

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.

Joseph I. O'Neill, Jr.

(Company or Operator)

State "I"

(Lease)

Well No. 1, in SE  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 14, T. 12S, R. 34E, NMPM.Ranger Lake (Penn.)

Pool,

Lea

County.

Well is 660 feet from south line and 660 feet from east lineof Section 14. If State Land the Oil and Gas Lease No. is E-1027Drilling Commenced 10-13, 19 60 Drilling was Completed 12-6, 19 60Name of Drilling Contractor Great Western Drilling CompanyAddress Box 1659 Midland, TexasElevation above sea level at Top of Tubing Head 4160 DF The information given is to be kept confidential until  
19     

## OIL SANDS OR ZONES

No. 1, from 10,276 to 10,280 No. 4, from      to     No. 2, from 10,286 to 10,290 No. 5, from      to     No. 3, from 10,296 to 10,304 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    |
|--------|-----------------|-------------|--------|---------------|---------------------|--|------------|
| 13-3/8 | 48              | New         | 385    | Texas Pattern |                     |  | Surface    |
| 8-5/8  | 32              | New         | 4140   | Larkin        |                     |  | Interm     |
| 5-1/2  | 17# 15.5        | New         | 10,357 | Baker         |                     | 10,276-280<br>10,286-290<br>10,296-304 | Oil 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         | 364       | 400                 | pump & plug | <del>cemented</del> | circulated         |
| 11           | 8-5/8          | 4158      | 600                 | pump & plug | <del>cemented</del> | circulated         |
| 7-7/8        | 5-1/2          | 10,344    | 200                 | pump & plug | <del>cement</del>   | circulated         |

## RECORD OF PRODUCTION AND STIMULATION

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

acidized w/2000 gals retarded acid pressured to 5800#broke to 4500# treated at 1 BPM Well kicked off and flowed to pit.

Result of Production Stimulation

Depth Cleaned Out

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 10,352 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 1-15, 1961

OIL WELL: The production during the first 24 hours was 277.80 barrels of liquid of which % was  
was oil; 100 % was emulsion; % water; and % was sediment. A.P.I.  
Gravity 40.4

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.                |        | T. Devonian             |      |
| T. Salt.                |        | T. Silurian             |      |
| B. Salt.                |        | T. Montoya              |      |
| T. Yates.               | 2832   | T. Simpson              |      |
| T. 7 Rivers             |        | T. McKee                |      |
| T. Queen                |        | T. Ellenburger          |      |
| T. Grayburg             |        | T. Gr. Wash             |      |
| T. San Andres           | 4153   | T. Granite              |      |
| T. Glorieta             |        | T.                      |      |
| T. Drinkard             |        | T.                      |      |
| T. Tubbs                |        | T.                      |      |
| T. Abo                  | 7770   | T. Wolfcamp             | 9190 |
| T. Penn (Ranger Lake)   | 10,260 | T.                      |      |
| T. Miss                 |        | T.                      |      |

FORMATION RECORD

| From | To     | Thickness<br>in Feet | Formation           | From   | To     | Thickness<br>in Feet | Formation |
|------|--------|----------------------|---------------------|--------|--------|----------------------|-----------|
| 0    | 46     | 46                   | Surface             | 10,083 | 10,175 | 92                   | shale     |
| 46   | 334    | 288                  | Surface             | 10,175 | 10,352 | 177                  | lime      |
| 334  | 395    | 61                   | Shale               |        |        |                      |           |
| 395  | 707    | 312                  | Red Beds            |        |        |                      |           |
| 707  | 1432   | 725                  | Red Beds & Shale    |        |        |                      |           |
| 1432 | 2148   | 716                  | Anhy & Red Beds     |        |        |                      |           |
| 2148 | 3246   | 1098                 | Anhy & Shale        |        |        |                      |           |
| 3246 | 3812   | 566                  | Anhy, Shale & Sand  |        |        |                      |           |
| 3812 | 4270   | 458                  | Shale, Dolo & Lime  |        |        |                      |           |
| 4270 | 4761   | 491                  | Lime & Sand         |        |        |                      |           |
| 4761 | 6512   | 1751                 | Lime & Sand         |        |        |                      |           |
| 6512 | 8408   | 1896                 | Lime                |        |        |                      |           |
| 8408 | 9012   | 604                  | Lime & Shale        |        |        |                      |           |
| 9012 | 9612   | 600                  | Lime, Shale & Chert |        |        |                      |           |
| 9612 | 10,083 | 471                  | Lime, Dolo & Shale  |        |        |                      |           |

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.

January 16, 1961 (Date)  
Company or Operator Joseph I. O'Neill, Jr. Address 410 West Ohio, Midland, Texas  
Name Roy L. Blanton Roy L. Blanton Position or Title Production Clerk