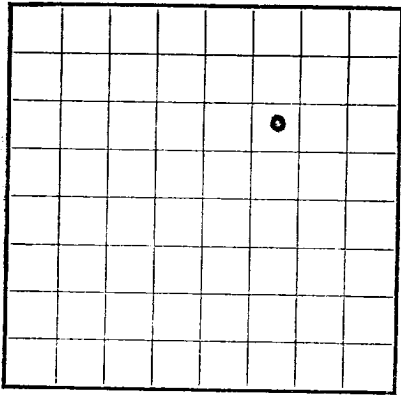




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Jicarilla  
SERIAL NUMBER Tribal  
LEASE OR PERMIT TO PROSPECT  
Contract No. 69, Tract 131UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Box 2097, Denver 1, Colorado  
Lessor or Tract Apache Field Otero - Pictured Cliffs State New Mexico  
Well No. 7 Sec. 17 T. 24N R. 5W Meridian NMPM County Rio Arriba  
Location 1790 ft. N of N Line and 1790 ft. E of E Line of Sec. 17 Elevation 6665'  
(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 June 20, 1956Title Area Sup't. of Production

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

Commenced drilling 5-28, 19 56 Finished drilling 6-4, 19 56

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2360 to 2459 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 1345 to 1530 No. 3, from 1840 to 1970  
No. 2, from 1660 to 1780 No. 4, from 1980 to 2030

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |       | Purpose    |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-------|------------|
|             |                 |                  |      |        |              |                     | From—      | To—   |            |
| 8-5/8"      | 24#             | 8 Round          | EW   | 159'   | -            | -                   | -          | -     | Surface    |
| 4-1/2"      | 24#             | 8 Round          | EW   | 2462'  | HWCO         | 2462'               | 2462'      | 2462' | Production |
|             |                 |                  |      |        |              |                     | 2462'      | 2462' |            |
|             |                 |                  |      |        |              |                     | 2363'      | 2370' |            |
|             |                 |                  |      |        |              |                     | 2374'      | 2378' |            |
|             |                 |                  |      |        |              |                     | 2382'      | 2388' |            |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8"      | 166'      | 115 Sacks              | Pump & Plug | -           | -                  |
| 4-1/2"      | 2467'     | 125 "                  | " "         | -           | -                  |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 2475 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing 7-26, 19 56

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

If gas well, cu. ft. per 24 hours 299,470 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 642

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—   | TOTAL FEET | FORMATION                                             |
|-------|-------|------------|-------------------------------------------------------|
| 0     | 200'  | 200'       | Unconsolidated sands and shale.                       |
| 200'  | 1350' | 1150'      | Predominantly shale with minor sand stringers.        |
| 1350' | 2030' | 680'       | Largely sand with short intervals carbonaceous shale. |
| 2030' | 2360' | 330'       | Shale with fresh-water coals.                         |
| 2360' | 2459' | 99'        | Well sorted medium to fine grain sand.                |
| 2459' | 2475' | 16'        | Lewis Shale.                                          |

**CONFIDENTIAL**

SERIAL NUMBER

PLEASE OR PERMIT TO PROCEED

TOG OF OIL OR GAS MET

LOCATE WELL CORRECTLY

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

Signed \_\_\_\_\_

Location \_\_\_\_\_ of \_\_\_\_\_ and \_\_\_\_\_ of \_\_\_\_\_  
[ ] of \_\_\_\_\_ [ ] of \_\_\_\_\_  
[ ] of \_\_\_\_\_ [ ] of \_\_\_\_\_

Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ S. \_\_\_\_\_  
Name of Owner \_\_\_\_\_  
Name of Operator \_\_\_\_\_

Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
County \_\_\_\_\_

Drill Oil Corporation  
1000 Broadway, New York 1, New York

Continued drilling \_\_\_\_\_ 5-22-58 \_\_\_\_\_  
 The amount on this page is for the condition of the well at above date.  
 Date \_\_\_\_\_ June 22, 1958 \_\_\_\_\_  
 The amount paid to \_\_\_\_\_

OIL OR GAS SANDS OR ZONES

(G v d a n g s t r a l)

|             |    |     |             |    |    |
|-------------|----|-----|-------------|----|----|
| No. 1, from | to | 333 | No. 4, from | to | 33 |
| No. 2, from | to |     | No. 5, from | to |    |
| No. 3, from | to |     | No. 6, from | to |    |

# СЪМЪЛЪТЪ НА ТЪЛКОТЕ

|      |    |      |            |      |    |      |            |
|------|----|------|------------|------|----|------|------------|
| 098C | cc | 040E | mon1 3.60M | 098D | cc | 27F1 | mon1 1.60M |
| 098B | ot | 038C | mon1 4.60M | 098E | cc | 28A1 | mon1 2.60M |

