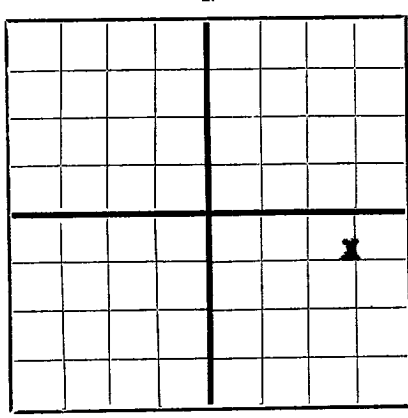


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DUPLICATE
FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Gulf Oil Corporation Hobbs, New Mexico
Company or Operator Address
Gale "A" Well No. 5 in NE SE of Sec. 16 T. 22S
Lease
R. 37E, N. M. P. M., Brownson Field, Lea County.
Well is 3194 feet south of the North line and 554 feet west of the East line of Section 16
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is O. R. Babcock, Address: Eunice, New Mexico
If Government land the permittee is, Address:
The Lessee is Gulf Oil Corporation, Address: Tulsa, Oklahoma
Drilling commenced 9-12 1947 Drilling was completed 10-30 1947
Name of drilling contractor Roman Drilling Company, Address: Midland, Texas
Elevation above sea level at top of casing 3416 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from to 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 | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED | | PURPOSE |
|--------|-----------------|------------------|------|--------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 13-3/8 | 48 | 8 Rt | SS | 279 | | | | | |
| 9-5/8 | 36 | 8 Rt | SS | 2886 | | | | | |
| 7" | 23 | 8 Rt | SS | 7941 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 12 1/2" | 13-3/8 | 295' | 300 | Hence | | |
| 12 1/2" | 9-5/8 | 2900 | 1300 | " | | |
| 8-3/4 | 7 | 7953 | 800 | " | | |
| | | | | | | |

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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 8045 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 12-1 1947
The production of the first 24 hours was 248 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Roman Drilling Company, 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 19th day of Dec, 1947
Notary Public
Hobbs, New Mexico 12-18-47
Name E. J. Gallagher
Position District Superintendent
Representing Gulf Oil Corporation

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------------|----------------------|--------------------------------------|
| | 65' | | Caliche |
| | 130' | | Sand & Shale |
| | 275' | | Red Bed & Red Rock |
| | 300' | | Red Bed |
| | 422' | | Sand & Shale |
| | 720' | | Red Bed |
| | 1034' | | Red Bed & Shells |
| | 1150' | | Red Bed, Gypsum, Potash, & Anhydrite |
| | 1230' | | Anhydrite |
| | 1308' | | Red Bed & Salt |
| | 2360' | | Anhydrite & Salt |
| | 2655' | | Anhydrite |
| | 2743' | | Anhydrite & lime |
| | 2825' | | Anhydrite & Sand |
| | 2305' | | Anhydrite & lime |
| | 2396' | | Anhydrite & sand |
| | 3462' | | Lime & sand |
| | 3722' | | Lime |
| | 3880' | | Sand lime and shale |
| | 3985' | | Lime & shale |
| | 4374' | | Lime & Sand |
| | 4737' | | Lime |
| | 4880' | | Lime & sand |
| | 5082' | | Lime |
| | 5165' | | Sandy lime |
| | 7442' | | Lime |
| | 7493' | | Lime & shale |
| | 7507' | | Lime |
| | 7577' | | Lime & shale |
| | 7585' | | Lime |
| | 7608' | | Lime, shale & sand |
| | 7612' | | Lime & shale |
| | 7640' | | Lime, shale & sand |
| | 7685' | | Lime |
| | 7687' | | Sand |
| | 7731' | | Lime |
| | 7829' | | Shale & lime |
| | 7855' | | Sticking shale & lime |
| | 7943' | | Shale & lime |
| | 8045' | | Lime |
| | 8066' T.D. | | Lime & chert |
| | | | Formation Tops |
| | | | Anhydrite 1140' |
| | | | Base Salt 2440' |
| | | | Brown Lime 2680' |
| | | | White Lime 3920' |
| | | | Oil Pay 7953' |