



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. If State Land submit 6 Copies

THE SUPERIOR OIL COMPANY

(Company or Operator)

State "331"

(Lease)

Well No. 1-331, in NE 1/4 of SW 1/4, of Sec. 19, T. 13-S, R. 32-E, NMPM.

Caprock Pool, Lea County.

Well is 1980 feet from South line and 1980 feet from West line

of Section 19. If State Land the Oil and Gas Lease No. is E-8149

Drilling Commenced April 16, 1955 Drilling was Completed June 20, 1955

Name of Drilling Contractor Western Drilling Company

Address P. O. Box 1428, Odessa, Texas

Elevation above sea level at Top of Tubing Head 4383' KB. The information given is to be kept confidential until

1955

### OIL SANDS OR ZONES

No. 1, from 3064' to 3071' (oil). 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
9-5/8"	32.3#	New	357'	Baker	None	None	Protect fresh water sands
7"	20#	New	3065'	Baker	None	None	Protect Oil sand

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	357'	250	Pump & Plug	1.05	Hole full
8-3/4"	7"	3065'	150	Pump & Plug	1.20	Hole full

### RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole 3065'-71' with 5000 gals Petrojel w/5000# sand, followed w/60 HLO.

Max pressure 3200/1500#. Final pressure 3000/1500#.

Result of Production Stimulation Pumped 56 BOPD

Depth Cleaned Out 3071' TD

# ORD 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 3071' TD feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing June 20, 1955.

OIL WELL: The production during the first 24 hours was 56 barrels of liquid of which 100 % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity 37.0°

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.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen. <u>Sand 3064'</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
<u>-0-</u>	<u>1460</u>	<u>1460</u>	<u>Redbeds</u>				
<u>1460</u>	<u>1590</u>	<u>130</u>	<u>Anhydrite &amp; shale</u>				
<u>1590</u>	<u>2170</u>	<u>580</u>	<u>Salt</u>				
<u>2170</u>	<u>2320</u>	<u>150</u>	<u>Anhydrite &amp; salt</u>				
<u>2320</u>	<u>2440</u>	<u>120</u>	<u>Sand &amp; anhydrite</u>				
<u>2440</u>	<u>2660</u>	<u>220</u>	<u>Dolomite &amp; anhydrite</u>				
<u>2660</u>	<u>3064</u>	<u>404</u>	<u>Shale, anhy &amp; salt</u>				
<u>3064</u>	<u>3071</u>	<u>7</u>	<u>Sand</u>				

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.

July 5, 1955

(Date)

Company or Operator THE SUPERIOR OIL COMPANY

Address Midland, Texas

Name L. J. Willis (L.J. Willis)

Position or Title Petroleum Engineer