

R-36-E

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD 10 14

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 QUINTUPPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Shell Oil Company

State JK

.....
(Company or Operator)

(Last)

Well No. 1, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 22, T. 23S, R. 36E, NMPM.

Langlie-Mattix

Lea

.....**Langlie-Hattix**.....**Pool,**.....**Ida**.....**County.**

Well is 1980 feet from south line and 660 feet from east line

of Section **22**..... If State Land the Oil and Gas Lease No. is..... **B-1167**

Drilling Commenced..... **February 20**, 19 **60** Drilling was Completed..... **February 29**, 19 **60**

Name of Drilling Contractor..... **Cactus Drilling Company**

Address..... **P. O. Box 788, San Angelo, Texas**

Elevation above sea level at Top of Tubing Head.....3389..... The information given is to be kept confidential until
not confidential 19.....

OIL SANDS OR ZONES

No. 1, from 3590' to 3732' 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 |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|----------------|
| 8 5/8" | 32# | NEW | 320' | | | | Surface String |
| 5 1/2" | 15.5# | NEW | 3751' | Larkin Float | | * | Oil String |
| | | | | | | | |
| | | | | | | | |

*3590' - 3594', 3626' - 3630', 3669' - 3673', 3685' - 3691', 3696' - 3699', 3705' - 3709',
3713' - 3716', 3719' - 3722', MUDDING AND CEMENTING RECORD 3728' - 3732'

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|---------------------|--------------------|
| 11" | 8 5/8" | 330' | 275 | Pump & Plug | Cemented to surface | |
| 7 7/8" | 5 1/2" | 3761' | 200 | Pump & Plug | | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 3590' - 3594', w/4-1/2" JSPF; 3626' - 3630', 3669' - 3673', 3685' - 3691',
3696' - 3699', 3705' - 3709', 3713' - 3716', 3719' - 3722', 3728' - 3732' w/2-1/2" JSPF.

Treated down casing w/27,000 gallons lease oil containing 1.5# sand/gallon and 20 gallons per 1000 gallons Dowell J-97.

Result of Production Stimulation..... On OPT flowed 141 BOPD + 35 BWPD (based on 44 BO in 7 1/2 hours + 11 BW) thru 20/64" choke. FTP 390 psi. CP 660 psi.

Depth Cleaned Out.....3740'

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

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TOOLS USED
3785

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.

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

March 10

PRODUCTION
60

Put to Producing....., 19.....176

80

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

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):

Rustler

1198' (+2193')

Southeastern New Mexico

Northwestern New Mexico

| | | |
|-------------------------------|---------------------|----------------------------|
| T. Anhy..... | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt.....3027' (+364') | T. Montoya..... | T. Farmington..... |
| T. Yates.....3238' (+153') | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers.....3626' (-235') | 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. | 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 | 200 | 200 | Surface Sands & Caliche | | | | |
| 200 | 1198 | 998 | Red Beds | | | | |
| 1198 | 3027 | 1829 | Salt & Anhydrite | | | | |
| 3027 | 3238 | 211 | Yates | | | | |
| 3238 | 3626 | 388 | Queen | | | | |
| 3626 | 3785 | 159 | Dolomite | | | | |

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.

March 14, 1960

Company or Operator.....Shell Oil Company
Original Signed By.....
Name.....R. A. Lowery.....B. A. LOWERY.....

Address.....Box 845, Roswell, New Mexico
Position.....District Exploitation Engineer