

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 QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

LEONARD OIL COMPANY

State No. E-1679

(Company or Operator)

(Lease)

Well No. 1, in NW 1/4 of SW 1/4 of Sec. 30, T. 16S, R. 37E, NMPM.
Lovington-Paddock Pool, Lea County.

Well is 1654-1/2 feet from South line and 330 feet from West line
of Section 30. If State Land the Oil and Gas Lease No. is E-1679

Drilling Commenced July 19, 19 54 Drilling was Completed August 13, 19 54

Name of Drilling Contractor Moran Drilling Company

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3845 BP
The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 6132 to 6277 TD 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 00 to _____ feet.
No. 2, from _____ 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
13-3/8"	46	New	285				Surface
8-5/8"	3200	New	3305				Intermediate
5-1/2"	14015	New	6105				Production
2-3/8"	4.7	New	6277 (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
13"	13-3/8	285	300	Halliburton		
10-3/4	8-5/8	3305	1600	Halliburton		
7-7/8	5-1/2	6105	425	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole from 6105' to 6277' with 10,000 gals. acid in three stages; first stage 1000 gals.; second stage 3000 gals; third stage 6000 gals. Work done by Dowell.

Result of Production Stimulation From small show of oil before first stage, treatment increased production to 4 BOPH.

Depth Cleaned Out

FORM 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 TD feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 25, 1954.
 OIL WELL: The production during the first 24 hours was 96 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 33° - 34°
 GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
 Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. 3080	T. Devonian.	T. Ojo Alamo.	
T. Salt. 2180	T. Silurian.	T. Kirtland-Fruitland.	
B. Salt. 2970	T. Montoya.	T. Farmington.	
T. Yates.	T. Simpson.	T. Pictured Cliffs.	
T. 7 Rivers.	T. McKee.	T. Menefee.	
T. Queen.	T. Ellenburger.	T. Point Lookout.	
T. Grayburg.	T. Gr. Wash.	T. Mancos.	
T. San Andres. 4605	T. Granite.	T. Dakota.	
T. Glorieta. 6038	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

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Caliche				
40	240	200	Sand				
240	1620	1380	Red Bed				
1620	2126	506	Red Rock				
2126	2180	54	Anhydrite				
2180	2970	790	Salt				
2970	3070	100	Anhydrite & Salt				
3070	3190	120	Anhydrite				
3190	3290	100	Lime				
3290	3802	512	Anhydrite				
3802	3948	146	Anhydrite & Lime				
3948	4605	657	Lime				
4605	4695	90	Lime and Sand				
4695	4839	144	Lime				
4839	4872	33	Lime and Sand				
4872	6277	1405	Lime				
		TD					

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator LEONARD OIL COMPANY
 Name. Robert Leonard
 Address. August 27th, 1954 Box 706, Roswell, N. M.
 Position or Title. President