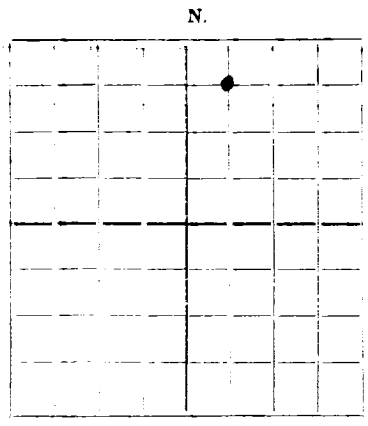
FORM C-105



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 . . Justis
Company or Operator Lease

Well No. 3 in C. NW¼ NW¼ of Sec. 20, T. 25S

R. 37E, N. M. P. M. Lea-Mattix Field, Lea County.

Well is 990 feet south of the North line and 1980 feet west of the East line of Sec. 20.

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

If patented land the owner is . . Justis, Address _____

If Government land the permittee is _____, Address _____

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

Drilling commenced August 8 1945. Drilling was completed Sept. 29 1945

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

Elevation above sea level at top of casing _____ feet.

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

OIL SANDS OR ZONES

No. 1, from Show of Gas 2786' to 2790'

~~Show of~~ Gas 2883' - 300,000 feet

No. 2, from _____ to 2885'

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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 150' to 160' feet. 10'

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"	32#	8	J & L	1163					
7"	20#	8	J & L	2774					

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"	1163'	50			
8"	7"	2774'	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

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

Cable tools were used from 0 feet to 3003 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Shut in, 19____

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

If gas well, cu. ft. per 24 hours 300,000 ft. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 920

EMPLOYEES

O. L. Roach Driller _____ Driller

B. 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.

Subscribed and sworn to before me this 16th day of October 19 45

Roswell, New Mexico. Oct. 16, 1945
Place Date

Name _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	Gyp
30	50	30	Sand
50	65	15	Red Shale
65	85	20	Red Rock
85	100	15	Red Rock
100	175	75	Blue Shale
175	315	140	Red Rock
315	330	15	Sandy Shale
330	350	20	Red Rock
350	360	10	Water Sand
360	365	5	Sand
365	390	25	Red Rock
390	500	110	Sandy Shale
500	545	45	Sandy Shale - Gray
545	570	25	Sandy Shale
570	680	110	Red Rock
680	1015	335	Red Rock
1015	1070	55	Anhydrite
1070	1168	98	Anhydrite
1168	1170	2	Brown Shale
1170	1175	5	Red Rock
1175	1185	10	Rustler Salt
1185	1240	55	Anhydrite & Red Rock
1240	1275	35	Blue Shale
1275	1320	45	Red Rock
1320	1340	20	Salt Potash
1340	1380	40	Salt Potash
1380	1420	40	Anhydrite
1420	1445	5	Salt
1445	1460	15	Salt & RedRock
1460	1505	45	Salt & Potash
1505	1525	20	Anhydrite
1525	1870	345	Salt
1870	1885	15	Anhydrite
1885	1970	85	Salt
1970	2085	115	Salt & Potash
2085	2140	55	Salt
2140	2180	40	Anhydrite
2180	2210	30	Salt
2210	2250	40	Anhydrite
2250	2265	15	Salt
2265	2295	30	Anhydrite
2295	2410	115	Salt
2410	2450	40	Anhydrite
2450	2575	125	Salt
2575	2625	50	Salt-Anhydrite shell
2625	2630	5	Salt
2630	2690	60	Anhydrite
2690	2725	35	Anhydrite & Lime
2725	2730	5	Anhydrite
2730	2774	44	Brown Lime
2774	2783	9	Lime
2783	2786	3	Lime
2786	2790	4	Brown Lime
2790	2806	16	Grey Sandy Shale
2806	2814	8	Lime
2814	2822	8	Grey Shale
2822	2840	18	Sandy Lime
2840	2843	3	Blue Shale
2843	2870	27	Lime
2870	2883	13	Sandy Shale
2883	2946	63	Lime
2946	2952	6	Lime - Sandy
2952	2958	6	Lime Sand
2958	2968	10	Lime
2968	2975	7	Sand
2975	2993	18	Lime
2993	2995	2	Shale
2995	3002	7	Lime
3002	3007	5	Shale
3007	3015	8	Sandy Shale
3015	3023	8	Lime - Sandy