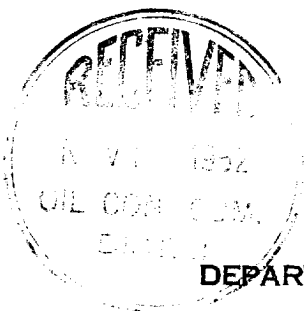


Section 14

o

1-D



U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 079083  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
OCT 17 1952  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company R. E. Mead Address 905 Employers Insurance Building,  
Dallas, Texas

Lessor or Tract Federal-Scott Field Dogle Canyon P.O. State New Mexico

Well No. 1-D Sec. 14 T 26N R. 7W Meridian N.M.P.M. County Rio Arriba

Location 1650 ft. { N. } of S Line and 1650 ft. { W. } of E Line of Section 14 Elevation 6124' DF  
(Determine floor relative to sea level)

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

Signed E. R. Richardson  
Title Agent

Date October 17, 1952

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

Commenced drilling September 4, 1952 Finished drilling September 10, 1952

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2271' to 2354' (a) 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 \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, 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— |                    |
| 8-5/8       | 24              | SJ               | Armco | 111    | Reg.         |                     |            |     | Surface Production |
| 4-1/2       | 9.5             | SR               | -     | 2272   | Reg.         |                     |            |     |                    |
| 10          | 1.70            | SR               | -     | 2299   | None         |                     |            |     | Tubing             |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 111       | 50                     | Plug        | -           | -                  |
| 4-1/2       | 2271      | 200                    | Plug        | -           | -                  |
| 1"          | 2299      | None                   | Swung       | -           | -                  |

## 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 |
|--------|------------|----------------|----------|---------|------------|-------------------|
| Pumped |            | SNG            | 486 qts. | 10/1/52 | 2281-2354' | 2343'             |
|        |            |                |          |         |            |                   |
|        |            |                |          |         |            |                   |
|        |            |                |          |         |            |                   |

## TOOLS USED

Rotary tools were used from Surface feet to TD 2354.1 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from to shoot and clean out. feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_ October 3 \_\_\_\_\_, 19 52
 SI for pipe line
Put to producing \_\_\_\_\_, 19 \_\_\_\_\_

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 1143 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

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

1040

## EMPLOYEES

|                                 |         |         |
|---------------------------------|---------|---------|
| R.T. - Murray-Gray Drilling Co. | Driller | Driller |
| C.T. - Ed. W. Connolly          | Driller | Driller |

**FORMATION RECORD**

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                      |
|-------|------|------------|--------------------------------|
| 0     | 35   | 35         | Surface sand.                  |
| 35    | 110  | 75         | Shale and sand.                |
| 110   | 770  | 660        | Shale.                         |
| 770   | 2354 | 1584       | Sand and shale.                |
|       |      |            | TOP OF PICTURED CLIFFS - 2266' |

**FORMATION RECORD—Continued**