

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.

Shell Oil Company

(Company or Operator)

State TD

(Lease)

Well No. 4, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 2, T. 16-N, R. 35-E, NMPM.

Townsend-Wolfcamp

Pool,

Lea

County.

Well is 1980 feet from south line and 990 feet from east lineof Section 2. If State Land the Oil and Gas Lease No. is E-7720Drilling Commenced November 18, 1955 Drilling was Completed January 15, 1956Name of Drilling Contractor Corbett Drilling CompanyAddress Box 1608, Odessa, TexasElevation above sea level at Top of Tubing Head 3926 The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from 10,580 to 10,610 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 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 | 335' | | | | Surface String |
| 8 5/8" | 32 | new | 4,699' | | | | Salt String |
| 5 1/2" | 15.5 # | new | 10,642' | | | 10,580'-10,610' | 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 1/4" | 13 3/8" | 351 | 400 | Pump & Plug | Cemented to surface | |
| 11" | 8 5/8" | 4,674 | 2150 | Pump & Plug | Cemented to surface | |
| 7 7/8" | 5 1/2" | 10,650 | 300 | Pump & Plug | | |

RECORD OF PRODUCTION AND STIMULATION

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

Washed perforations w/500 gallons mud cleanout agent. Treated w/1500 gallons

mud cleanout agent.

Result of Production Stimulation ON OPT flowed 432 MOPD (based on 198 M in 11 hours) cut 0.45 BSW thru 20/64" choke. PTP 425 psi.Depth Cleaned Out 10,624'

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 10,699 feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 18, 19 56

OIL WELL: The production during the first 24 hours was 472 barrels of liquid of which 25.6% was
 was oil; % was emulsion; % water; and 0.4% was sediment. A.P.I.
 Gravity 41.7 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 | | | T. Devonian | | T. Ojo Alamo |
| T. Salt | | | T. Silurian | | T. Kirtland-Fruitland |
| B. Salt | | | T. Montoya | | T. Farmington |
| T. Yates | | | T. Simpson | | T. Pictured Cliffs |
| T. 7 Rivers | | | T. McKee | | T. Menefee |
| T. Queen | | | T. Ellenburger | | T. Point Lookout |
| T. Grayburg | | | T. Gr. Wash | | T. Mancos |
| T. San Andres | | | T. Granite | | T. Dakota |
| T. Glorieta | | | T. Wolfcamp 10,602' (-6406') | | 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 | 9500 | 9500 | No samples taken | | | | |
| 9500 | 9650 | 150 | Dolomite | | | | |
| 9650 | 9760 | 110 | Dolomite & lime | | | | |
| 9760 | 10370 | 570 | Lime | | | | |
| 10370 | 10500 | 170 | Lime & shale | | | | |
| 10500 | 10647 | 147 | Lime | | | | |
| | TD | 10647 | | | | | |

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 19, 1956
 Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico
 Name Henry Earl B. Nevill Position or Title Division Exploitation Engineer