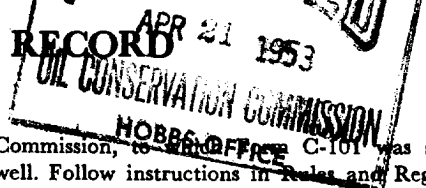


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



Mail to District Office, Oil Conservation Commission, to be received 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

B. M. Justice

(Company or Operator)

(Lease)

Well No. **4** in **NE** $\frac{1}{4}$ of **NE** $\frac{1}{4}$ of Sec. **19**, T. **29S**, R. **37E**, NMPM.

Langlie-Mattix

Lee

Pool,

County.

Well is **925** feet from **East** line and **255** feet from **North** line

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

Drilling Commenced **March 13,** 19**53** Drilling was Completed **April 7,** 19**53**Name of Drilling Contractor **ROGERS, INC.**Address **Box 1728, Hobbs, New Mexico**Elevation above sea level at Top of Tubing Head **3098'**
The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 3286 to 3296 Gas	No. 4, from _____ to _____
No. 2, from 3316 to 3330 Oil	No. 5, from _____ to _____
No. 3, from 3338 to 3360 Oil	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. 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
10-3/4"	32	Used	288				Surface String
7"	20	New	3280	Formation Packer Shoe			Prod. String
2-3/8"	4.7	New	3373				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
	10-3/4"	288'	225	Circulated		
	7"	3280'	300	Two-Stage Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated section from **3280' to 3380'** with **1500 gallons Gel** by **Halliburton**.

Result of Production Stimulation

Increase in oil to **15 BOPH** from a very small show of oil.

Depth Cleaned Out

3380'

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 3380 - TD feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing April 7, 19 53
 OIL WELL: The production during the first 24 hours was 360 barrels of liquid of which 100 % was
 was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
 Gravity _____
 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.	<u>1040</u>		T. Devonian		T. Ojo Alamo
T. Salt.	<u>1505</u>		T. Silurian		T. Kirtland-Fruitland
B. Salt.	<u>2522</u>		T. Montoya		T. Farmington
T. Yates.	<u>2895</u>		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen.	<u>3242</u>		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

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	30	30	Caliche				
30	40	10	Flint				
40	94	54	Sand and Clay				
94	199	105	Red Bed & Anhydrite				
199	284	85	Sand & Red Rock				
284	380	96	Red Bed & Sand				
380	513	133	Sand, Red Rock & Shale				
513	921	408	Red Bed & Shells				
921	1042	121	Red Bed				
1042	1215	173	Anhydrite				
1215	1285	70	Salt				
1285	1505	220	Salt & Anhydrite				
1505	1515	10	Salt				
1515	2522	1007	Salt & Anhydrite				
2522	2679	157	Anhydrite, Gypsum & Salt				
2679	2705	26	Anhydrite				
2705	3063	358	Lime				
3063	3079	16	Lime & Dolomite				
3079	3114	35	Lime				
3114	3140	26	Lime & Gypsum				
3140	3380	240	Lime - T.D.				

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.

April 20, 1953
 _____ (Date)

Company or Operator LEONARD OIL COMPANY
Robert J. Leonard
 Name Robert J. Leonard
 Address Box 706, Russell, N. M.
 Position or Title President.