

**Santa Fe, New Mexico**

## Section 8

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company

State NO

(Company of Operator)

(L-100)

Well No. 2, in NW ¼ of SW ¼, of Sec. 8, T. 16-S, R. 34-E, NMPM.

## Kunde-Suchen

## Pool

**Lead**

**County.**

Well is 1980 feet from north line and 990 feet from west line

of Section 8 If State Land the Oil and Gas Lease No. is B-1079

Drilling Commenced December 22, 1953 Drilling was Completed December 29, 1953

Name of Drilling Contractor.....**Moran Drilling Company**.....

Address..... **Box 1718, Hobbs, New Mexico** .....

Elevation above sea level at Top of Tubing Head..... 1410..... The information given is to be kept confidential until  
not confidential....., 19.....

No. 1, from 3940 to 3956 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 3, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet. ....

No. 2, from.....to.....feet. ....

No. 3. from ..... to ..... feet.

No. 4 from ..... to ..... feet. 61

| SIZE   | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS  | PURPOSE        |
|--------|-----------------|-------------|--------|--------------|---------------------|---------------|----------------|
| 8 5/8" | 32#             | New & SH    | 251'   |              |                     |               | Surface String |
| 5 1/2" | 15.5#           | New & SH    | 3990'  | Larkin       |                     | 3940' - 1956' | Oil String     |
|        |                 |             |        |              |                     |               |                |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY         | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|---------------------|--------------------|
| 11"          | 8 5/8"         | 262'      | 225                 | Pump & Plug | Cemented to surface |                    |
| 7 7/8"       | 5 1/2"         | 1000'     | 200                 | Pump & Plug |                     |                    |
|              |                |           |                     |             |                     |                    |

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

Treated w/20,000 gallons lease crude containing 0.1# Adomite & 2# sand/gallon.

Overflashed w/23 BS.

Result of Production Stimulation On OPT pumped 206 BOPD (based on 43 BO in 5 hours) no water

..4-3-51..SPM

..Depth Cleaned Out.....3974'

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 1002 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 11, 1959

OIL WELL: The production during the first 24 hours was 206 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 36.3 deg. API

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. Ojo Alamo          |
| T. Salt                 | T. Silurian               | T. Kirtland-Fruitland |
| B. Salt                 | T. Montoya                | T. Farmington         |
| T. Yates 2891' (+1259') | T. Simpson                | T. Pictured Cliffs    |
| T. 7 Rivers             | T. McKee                  | T. Menefee            |
| T. Queen 3652' (+193')  | T. Ellenburger            | T. Point Lookout      |
| T. Grayburg             | T. Gr. Wash               | T. Mancos             |
| T. San Andres           | T. Granite                | T. Dakota             |
| T. Glorieta             | T. Pennrose 3938' (+212') | 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    | 225  | 225               | Surface Sand, Caliche |      |    |                   |           |
| 225  | 1514 | 1319              | Red Beds              |      |    |                   |           |
| 1514 | 2978 | 1434              | Anhydrite & Salt      |      |    |                   |           |
| 2978 | 3277 | 299               | Anhydrite             |      |    |                   |           |
| 3277 | 3851 | 574               | Anhydrite & Gypsum    |      |    |                   |           |
| 3851 | 1002 | 151               | Dolomite & 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.

January 12, 1959 (Date)  
Company or Operator Shell Oil Company Address Box 845, Roswell, New Mexico  
Name Rex C. Cabaniss Original Signed By Rex C. Cabaniss Position or Title District Exploitation Engineer