



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
SIGNAL OIL AND GAS COMPANY ET AL

LEONARD OIL COMPANY

Well No. **1** (Company of Operator) **NE** **7** **20-8** (Lease) **38-1**
Well No. **588**, in **Skaggs** $\frac{1}{4}$ of **NE** $\frac{1}{4}$ of Sec. **7**, T. **20-S**, R. **38-1**, NMPM.

Well is **588** feet from **North** line and **1999** feet from **East** line of Section **7**. Pool, **Lea** County.

If State Land the Oil and Gas Lease No. is **55**.
Drilling Commenced **October 22,** 19**55** Drilling was Completed **November 25,** 19**55**

Name of Drilling Contractor **Large Drilling Company**
Address **Box 752, Pecos, Texas**

Elevation **3555'** level at Top of Tubing Head. The information given is to be kept confidential until **30 days**, 19**55**.

OIL SANDS OR ZONES

No. 1, from **4008'** to **4080'** 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 **none** 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"	32.75#	new	290'	Tex. Pat.	none	none	Surface casing
7"	20#	"	4008'	Guide	"	"	Oil string

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"	10-3/4"	290'	250	Pump displ.	9.0	27 bbls.
9-7/8"	7"	4008'	870	" "	10.2	163 "

RECORD OF PRODUCTION AND STIMULATION

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

Acidized 4008-30 with 500 gals. Sandfraced 4008- 4080 with 20,000 gallons Sandoil and 20,000# sand

Well flowed

Result of Production Stimulation.....

Depth Cleaned Out.....

CORD OF DRILL-STEM AND SPECIAL TEST

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 Surface feet to 4010 feet, and from feet to feet.
 Cable tools were used from 4010 feet to 4080 feet, and from feet to feet.

PRODUCTION

Put to Producing November 26, 1955
 (Based on 2 1/2-hour test)
 OIL WELL: The production during the first 24 hours was 342 barrels of liquid of which 60 was oil;% was emulsion; 40 % water; and% was sediment. A.P.I. Gravity 36.5
 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>1488</u>	T. Devonian.....	T. Ojo Alamo.....	
T. Salt..... <u>1622</u>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt..... <u>2565</u>	T. Montoya.....	T. Farmington.....	
T. Yates..... <u>2748</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen..... <u>3569</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg..... <u>3872</u>	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	1488	1488	Sand & red beds				
1488	1622	134	Anhydrite				
1622	2565	943	Salt				
2565	2748	183	Anhydrite				
2748	3569	821	Yates				
3569	3872	303	Queen				
3872	4080	208	Grayburg				

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.

Fort Worth, Texas December 5, 1955
(Date)

Company or Operator..... Signal Oil and Gas Company Address..... 1010 Ft. Worth Nat. Bank Bldg.
 Name..... R. U. Vlack Position or Title..... Chief Division Engineer