

U. S. LAND OFFICE

SERIAL NUMBER \_\_\_\_\_

LEASE OR PERMIT TO PROSPECT -----

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

|                 |                                          |           |                                                    |                   |                |           |             |                  |                   |           |                  |
|-----------------|------------------------------------------|-----------|----------------------------------------------------|-------------------|----------------|-----------|-------------|------------------|-------------------|-----------|------------------|
| Company         | <u>Humble Oil &amp; Refining Company</u> | Address   | <u>Box 1268, Farmington, New Mexico</u>            |                   |                |           |             |                  |                   |           |                  |
| Lessor or Tract | <u>Navajo Tribe "F"</u>                  | Field     | <u>Chimney Rock Gallup</u> State <u>New Mexico</u> |                   |                |           |             |                  |                   |           |                  |
| Well No.        | <u>16</u>                                | Sec.      | <u>10</u>                                          | T.                | <u>31-N</u>    | R.        | <u>17-W</u> | Meridian         | <u>NMPN</u>       | County    | <u>San Juan</u>  |
| Location        | <u>1990</u> ft.                          | <u>NS</u> | of                                                 | <u>N</u> Line and | <u>660</u> ft. | <u>NS</u> | of          | <u>E</u> Line of | <u>Section 10</u> | Elevation | <u>5246'</u> Or. |

(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 Russell M. Wiley  
Russell M. Wiley  
 Title District Superintendent

Date July 5, 1959

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

Commenced drilling June 8, 1959 Finished drilling June 11, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1 from ~~2001~~ to ~~2002~~ No. 4 from ~~2003~~ to ~~2004~~  
 No. 2 from ~~2005~~ to ~~2006~~ No. 5 from ~~2007~~ to ~~2008~~  
 No. 3 from ~~2009~~ to ~~2010~~ No. 6 from ~~2011~~ to ~~2012~~  
 No. 1 from ~~2013~~ to ~~2014~~ No. 3 from ~~2015~~ to ~~2016~~  
 No. 2 from ~~2017~~ to ~~2018~~ No. 4 from ~~2019~~ to ~~2020~~  
 No. 1 from ~~2021~~ to ~~2022~~ No. 2 from ~~2023~~ to ~~2024~~  
 No. 3 from ~~2025~~ to ~~2026~~ No. 4 from ~~2027~~ to ~~2028~~  
 No. 1 from ~~2029~~ to ~~2030~~ No. 2 from ~~2031~~ to ~~2032~~  
 No. 3 from ~~2033~~ to ~~2034~~ No. 4 from ~~2035~~ to ~~2036~~  
 No. 1 from ~~2037~~ to ~~2038~~ No. 2 from ~~2039~~ to ~~2040~~  
 No. 3 from ~~2041~~ to ~~2042~~ No. 4 from ~~2043~~ to ~~2044~~  
 No. 1 from ~~2045~~ to ~~2046~~ No. 2 from ~~2047~~ to ~~2048~~  
 No. 3 from ~~2049~~ to ~~2050~~ No. 4 from ~~2051~~ to ~~2052~~  
 No. 1 from ~~2053~~ to ~~2054~~ No. 2 from ~~2055~~ to ~~2056~~  
 No. 3 from ~~2057~~ to ~~2058~~ No. 4 from ~~2059~~ to ~~2060~~  
 No. 1 from ~~2061~~ to ~~2062~~ No. 2 from ~~2063~~ to ~~2064~~  
 No. 3 from ~~2065~~ to ~~2066~~ No. 4 from ~~2067~~ to ~~2068~~  
 No. 1 from ~~2069~~ to ~~2070~~ No. 2 from ~~2071~~ to ~~2072~~  
 No. 3 from ~~2073~~ to ~~2074~~ No. 4 from ~~2075~~ to ~~2076~~  
 No. 1 from ~~2077~~ to ~~2078~~ No. 2 from ~~2079~~ to ~~2080~~  
 No. 3 from ~~2081~~ to ~~2082~~ No. 4 from ~~2083~~ to ~~2084~~  
 No. 1 from ~~2085~~ to ~~2086~~ No. 2 from ~~2087~~ to ~~2088~~  
 No. 3 from ~~2089~~ to ~~2090~~ No. 4 from ~~2091~~ to ~~2092~~  
 No. 1 from ~~2093~~ to ~~2094~~ No. 2 from ~~2095~~ to ~~2096~~  
 No. 3 from ~~2097~~ to ~~2098~~ No. 4 from ~~2099~~ to ~~2100~~

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity             | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------------------|--------------------|
| 7-5/8"      | 50'       | 8                      | Dumped      | Wld. w/air              | "                  |
| 5"          | 973'      | 70                     | Pumped      | Wld. w/air to 930' (94) | "                  |

## PLUGS AND ADAPTERS

Heaving plug—Material None Length            Depth set           

Adapters—Material None Size                     

## SHOOTING RECORD

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

## TOOLS USED

Rotary tools were used from 01 feet to 775' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

19 \_\_\_\_\_ Put to producing June 26, 1959

The production for the first 24 hours was 60 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 39.2

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

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

W. E. Balcher, Driller (Cherokee Air Drig. Co.), Driller

B. L. Dellar, Driller \_\_\_\_\_, Driller

## **I. Present**

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                      |
|-------|------|------------|--------------------------------------------------------------------------------|
| 0'    | 975' | 975'       | Sand & Shale.<br><br><u>FORMATION TOPS:</u><br><br>Gallop 922'<br>Sanctee 938' |
| FROM— | TO—  | TOTAL FEET | FORMATION                                                                      |

**IDENTIFICATION RECORD—Continued**

16-42094-4

Form 8-380

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

Company Name  
Address  
Field Office  
County  
State  
Well No.  
Location  
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  
The summary on this page is for the condition of the well at above date  
Commenced drilling  
Finished drilling  
Oil or Gas Sands or None

Company Name  
Address  
Field Office  
County  
State  
Well No.  
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Oil or Gas Sands or None  
Commenced drilling  
Finished drilling  
Oil or Gas Sands or None

| Case | Weight | Threads per inch | Mark | Amount | Kind of shoe | Cut and pulled from | Perforated | Purpose |
|------|--------|------------------|------|--------|--------------|---------------------|------------|---------|
|      |        |                  |      |        |              |                     |            |         |

HISTORY OF OIL OR GAS WELL  
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and the results. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
|             |           |                        |             |             |                    |

| Adapters—Material | Size | Plugs and Adapters |
|-------------------|------|--------------------|
|                   |      |                    |

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

TOOLS USED  
Rotary tools were used from feet to feet and from feet to feet.  
Cable tools were used from feet to feet and from feet to feet.

DATES  
The production for the first 24 hours was 24 barrels of fluid of which 12 was oil; 12 was water; and 12 was sediment.  
It gas well, cut it per 24 hours 24 barrels of fluid of which 12 was oil; 12 was water; and 12 was sediment.  
Rock pressure, lbs. per sq. in. 1000  
Gallons gasoline per 1000 cu. ft. of gas 1000  
Gravity, 60°

| Driller | Driller | Employees |
|---------|---------|-----------|
|         |         |           |

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|-----|------------|-----------|
|       |     |            |           |