

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....**0**.....feet to.....**TD**.....feet, and from.....feet to.....feet.

Put to Producing.....**December 26,** 19**54**.....

GAS WELL: The production during the first 24 hours was (Est.) 75 M.C.F. plus _____ barrels of liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in.....

Northwestern New Mexico

T. Anhy.....	970'	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1370'	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2610'	T. Montoya.....	T. Farmington.....
T. Yates.....	2768'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	---	T. McKee.....	T. Menefee.....
T. Queen.....	3224'	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T.	T. Morrison.....
T. Drinkard.....		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

FORMATION RECORD

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.

December 27, 1954

.....
(Date)

Company or Operator. **LEONARD OIL COMPANY**
ORIGINAL SIGNED BY
Name. **ROBERT J. LEONARD**
Robert J. Leonard
PRESIDENT

Address..... **Box 708**
Roswell, N. M.
 Position or Title..... **President**

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

LEONARD OIL COMPANY

B. M. Justis

(Company or Operator)

(Lease)

Well No. 6, in SE 1/4 of NE 1/4, of Sec. 20, T. 25S, R. 37E, NMPM.

Langlie-Mattix

Lee

County.

Well is 2310 feet from North line and 330 feet from East line

of Section 20. If State Land the Oil and Gas Lease No. is

Drilling Commenced November 1, 1954 Drilling was Completed December 18, 1954

Name of Drilling Contractor Rosch & Shepard

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3057' BF The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2810' to 2825' (GAS) No. 4, from 2995' to 3015' (G)
No. 2, from 2912' to 2917' (GAS) No. 5, from 3317' to 3332' (GAS)
No. 3, from 2990' to 2995' (G) 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 320' to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
12-3/4"	400	NEW	121				Surface String
8-5/8"	280	NEW	1181				Intermediate
7"	200	NEW	3056				Production
5-1/2" LMR		NEW	270				
2-3/8"		NEW	3310				Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	12-3/4"	121'	100	Circulated		
10"	8-5/8"	1181'	60			
8"	7"	3056	100			
6"	5-1/2" LMR	3050-3310	25			

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated section from 3310-3332' with 3000 gallons of Hydro-free.

Result of Production Stimulation INCREASED PRODUCTION FROM 6 BOPD NATURAL to 75 BOPD

Depth Cleaned Out 3332'

FROM	TO	NO. FT.	FORMATION	FROM	TO	NO. FEET	FORMATION
0	30	30	Caliche	2670	2695	25	Lime
30	60	30	Sand	2695	2745	50	Brown Lime
60	70	10	Gravel	2745	2750	5	Broken Anhydrite
70	85	15	Sand	2750	2765	15	Lime
85	115	30	Blue Shale	2765	2775	10	Broken Lime & Shale
115	125	10	Shale	2775	2825	50	Shale & Sand
125	175	50	Sand	2825	2845	20	Shale and Sand
175	285	110	Red Bed	2845	2850	5	Sand
285	370	85	Sand	2850	2865	15	Broken Anhydrite
370	415	45	Blue Shale	2865	2885	20	Sand & Brkn Anhydrite
415	420	5	Shale	2885	2890	5	Lime
420	445	25	Sand	2890	2900	10	Shale & Sand
445	500	55	Blue Shale	2900	2912	12	Anhydrite
500	590	90	Red Rock	2912	2920	8	Sand
590	600	10	Sand	2920	2925	5	Lime
600	625	25	Red Rock	2925	2930	5	Brkn Anhy & Sand
625	642	17	Sand	2930	2945	15	Lime
642	978	336	Red Rock	2945	2955	10	Lime & Sand
978	1115	137	Anhydrite	2955	2990	35	Lime
1115	1125	10	Red Shale	2990	2995	5	Brkn Anhy & Lime
1125	1140	15	Anhydrite	2995	3015	20	Lime
1140	1160	20	Broken Anh. & RR	3015	3030	15	Sand
1160	1179	19	Red Rock	3030	3075	45	Lime
1179	1181	2	Anhydrite	3075	3085	10	Sandy Lime
1181	1185	4	Red Rock	3085	3320	235	Lime
1185	1210	25	Blue Shale	3320	3324	4	Sand
1210	1335	125	Red Rock	3324	3332	8	Lime
1335	1370	35	Anhydrite				
1370	1380	10	Salt				
1380	1440	60	Red Rock & Salt				
1440	1450	10	Salt				
1450	1470	10	Anhydrite				
1470	1530	60	Salt				
1530	2625	1095	Salt				
2645	2670	25	Anhydrite				

FORMATION	NO. FT.	TO	FROM	FORMATION	NO. FT.	TO	FROM
Caliche	30	30	2895	Lime	20	2895	2895
Sand	30	60	2895	Brown Lime	30	2895	2895
Gravel	10	70	2895	Broken Anhydrite	5	2895	2895
Sand	15	85	2895	Lime	15	2895	2895
Blue Shale	30	115	2895	Broken Lime & Shale	20	2895	2895
Shale	10	125	2895	Shale & Sand	30	2895	2895
Sand	20	145	2895	Shale and Sand	20	2895	2895
Red Bed	110	255	2895	Sand	5	2895	2895
Sand	85	370	2895	Broken Anhydrite	15	2895	2895
Blue Shale	45	415	2895	Sand & Brim Anhydrite	30	2895	2895
Shale	5	420	2895	Lime	10	2895	2895
Sand	25	445	2895	Shale & Sand	10	2895	2895
Blue Shale	25	500	2895	Anhydrite	15	2895	2895
Red Rock	20	520	2895	Sand	5	2895	2895
Sand	10	600	2895	Lime	5	2895	2895
Red Rock	25	625	2895	Brim Anhy & Sand	10	2895	2895
Sand	15	645	2895	Lime	10	2895	2895
Red Rock	335	978	2895	Lime & Sand	10	2895	2895
Anhydrite	137	1115	2895	Lime	10	2895	2895
Red Shale	10	1125	2895	Brim Anhy & Lime	10	2895	2895
Anhydrite	15	1140	2895	Lime	20	2895	2895
Broken Anhydrite	20	1160	2895	Sand	10	2895	2895
Red Rock	15	1175	2895	Lime	10	2895	2895
Anhydrite	5	1181	2895	Sandy Lime	10	2895	2895
Red Rock	4	1185	2895	Lime	20	2895	2895
Blue Shale	25	1210	2895	Sand	4	2895	2895
Red Rock	125	1335	2895	Lime	8	2895	2895
Anhydrite	35	1370	2895				
Salt	10	1380	2895				
Red Rock & Salt	20	1400	2895				
Salt	10	1420	2895				
Anhydrite	10	1430	2895				
Salt	60	1490	2895				
Salt	1000	2095	2895				
Anhydrite	10	2095	2895				