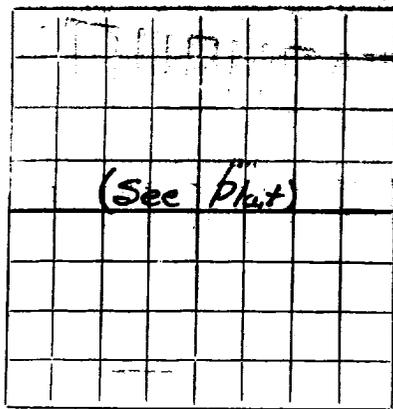


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

FEB 24 1953

Mail to District Office, Oil Conservation Commission, 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

The Superior Oil Company
(Company or Operator)

State "4"
(Lease)

Well No. **2-4**, in **Lot 16** **xxx**, of Sec. **4**, T-**16-S**, R-**35-E**, NMPM.

Townsend

Pool,

Lee

County.

Well is **660'** feet from **East** line and **3300'** feet from **South** line

of Section **4**. If State Land the Oil and Gas Lease No. is **B-10629**

Drilling Commenced **November 21**, 19 **52**. Drilling was Completed **February 17**, 19 **53**

Name of Drilling Contractor **The Superior Oil Company Tools.**

Address **The Superior Oil Company, Midland, Texas**

Elevation above sea level at Top of Tubing Head **Ground level 4025'**. The information given is to be kept confidential until
---, 19 ---

OIL SANDS OR ZONES

No. 1, from to 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 |
|---------|-----------------|-------------|--------|--------------|---------------------|--------------|---------------------|
| 13-3/8" | 48# | New | 298' | Baker | --- | --- | Surface string |
| 9-5/8" | 36# | New | 4560' | Baker | --- | --- | Intermediate 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 |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17-1/2" | 13-3/8" | 298' | 300 | Plug | --- | --- |
| 12-1/4" | 9-5/8" | 4560' | 3000 | Plug | 11.2 | --- |

RECORD OF PRODUCTION AND STIMULATION

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

None

Result of Production Stimulation.....

Depth Cleaned Out.....

ORD 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 11,562 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing _____, 19____

OIL WELL: The production during the first 24 hours was None barrels of liquid of which _____% was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I. Gravity _____

GAS WELL: The production during the first 24 hours was None 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>1787'</u> | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | <u>1906</u> | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | <u>2670</u> | T. Montoya..... | T. Farmington..... |
| T. Yates..... | <u>2993</u> | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | <u>3160</u> | T. McKee..... | T. Menefee..... |
| T. Queen..... | <u>3837</u> | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | <u>4337</u> | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... | <u>4552</u> | T. Granite..... | T. Dakota..... |
| T. Glorieta..... | <u>6151</u> | T. | T. Morrison..... |
| T. Drinkard..... | <u>7300</u> | T. | T. Penn..... |
| T. Tubbs..... | <u>---</u> | T. | T. |
| T. Abo..... | <u>8050</u> | T. | T. |
| T. Penn..... | <u>10,458</u> | T. | T. |
| T. Miss..... | <u>---</u> | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------|-------|-------------------|------------------------|------|----|-------------------|-----------|
| 0 | 1800 | 1800 | Red beds | | | | |
| 1800 | 2500 | 700 | Anhydrite | | | | |
| 2500 | 2900 | 400 | Salt & anhydrite | | | | |
| 2900 | 3200 | 300 | Anhydrite & sand | | | | |
| 3200 | 3300 | 100 | Dolomite and Anhydrite | | | | |
| 3300 | 4500 | 1200 | Anhydrite | | | | |
| 4500 | 9500 | 5000 | Dolomite and Lime | | | | |
| 9500 | 10460 | 960 | Lime and shale | | | | |
| 10460 | 11562 | 1102 | Chert & Lime & Shale | | | | |
| | | | T. D. - 11,562' | | | | |

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.

February 19, 1953 (Date)

Company or Operator..... The Superior Oil Company Address..... Midland, Texas

Name..... L. J. Willis *L. J. Willis* Position or Title..... Petroleum Engineer