090379 AMEAD

| Line | Particulars | Amount | Rate of exchange | Amount in Rupees |
|------|-------------|--------|------------------|------------------|
| 1    | ...         | ...    | ...              | ...              |
| 2    | ...         | ...    | ...              | ...              |
| 3    | ...         | ...    | ...              | ...              |
| 4    | ...         | ...    | ...              | ...              |
| 5    | ...         | ...    | ...              | ...              |
| 6    | ...         | ...    | ...              | ...              |
| 7    | ...         | ...    | ...              | ...              |
| 8    | ...         | ...    | ...              | ...              |
| 9    | ...         | ...    | ...              | ...              |
| 10   | ...         | ...    | ...              | ...              |
| 11   | ...         | ...    | ...              | ...              |
| 12   | ...         | ...    | ...              | ...              |
| 13   | ...         | ...    | ...              | ...              |
| 14   | ...         | ...    | ...              | ...              |
| 15   | ...         | ...    | ...              | ...              |
| 16   | ...         | ...    | ...              | ...              |
| 17   | ...         | ...    | ...              | ...              |
| 18   | ...         | ...    | ...              | ...              |
| 19   | ...         | ...    | ...              | ...              |
| 20   | ...         | ...    | ...              | ...              |
| 21   | ...         | ...    | ...              | ...              |
| 22   | ...         | ...    | ...              | ...              |
| 23   | ...         | ...    | ...              | ...              |
| 24   | ...         | ...    | ...              | ...              |
| 25   | ...         | ...    | ...              | ...              |
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| 27   | ...         | ...    | ...              | ...              |
| 28   | ...         | ...    | ...              | ...              |
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| 30   | ...         | ...    | ...              | ...              |
| 31   | ...         | ...    | ...              | ...              |
| 32   | ...         | ...    | ...              | ...              |
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| 35   | ...         | ...    | ...              | ...              |
| 36   | ...         | ...    | ...              | ...              |
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| 42   | ...         | ...    | ...              | ...              |
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| 55   | ...         | ...    | ...              | ...              |
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| 67   | ...         | ...    | ...              | ...              |
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| 70   | ...         | ...    | ...              | ...              |
| 71   | ...         | ...    | ...              | ...              |
| 72   | ...         | ...    | ...              | ...              |
| 73   | ...         | ...    | ...              | ...              |
| 74   | ...         | ...    | ...              | ...              |
| 75   | ...         | ...    | ...              | ...              |
| 76   | ...         | ...    | ...              | ...              |
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| 79   | ...         | ...    | ...              | ...              |
| 80   | ...         | ...    | ...              | ...              |
| 81   | ...         | ...    | ...              | ...              |
| 82   | ...         | ...    | ...              | ...              |
| 83   | ...         | ...    | ...              | ...              |
| 84   | ...         | ...    | ...              | ...              |
| 85   | ...         | ...    | ...              | ...              |
| 86   | ...         | ...    | ...              | ...              |
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| 88   | ...         | ...    | ...              | ...              |
| 89   | ...         | ...    | ...              | ...              |
| 90   | ...         | ...    | ...              | ...              |
| 91   | ...         | ...    | ...              | ...              |
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| 93   | ...         | ...    | ...              | ...              |
| 94   | ...         | ...    | ...              | ...              |
| 95   | ...         | ...    | ...              | ...              |
| 96   | ...         | ...    | ...              | ...              |
| 97   | ...         | ...    | ...              | ...              |
| 98   | ...         | ...    | ...              | ...              |
| 99   | ...         | ...    | ...              | ...              |
| 100  | ...         | ...    | ...              | ...              |

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and in any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pumps or bridges were put in to test for water, state kind of material used, position, and results of pumping or draining.

## HISTORY OF OIL OR GAS WELL

16-80000-2 U. S. GOVERNMENT PRINTING OFFICE

### PLANNING AND DOCUMENTING RECORDS

| begin birth is returned | yearing bnm | last birth bnm | income to person born | yearing w | yearing |
|-------------------------|-------------|----------------|-----------------------|-----------|---------|
| 1                       | 1           | 1951           | 1951                  | 1951      | 1951    |
| 2                       | 2           | 1952           | 1952                  | 1952      | 1952    |

FILED AND ADAPTED

[illegible]

GROUP: UNITED STATES

[illegible]

TOOT | LEED

|      |         |                      |      |         |                      |      |         |                      |
|------|---------|----------------------|------|---------|----------------------|------|---------|----------------------|
| 1947 | at foot | ... north line, foot | 1948 | at foot | ... north line, foot | 1949 | at foot | ... north line, foot |
| 1950 | at foot | ... north line, foot | 1951 | at foot | ... north line, foot | 1952 | at foot | ... north line, foot |

SECRET

|                                           |         |                                           |
|-------------------------------------------|---------|-------------------------------------------|
| It was well over 16 per cent hours        | 24 1/2% | Oil was gasoline per 1,000 cu. ft. of gas |
| of sediment                               | 10%     | Gravity 0.86                              |
| The production for the first 24 hours was | 10%     | Barrels of fluid of which was oil 10%     |
| into production                           | 10%     | 10%                                       |

REVOLVING

|              |       |       |       |
|--------------|-------|-------|-------|
| 7. The _____ | _____ | _____ | _____ |
| _____        | _____ | _____ | _____ |

FORMATION RECORD

| DESCRIPTION                               | TOTAL TONS | 1950 | 1951 |
|-------------------------------------------|------------|------|------|
| Black shale (in shale)                    | 100        | 100  | 100  |
| Black shale with thin layers of sandstone | 100        | 100  | 100  |
| Black shale with thin layers of sandstone | 100        | 100  | 100  |
| Black shale                               | 100        | 100  | 100  |
| Black shale with thin layers of sandstone | 100        | 100  | 100  |
| Black shale with thin layers of sandstone | 100        | 100  | 100  |
| Black shale                               | 100        | 100  | 100  |