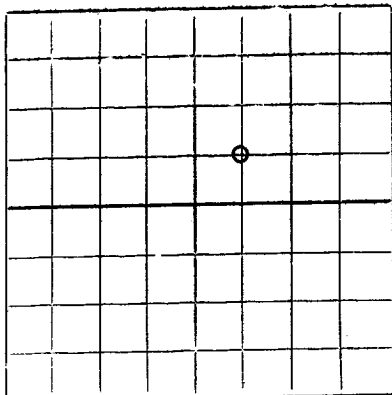


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DISTRICT OFFICE OCC

1987 NOV 18  
WELL RECORD 9:54

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.

The Pure Oil Company

(Company or Operator)

State-Lea "E"

(Lease)

Well No. 1, in SW  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec. 21, T. 16-S, R. 34-E, NMPM.Kennitz-Cisco Pool, Lea County.Well is 1980 feet from North line and 1980 feet from East lineof Section 21. If State Land the Oil and Gas Lease No. is OG-180Drilling Commenced July 27, 19 57 Drilling was Completed October 19, 19 57Name of Drilling Contractor Cactus Drilling CorporationAddress P. O. Box 348, San Angelo, TexasElevation above sea level at Top of Tubing Head 4107' SCF The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 2 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 None tested 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 |
|----------------|-----------------|-------------|----------------|---------------------------|------------------------|--------------------------|---------|
| <u>11-3/4"</u> | <u>42#</u>      | <u>New</u>  | <u>383'</u>    | <u>Guide Shoe</u>         |                        |                          |         |
| <u>8-5/8"</u>  | <u>32#, 24#</u> | <u>New</u>  | <u>4,527'</u>  | <u>Guide Shoe</u>         |                        |                          |         |
| <u>5-1/2"</u>  | <u>20#, 17#</u> | <u>New</u>  | <u>11,575'</u> | <u>Baker Differential</u> | <u>10,446'-10,476'</u> | <u>w/ 120 jet shots.</u> |         |
|                |                 |             |                | <u>Guide Shoe</u>         |                        |                          |         |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE   | SIZE OF CASING | WHERE SET      | NO. SACKS OF CEMENT | METHOD USED          | MUD GRAVITY | AMOUNT OF MUD USED |
|----------------|----------------|----------------|---------------------|----------------------|-------------|--------------------|
| <u>17-1/2"</u> | <u>11-3/4"</u> | <u>383'</u>    | <u>650</u>          | <u>Pump and plug</u> |             |                    |
| <u>11"</u>     | <u>8-5/8"</u>  | <u>4,527'</u>  | <u>2000</u>         | <u>Pump and plug</u> |             |                    |
| <u>7-3/4"</u>  | <u>5-1/2"</u>  | <u>11,575'</u> | <u>400</u>          | <u>Pump and plug</u> |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

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 11,581 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing October 26, 1957  
OIL WELL: The production during the first 24 hours was 1440 (based on 4 Hour Test) 100 barrels of liquid of which % was  
was oil; 0 % was emulsion; % water; and % was sediment. A.P.I.  
Gravity 44 Deg. at 60 Deg.  
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.                | 1575'   | T. Devonian             | T. Ojo Alamo          |
| T. Salt                 | 1683'   | T. Silurian             | T. Kirtland-Fruitland |
| B. Salt                 | 2645'   | T. Montoya              | T. Farmington         |
| T. Yates                | 2830'   | T. Simpson              | T. Pictured Cliffs    |
| T. 7 Rivers             |         | T. McKee                | T. Menefee            |
| T. Queen                | 3720'   | T. Ellenburger          | T. Point Lookout      |
| T. Grayburg             | 4130'   | T. Gr. Wash.            | T. Mancos             |
| T. San Andres           | 4500'   | T. Granite              | T. Dakota             |
| T. Glorieta             | 6029'   | T.                      | T. Morrison           |
| T. CLEARFORK            | 6604'   | T.                      | T. Penn.              |
| T. Tubbs                | 7232'   | T.                      | T.                    |
| T. Abo                  | 8010'   | T.                      | T.                    |
| T. Penn.                | 10,920' | T.                      | T.                    |
| T. Miss                 |         | T.                      | T.                    |

