date)

Name [signature]

Position President

Subscribed and sworn to before me this 11th day of October, 1944

Edna Mae Bear

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cleachie
10	60	50	Sandy Shale
60	75	15	Sand & Gravel
75	100	25	Gyp
100	135	35	Anhydrite
135	240	105	Red & Gray Shale
240	300	60	Red Rock & Shells
300	355	55	Salt
355	460	105	Salt & Anhydrite
460	475	15	Salt
475	490	15	Gyp & Anhydrite
490	655	165	Salt
655	675	20	Anhydrite
675	715	40	Salt
715	815	100	Anhydrite
815	970	155	Broken Anhydrite & Red Rock
970	1095	125	Broken Anhydrite
1095	1240	145	Broken Anhydrite & Red Rock
1240	1380	140	Broken Anhydrite
1380	1520	140	Anhydrite
1520	1645	125	Anhydrite & Gyp
1645	1745	100	Anhydrite
1745	1955	210	Anhydrite
1955	1970	15	Brown Lime
1970	2220	250	Anhydrite
2220	2250	30	Brown Lime
2250	2440	190	Lime
2440	2475	35	Sandy Lime
2475	2525	50	Lime & Green Shale Breaks
2525	2535	10	Gray Lime
2535	2542	7	Brown Sandy Shale
2542	2550	8	Gray Lime
2550	2565	15	Pink Lime
2565	2590	25	Gray Lime
2590	2610	20	White Lime
2610	2650	40	Gray Lime
2650	2675	25	Lime
2675	2680	5	Gray Lime
2680	2710	30	Brown Sandy Lime
2710	2815	105	Gray Lime
2815	2826	11	Brown Lime
2826	2840	14	Gray Lime
2840	2855	15	Brown Lime
2855	2935	80	Gray Lime
2935	2960	25	Lime
2960	2978	18	Gray Lime
2978	3051	73	Brown Lime
3051	3063	12	Brown Lime