

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

SIGNAL OIL AND GAS CO. ET AL

(Company or Operator)

J. M. LEONARD

(Lease)

Well No. **1**, in **SE** 1/4 of **NW** 1/4, of Sec. **6**, T. **20-S**, R. **38-E**, NMPM.**SKAGGS**

Pool,

**LEA**

County.

Well is **1980** feet from **North** line and **2006.4** feet from **West** lineof Section **6**. If State Land the Oil and Gas Lease No. is **-**Drilling Commenced **May 1,** 19**55** Drilling was Completed **May 23,** 19**55**Name of Drilling Contractor **Thomas Drilling Company**Address **Petroleum Bldg., Hobbs, New Mexico**Elevation above sea level at Top of Tubing Head **90 days** The information given is to be kept confidential until **90 days**, 19**55**

## OIL SANDS OR ZONES

No. 1, from **4058** to **4090** 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 \_\_\_\_\_ 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
<b>10-3/4"</b>	<b>32.75#</b>	<b>new</b>	<b>2631</b>	<b>Tex.pat.</b>	<b>-</b>	<b>none</b>	<b>surface string</b>
<b>5-1/2"</b>	<b>14#</b>	<b>new</b>	<b>4167</b>	<b>Baker Guide</b>	<b>-</b>	<b>4058-4090</b>	<b>oil string</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17 1/2"</b>	<b>10-3/4"</b>	<b>262</b>	<b>300</b>	<b>Pump Displ.</b>	<b>10#/gal</b>	<b>25 bbls. mud</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>4167</b>	<b>960</b>	<b>" "</b>	<b>10#/gal</b>	<b>106 " "</b>

## RECORD OF PRODUCTION AND STIMULATION

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

**Treated perforations 4058 -4090 with 250 gals. Mud acid****Well flowed after swabbing 7 hours**

Result of Production Stimulation \_\_\_\_\_

Depth Cleaned Out **4150**

# JOED OF DRILL-STEM AND SPECIAL TE

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 4170 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing June 1, 55, 19  
OIL WELL: The production during the first 24 hours was 217 barrels of liquid of which 99 was oil; 25 % was emulsion; % water; and 1 % was sediment. A.P.I. Gravity 37.5

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	1550		T. Devonian		T. Ojo Alamo
T. Salt	1690		T. Silurian		T. Kirtland-Fruitland
B. Salt	2631		T. Montoya		T. Farmington
T. Yates	2803		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3625		T. Ellenburger		T. Point Lookout
T. Grayburg	3918		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	1550	1550	Sand & red beds				
1550	1690	140	Anhydrite				
1690	2631	941	Salt				
2631	2803	172	Anhydrite				
2803	3625	822	Yates				
3625	3918	293	Queen				
3918	4170	252	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 June 2, 1955  
Company or Operator SIGNAL OIL AND GAS CO. Address 1010 Ft. Worth Nat. Bk. Bldg., Fort Worth, Tex  
Name R. C. Vlack Position or Title Chief Division Engineer