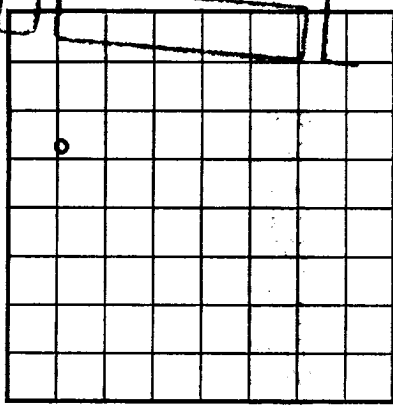


DUPLICATE

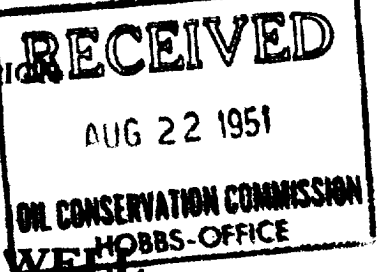
Form 5-550

Bu Bureau No. 42-R355.1.  
Appl expires 11-30-49.

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 030187

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Gulf Oil Corporation Address Hobbs, New Mexico  
Lessor or Tract LaMunyon Field Teague State New Mexico  
Well No. 12 Sec. 27 T. 23S R. 37E Meridian NMPM County Lea  
Location 1980 ft. N of S. Line and 660 ft. E. of W Line of Section 27 Elevation 3299  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed /s/ E. J. GallagherDate February 15, 1950Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling November 6, 1949 Finished drilling February 4, 1950

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9308 to 9464 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3250 to 3425 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

(Rotary Tools)  
No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|---------|
|             |                 |                  |      |        |              |                     | From—      | To— |         |
| 13-3/8"     | 48#             | 8 Rd.            | SS   | 284'   |              |                     |            |     |         |
| 9-5/8"      | 26#             | 8 Rd.            | SS   | 929'   |              |                     |            |     |         |
| 7"          | 26#             | 8 Rd.            | SS   | 929'   |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13-3/8"     | 301'      | 300                    | HOWCO       |             |                    |
| 9-5/8"      | 2900'     | 1625                   | HOWCO       |             |                    |
| 7"          | 9308'     | 800                    | HOWCO       |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            | NONE           |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 9470 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing February 4, 1950

The production for the first 24 hours was 105 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. API 45.0

If gas well, cu. ft. per 24 hours \_\_\_\_\_

Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

Ashby Drilling Company, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION             |
|-------|------|------------|-----------------------|
| 0'    | 42'  |            | Surface Sand          |
|       | 305  |            | Red Bed               |
|       | 1000 |            | Red Bed and Anhydrite |
|       | 1105 |            | Anhydrite and Salt    |
|       | 1335 |            | Anhydrite             |
|       | 1344 |            | Anhydrite and Salt    |
|       | 2410 |            | Anhydrite             |
|       | 2533 |            | Anhydrite and Lime    |
|       | 2563 |            | Anhydrite             |
|       | 2762 |            | Anhydrite and Lime    |
|       | 2791 |            | Anhydrite             |
|       | 2862 |            | Anhydrite and Lime    |
|       | 2883 |            | Lime                  |
|       | 4088 |            | Lime and Sand         |
|       | 4170 |            | Lime                  |
|       | 8383 |            | Chert                 |
|       | 8393 |            | Sand                  |
|       | 8455 |            | Lime                  |
|       | 8538 |            | Sandy Lime            |
|       | 8609 |            | Lime and Chert        |
|       | 8620 |            | Lime                  |
|       | 8628 |            | Lime and Chert        |
|       | 8664 |            | Lime                  |
|       | 8685 |            | Sandy Lime            |
|       | 8691 |            | Lime and Chert        |
|       | 8788 |            | Lime                  |

FORMATION RECORD—CONTINUED

