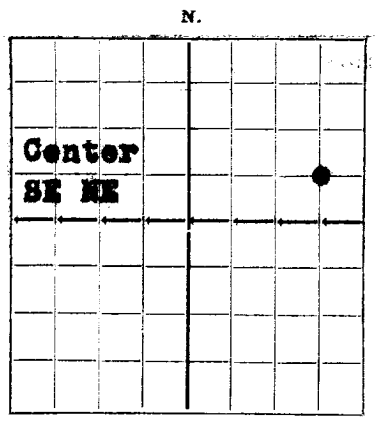
FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

## WELL RECORD

RECEIVED
MAR 8 - 1940
HOBBS OFFICE

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 (Company or Operator) Tulsa, Oklahoma (Address)

R.E.Cole B (Lease) Well No. 5 in SE NE of Sec. 16, T. 22S

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

Well is 1980 feet south of the North line and 660 feet west of the East line of NE/4

If State land the oil and gas lease is No. B-3480 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is Gulf Oil Corporation, Address Tulsa, Oklahoma

Drilling commenced 1-12-40 19 . Drilling was completed 2-3-40 19

Name of drilling contractor , Address

Elevation above sea level at top of casing 3411 feet.

The information given is to be kept confidential until ? 19 .

### OIL SANDS OR ZONES

No. 1, from 3585' to 3693' No. 4, from to

No. 2, from Pay 3635' 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 Rotary hole 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 FROM | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 8-5/8" | 28# | 8 | Smls. | 285' | | | | | |
| 5-1/2" | 17# | 10 | Smls. | 3526' | | | | | |

### 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 | 285' | 200 | Halliburton | | |
| 6-3/4" | 5-1/2" | 3526' | 250 | 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 |
|---|---|---|---|---|---|---|
| | | Hydrochloric Acid | 2000 | 2-1-40 | 3693' | |
| | | Hydrochloric Acid | 3000 | 2-3-40 | 3693' | |

Results of shooting or chemical treatment

### 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 3693' feet, and from feet to feet

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

### PRODUCTION

Put to producing February 16, 1940

The production of the first 24 hours was 132 barrels of fluid of which % was oil; %

emulsion; % water; and % sediment. Gravity, Be 37.5

If gas well, cu. ft. per 24 hours 150,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

### EMPLOYEES

, 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 6 day of March, 1940

H.W.Evans

Tulsa, Oklahoma (Place) March 4, 1940 (Date)

Name W.D.Sanders

Position General Superintendent

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0' | 200' | | Sandstone & boulders |
| | 1132 | | Red bed & red rock |
| | 1220 | | Anhydrite |
| | 2400 | | Salt & anhydrite |
| | 2715 | | Anhydrite & gyp |
| | 2773 | | Anhydrite |
| | 2815 | | Anhydrite & gyp |
| | 2856 | | Anhydrite & limestone |
| | 2896 | | Anhydrite |
| | 3295 | | Anhydrite & limestone |
| | 3316 | | Limestone |
| | 3357 | | Limestone & anhydrite streaks |
| | 3382 | | Limestone |
| | 3423 | | Limestone & anhydrite streaks |
| | 3465 | | Limestone |
| | 3500 | | Limestone - gas odor |
| | 3542 | | Limestone |
| | 3548 | | Sandy lime - show of gas |
| | 3693 | | Limestone TOTAL DEPTH |

### Gological tops

| | |
|---|---|
| Anhydrite | 1130' |
| Salt Base | 2410' |
| Yates | 2610' |
| Knight | 3330' |
| Penrose | 3460' |
| Eunice Dolomite | 3585' |
| Pay | 3635' |
| Total depth | 3693' |