



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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Carl J. Westlund

(Company or Operator)

Shell-State

(Lease)

Well No. 1, in NW ¼ of NW ¼, of Sec. 20, T-17-S, R-35-E, NMPM.

Vacuum

Pool,

Lea

County.

Well is 990 feet from West line and 990 feet from North line

of Section 20. If State Land the Oil and Gas Lease No. is E-7259

Drilling Commenced February 22, 1959. Drilling was Completed March 11, 1959.

Name of Drilling Contractor Westlund Drilling Company

Address Box 197, Midland, Texas

Elevation above sea level at Top of Tubing Head 3986.6. The information given is to be kept confidential until _____, 19_____.

OIL SANDS OR ZONES

No. 1, from 4547 to 4943 PB 4925 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 |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|--------------|
| 8-5/8" | 28# | Used | 289 | | - | - | Surface csg. |
| 5 1/8" | 14# | New | 4931 | | - | See below # | Oil String |
| 2" | (J-55) | New | 4653 | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--|
| 11" | 8-5/8 | 301 | 175 sx | Pump & plug | 50 | 296 sx (Gel-Bentonite Salt Water Gel, Starch Lime) |
| 7-7/8" | 5 1/2 | 4943 | 200 sx | " " " | | |

RECORD OF PRODUCTION AND STIMULATION

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

*Perforations: 4547-52; 4597-4600; 4629-34; 4639-43; 4651-57; 4684-4705; 4708-29; 4769-78; 4856-82; 2 shots per ft. 4,500 gal. BDA pumped down; frac-ed w/50,000 gal. oil & 47,500# sand.

Result of Production Stimulation Well made 49.50 bbls. oil & 4.91 bbls. water on 24-hr.

Potential Test.

Depth Cleaned Out 4925 PBTD

RECORD 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 4943 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing May 14, 1959
 OIL WELL: The production during the first 24 hours was 49.50 barrels of liquid of which 91 % was
 was oil; _____ % was emulsion; 9 % water; and _____ % was sediment. A.P.I.
 Gravity 35
 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>1772</u> | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | <u>1880</u> | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | <u>3030</u> | T. Montoya..... | T. Farmington..... |
| T. Yates..... | <u>3150</u> | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | | T. McKee..... | T. Menefee..... |
| T. Queen..... | <u>3990</u> | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | <u>4330</u> | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... | <u>4644</u> | 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 | 250 | 250 | Suf. sand & caliche | | | | |
| 250 | 1772 | 1522 | Redbeds | | | | |
| 1772 | 1880 | 108 | Anhydrite | | | | |
| 1880 | 3030 | 1150 | Salt | | | | |
| 3030 | 3150 | 120 | Anhy. & lime | | | | |
| 3150 | 3990 | 840 | Yates | | | | |
| 3990 | 4330 | 340 | Queen | | | | |
| 4330 | 4644 | 314 | Grayburg | | | | |
| 4644 | 4925 | 281 | San Andres | | | | |
| | | | PBTD 4925 | | | | |
| | | | TD 4943 | | | | |

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.

Date May 29, 1959 (Date)

Company or Operator Carl N. Westlund Address Box 197, Midland, Texas
 Name [Signature] Position or Title Agent