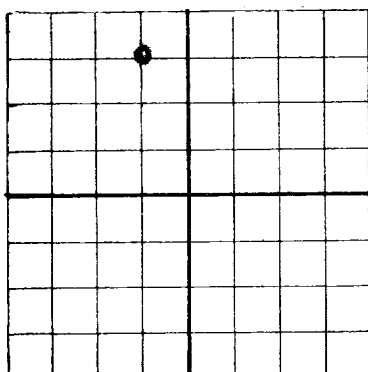


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Gulf Oil Corporation P. O. Box 661, Tulsa 2, Okla.
Company or Operator Address

H. T. Mattern -D Well No. 5 in 0 NE NW of Sec. 7, T. 22S
Lease

R. 37E, N. M. P. M., Penrose Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of Northwest Quarter

If State land the oil and gas lease is No. --- Assignment No. ---

If patented land the owner is (See reverse side) Address ---

If Government land the permittee is --- Address ---

The Lessee is Gulf Oil Corporation Address P.O. Box 661, Tulsa, Okla.

Drilling commenced April 13 1944 Drilling was completed May 18 1944

Name of drilling contractor Gulf's Own Rotary Tools Address ---

Elevation above sea level at top of casing 3439 feet.

The information given is to be kept confidential until --- 19---

OIL SANDS OR ZONES

No. 1, from 3650' to 3735' (Pay in Eunice Dolomite 3680')
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 | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED | | PURPOSE |
|--------|-----------------|------------------|-------------|--------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 9-5/8" | 25.7 | Slip Jt. Spiral | Armed Weld | 293' | | | | | |
| 5-1/2" | 14.0 | 8R | Smile Steel | 3627' | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 12-1/4" | 9-5/8" | 293' | 180 | Halliburton | | |
| 12-1/4" | 5-1/2" | 3627' | 350 | Halliburton | | |
| | | | | | | |
| | | | | | | |

PLUGS AND ADAPTERS

Heaving plug—Material --- Length --- Depth Set ---

Adapters—Material --- Size ---

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|---------|-----------------------|-------------------|
| | | Acid | 1000 | 5-26-44 | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment Flowed 277 bbls oil in 24 hours thru
2" tubing, 4% water, Gas 400,265 cu.ft..

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 TD feet, and from --- feet to --- feet

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

PRODUCTION

Put to producing June 1 1944

The production of the first 24 hours was 277 barrels of oil of which --- % was oil; --- % emulsion; 4 % water; and --- % sediment. Gravity, Be ---

If gas well, cu. ft. per 24 hours 400,265 Gallons gasoline per 1,000 cu. ft. of gas ---

Rock pressure, lbs. per sq. in. ---

EMPLOYEES

Gulf Oil Corporation Driller --- Driller ---

--- Driller --- Driller ---

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 12thday of July 1944H. W. Evans

Notary Public

(SEAL)

My Commission expires March 16, 1948

Tulsa, Oklahoma July 12, 1944

Name A. M. BELL JR.Position Assistant General SuperintendentRepresenting Gulf Oil CorporationAddress P.O. Box 661, Tulsa, Okla

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|----------------------------|
| 0 | 300 | | Surface sand and shale |
| | 1065 | | Shale and shells |
| | 1100 | | Anhydrite |
| | 1165 | | Anhydrite and shale |
| | 1195 | | Salt |
| | 1465 | | Anhydrite and salt |
| | 1485 | | Anhydrite |
| | 2345 | | Salt and anhydrite |
| | 2470 | | Salt, anhydrite and shale |
| | 2485 | | Salt breaks with anhydrite |
| | 2905 | | Anhydrite |
| | 3230 | | Lime and anhydrite |
| | 3288 | | Lime |
| | 3319 | | Lime and anhydrite |
| | 3571 | | Lime |
| | 3600 | | Lime, hard |
| | 3745 | | Lime, (total depth) |