

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.

Great Western Drilling Company  
(Company or Operator)

State "NM"

(Lease)

Well No. 2, in SE 1/4 of SW 1/4, of Sec. 24, T.-13-S, R.-31-E, NMPM.

Caprock Queen

Pool,

Chaves

County.

Well is 1980' feet from West line and 660 feet from South line

of Section 24. If State Land the Oil and Gas Lease No. is B-9359

Drilling Commenced October 30, 1955. Drilling was Completed November 8, 1955

Name of Drilling Contractor Pioneer Well Services, Ltd.

Address Box 1659, Midland, Texas

Elevation above sea level at Top of Tubing Head 4407' The information given is to be kept confidential until

Not confidential, 19

## OIL SANDS OR ZONES

No. 1, from 3063 to 3068 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" | 24#             | New         | 288    | Guide        | -                   | -            | Surface    |
| 5 1/2" | 14#             | New         | 3056   | Float        | -                   | -            | Production |
|        |                 |             |        |              |                     |              |            |

## 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"         | 298       | 200                 | Pump & Plug | -           | -                  |
| 7 7/8"       | 5 1/2"         | 3063      | 100                 | Pump & Plug | -           | -                  |
|              |                |           |                     |             |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Fractured w/7500 gallons oil &amp; 15,000# sand.

Result of Production Stimulation Swabbed 85 BOPD before treatment.

Swabbed &amp; flowed 21 bbls./hr. after treatment.

Depth Cleaned Out 3068

# RECORD OF DRILL-STEM AND SPECIAL

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 3063 feet, and from feet to feet.  
Cable tools were used from 3063 feet to 3068 feet, and from feet to feet.

## PRODUCTION

Put to Producing November 13, 1955

OIL WELL: The production during the first 24 hours was 316 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 34.4

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.                | 1450 |  | T. Devonian             |  | T. Ojo Alamo          |
| T. Salt                 | 1560 |  | T. Silurian             |  | T. Kirtland-Fruitland |
| B. Salt                 | 2230 |  | T. Montoya              |  | T. Farmington         |
| T. Yates                | 2300 |  | T. Simpson              |  | T. Pictured Cliffs    |
| T. 7 Rivers             | 2440 |  | T. McKee                |  | T. Menefee            |
| T. Queen                | 3063 |  | 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<br>in Feet | Formation                  | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------------------|------|----|----------------------|-----------|
| 0    | 270  | 270                  | Surface Sand & Caliche     |      |    |                      |           |
| 270  | 1450 | 1180                 | Red Beds                   |      |    |                      |           |
| 1450 | 1560 | 110                  | Red Beds & Anhy.           |      |    |                      |           |
| 1560 | 2230 | 670                  | Red Beds, Salt & Anhy.     |      |    |                      |           |
| 2230 | 2300 | 70                   | Red Beds, Shale & Anhy.    |      |    |                      |           |
| 2300 | 2440 | 140                  | Sand, Shale & Red Beds     |      |    |                      |           |
| 2440 | 3063 | 623                  | Dolomite, Shale & Red Beds |      |    |                      |           |
| 3063 | 3068 | 5                    | Sand                       |      |    |                      |           |

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 16, 1955 (Date)  
Company or Operator Great Western Drilling Co. Address Box 1659, Midland, Texas  
Name M. B. Wilson Position or Title Chief Petroleum Engineer