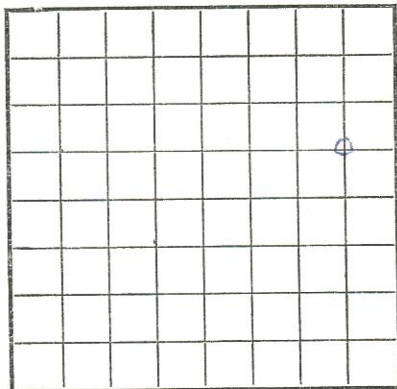




00272239

Bureau No. 42-R355.4.  
Approval expires 12-31-60.

U. S. LAND OFFICE **Denver**  
SERIAL NUMBER **C-021690**  
LEASE OR PERMIT TO PROSPECT



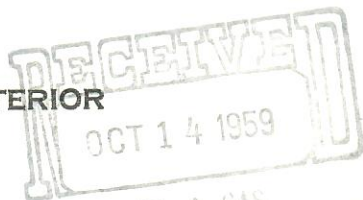
LOCATE WELL CORRECTLY

05-057-0505

Bin 2

Folder 2's

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OIL & GAS  
CONSERVATION COMMISSION

## LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address P. O. Box 1010, Casper, Wyoming  
Lessor or Tract Ballinger-Federal Field So. McCallum State Colorado  
Well No. 3 Sec. 17 T. 9N R. 78W Meridian 6th P.M. County Jackson  
Location 2027 ft. [N] of [S.] of N. Line and 738 ft. [E] of [W.] of E. Line of Section 17 Elevation 8160'  
(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

Date October 12, 1959Title Area Production Foreman

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

Commenced drilling July 28, 19 59 Finished drilling September 1, 19 59

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5270 to 5305 (G&O) No. 4, from 5436 to 5466 (G&O)  
No. 2, from 5357 to 5363 (G&O) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 5407 to 5433 (G&O) No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from None 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—   |                   |
| 10-3/4" OD  | 34.75           | 8                | Steel | 349'   | None         | 5270'               | 5270'      | 5305' | Surface casing    |
| 7" OD       | 26.25           | 8                | Steel | 285'   | None         | 5305'               | 5305'      | 5363' | Production casing |
|             |                 |                  |       |        |              | 5363'               | 5363'      | 5433' |                   |
|             |                 |                  |       |        |              | 5433'               | 5433'      | 5466' |                   |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10-3/4" OD  | 331'      | 290                    | HOWCO       | -           |                    |
| 7" OD       | 5533'     | 285                    | HOWCO       | -           |                    |

## PLUGS AND ADAPTERS



Heaving plug—Material \_\_\_\_\_ Size \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

### SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

### TOOLS USED

Rotary tools were used from surface feet to 5538 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### DATES

\_\_\_\_\_ 1959 Put to producing September 30, 1959  
The production for the first 24 hours was 212 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 1.48  
If gas well, cu. ft. per 24 hours 22,272 Gallons gasoline per 1,000 cu. ft. of gas None  
Rock pressure, lbs. per sq. in. 2055 Indicated open flow 47,500 MCFD.

### EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
Herndon Drilling Company, Driller \_\_\_\_\_, Driller

### FORMATION RECORD

| FROM—   | TO—   | TOTAL FEET | FORMATION   |
|---|-------|------------|-------------|
| Surface   | 4002' | 4002'      | Pierre      |
| 4002'   | 4625' | 623'       | Niobrara    |
| 4625'   | 5190' | 565'       | Frontier    |
| 5190'   | 5270' | 80'        | Mowry       |
| 5270'   | 5305' | 35'        | Muddy       |
| 5305'   | 5356' | 51'        | Thermopolis |
| 5356'   | 5393' | 37'        | Dakota      |
| 5393'   | 5405' | 12'        | Fuson       |
| 5405'   | 5465' | 60'        | Lakota      |
| 5465'   | 5538' | 73'        | Morrison    |
| Drill stem test No. 1, interval 4627' to 4700', opened tool with fair blow, died in 40 min. No gas to surface. Initial shut in 30 min, tool open 1 hour, final shut in 30 min. Rec. 80' slightly oil cut drlg mud. Pressures: Initial Hydrostatic 2362 psi, initial shut in 55 psi, initial flow 18 psi, final flow 38 psi, final shut in 38 psi, final hydrostatic 2328 psi.   |       |            |             |
| Drill stem test No. 2, interval 5265' to 5324' 59' gas to surface immediately, fluid in 15 min, open 3 hours, 15 min. Flow stabilized 5844 mcf. Produced 10 bbls oil, 49.5 gravity in 2 hrs (dark green oil). GOR 48,700. Rec. 25' mud in drill pipe, 25' oil. Pressures: Initial hydrostatic 2732 psi, initial shut in 40 minutes, 2068 psi, initial flow 1058 psi, final flow 1168 psi, final shut in 1 hr, 2050 psi, final hydrostatic 2640 psi. |       |            |             |
| FROM—   | TO—   | TOTAL FEET | FORMATION   |

(OVER)

FORMATION RECORD—Continued

16-43094-4

22-0202