## FORMATION RECORD

| From | To   | Thickness<br>in Feet | Formation                 | From  | To    | Thickness<br>in Feet | Formation                                           |
|------|------|----------------------|---------------------------|-------|-------|----------------------|-----------------------------------------------------|
| 0    | 162  | 157                  | Caliche & rock            | 8802  | 9580  | 778                  | Lime                                                |
| 162  | 388  | 226                  | Sand & redbed             | 9580  | 9692  | 112                  | Lime & shale                                        |
| 388  | 1691 | 1303                 | Redbed                    | 9696  | 10009 | 317                  | Lime                                                |
| 1691 | 1785 | 94                   | Redbed, anhy., & shale    | 10009 | 10062 | 53                   | Sand & lime                                         |
| 1785 | 2583 | 798                  | Salt & anhydrite          | 10062 | 10119 | 57                   | Sand, lime & shale                                  |
| 2583 | 2810 | 227                  | Salt, anhydrite & gypsum  | 10119 | 10130 | 11                   | Sand & lime                                         |
| 2810 | 3045 | 235                  | Salt & anhydrite          | 10130 | 10537 | 407                  | Lime & shale                                        |
| 3045 | 3105 | 60                   | Anhydrite                 | 10537 | 10562 | 26                   | Lime, shale & sand                                  |
| 3105 | 3787 | 682                  | Anhydrite & shale         | 10562 | 10751 | 179                  | Lime & shale                                        |
| 3787 | 4010 | 223                  | Anhydrite, shale & gypsum | 10741 | 10820 | 79                   | Lime                                                |
| 4010 | 4030 | 20                   | Shale & sand              | 10820 | 10856 | 36                   | Lime & chert                                        |
| 4030 | 4319 | 289                  | Anhydrite, shale & lime   | 10856 | 10861 | 5                    | Chert, sand & lime                                  |
| 4319 | 4368 | 49                   | Lime, shale & gypsum      | 10861 | 10872 | 11                   | Lime & chert                                        |
| 4368 | 4511 | 143                  | Lime & shale              | 10872 | 10884 | 12                   | Lime, chert & shale                                 |
| 4511 | 4572 | 61                   | Lime                      | 10884 | 10921 | 37                   | Lime & chert                                        |
| 4572 | 6429 | 1857                 | Sand & lime               | 10921 | 10932 | 11                   | Lime, chert & shale                                 |
| 6429 | 6492 | 63                   | Sand, lime & shale        | 10932 | 11032 | 100                  | Lime & shale                                        |
| 6492 | 6716 | 224                  | Sand & lime               | 11032 | 11048 | 16                   | Lime & chert                                        |
| 6716 | 6791 | 75                   | Lime                      | 11048 | 11393 | 345                  | Lime & shale                                        |
| 6791 | 8123 | 1332                 | Sand & lime               | 11393 | 11549 | 156                  | Lime                                                |
| 8123 | 8373 | 250                  | Lime                      | 11549 | 11562 | 13                   | Shale & lime                                        |
| 8373 | 8421 | 48                   | Sand & lime               | 11562 | 11581 | 19                   | Shale                                               |
| 8421 | 8508 | 87                   | Lime                      |       |       |                      |                                                     |
| 8508 | 8593 | 85                   | Sand & lime               |       | 11581 |                      | TOTAL DEPTH                                         |
| 8593 | 8656 | 63                   | Sand, lime & shale        | 11581 | 11539 | 42                   | P.B.T.D. (Top of cement<br>inside 5-1/2" OD Casing) |
| 8656 | 8802 | 146                  | Sand & lime               |       |       |                      |                                                     |

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 8, 1957  
Company or Operator The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas  
Name Position or Title Chief Clerk