



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOV 9 AM 9:25

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

The Pure Oil Company

(Company or Operator)

State-Les "Q"

(Lease)

Well No. 1, in NE 1/4 of SE 1/4, of Sec. 7, T. 16-S, R. 34-E, NMPM.

Mesa Green

Les

Pool, County.

Well is 1980 feet from South line and 390 feet from East line

of Section 7. If State Land the Oil and Gas Lease No. is 00-265

Drilling Commenced October 3, 1959 Drilling was Completed October 16, 1959

Name of Drilling Contractor Western Drilling Company, Inc.

Address 1603 Broadway, Lubbock, Texas

Elevation above sea level at Top of Tubing Head 4147' 30F The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 3934' to 3954' 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 Unknown 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" | 24#             | New         | 354'   | Guide Shoe                 |                     |                             |         |
| 7-1/2" | 15.5# 14#       | Used        | 3999'  | Larkin Filrite Casing Shoe |                     | 3934'-3954' w/ 80 jet shots |         |

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"      | 8-5/8"         | 354'      | 300   | Pump and plug |             |                    |
| * 7-7/8"     | 7-1/2"         | 3999'     | 200   | Pump and plug |             |                    |
|              |                |           | (Displaced cement w/ 500 gals. 20 Acid & water) |               |             |                    |

\* 7-7/8" hole to 3905'  
7-3/4" hole 3905'-4000'

RECORD OF PRODUCTION AND STIMULATION

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

Treated Mesa Perforations 3934'-3954' w/ 20,000 gallons Refined Oil and 80,000 lbs. sand.

Result of Production Stimulation

Depth Cleaned Out

**RECORD OF DRILL-STEM AND SPECIAL TS**

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 4000 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing October 30, 1959

OIL WELL: The production during the first 24 hours was 163 barrels of liquid of which 100 % was  
 was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.

Gravity 34.6 @ 60 deg. (based on 24 hour pumping test, 50" stk.,  
135 SFM, 163 bbls. oil)

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**

T. Anhy. 1530'  
 T. Salt \_\_\_\_\_  
 B. Salt \_\_\_\_\_  
 T. Yates 2779'  
 T. 7 Rivers \_\_\_\_\_  
 T. Queen 3668'  
 T. Grayburg \_\_\_\_\_  
 T. San Andres \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Tubbs \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. Miss \_\_\_\_\_

T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

**Northwestern New Mexico**

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Farmington \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

**FORMATION RECORD**

| From | To   | Thickness<br>in Feet | Formation                                       | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|---|------|----|----------------------|-----------|
| 0    | 269  | 269                  | Surface rock                                    |      |    |                      |           |
| 269  | 359  | 90                   | Sand & redbed                                   |      |    |                      |           |
| 359  | 543  | 186                  | Redbed & shale                                  |      |    |                      |           |
| 543  | 1296 | 751                  | Cement & redbed                                 |      |    |                      |           |
| 1296 | 1916 | 620                  | Redbed & shale                                  |      |    |                      |           |
| 1916 | 2209 | 293                  | Anhydrite & shale                               |      |    |                      |           |
| 2209 | 2479 | 270                  | Shale, redbed & salt                            |      |    |                      |           |
| 2479 | 2894 | 415                  | Shale & salt                                    |      |    |                      |           |
| 2894 | 2971 | 77                   | Anhydrite & shale                               |      |    |                      |           |
| 2971 | 3022 | 51                   | Anhydrite & dolomite                            |      |    |                      |           |
| 3022 | 3125 | 103                  | Lime & anhydrite                                |      |    |                      |           |
| 3125 | 3162 | 37                   | Anhydrite & shale                               |      |    |                      |           |
| 3162 | 3363 | 201                  | Anhydrite, shale & dolo.                        |      |    |                      |           |
| 3363 | 3408 | 45                   | Anhydrite & lime                                |      |    |                      |           |
| 3408 | 3483 | 75                   | Lime  |      |    |                      |           |
| 3483 | 3710 | 227                  | Lime & gypsum                                   |      |    |                      |           |
| 3710 | 4000 | 290                  | Lime  |      |    |                      |           |
|      | 4000 |                      | TOTAL DEPTH                                     |      |    |                      |           |
| 4000 | 3969 | 31                   | PBTD (Top of cement<br>inside 5-1/2" OD Casing) |      |    |                      |           |

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.

November 5, 1959

(Date)

Company or Operator The Pure Oil Company

Address P. O. Box 2107, Fort Worth 1, Texas

Name J. L. Buttle

Position or Title Chief Clerk