

U. S. LAND OFFICE \_\_\_\_\_  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
14-20-603-585

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

### LOCATE WELL CORRECTLY

Company Murphy Corporation Address 200 Jefferson Ave.-El Dorado, Arkansas  
 Lessor or Tract Navajo "AA" Field Wildcat State New Mexico  
 Well No. 11 Sec. 17 T. 32N R. 17W Meridian \_\_\_\_\_ County San Juan  
 Location 330 ft. {N.} of S Line and 2310 ft. {E.} of E Line of Section 17 Elevation 5752' GL  
 (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.

Date December 2, 1963 Title Prod. Supt.-Direct Operations

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

Commenced drilling 11-3-63, 19 63 Finished drilling 11-11, 19 63

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 1582 to 1590 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—      |                    |
| 7-1/8 IN<br>40 | 20#<br>9.56     | 8                | J-55<br>J-55 | \$1.78<br>\$1,618.00       | None<br>FC & GS | None<br>See explanation above made in the column headed "Cut and pulled from" | 1586       | 1588 1/2 | Surface Production |
|                |                 |                  |              | HIS LOG ON ONE OF TWO METE |                 |                                                                               |            |          |                    |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used          | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|----------------------|-------------|--------------------|
| 7"          | 31.78'    | 6                      | Displacement<br>Plus |             |                    |
| 4½"         | 1,619.00' | 35                     |                      |             |                    |
|             |           |                        |                      |             |                    |
|             |           |                        |                      |             |                    |
|             |           |                        |                      |             |                    |
|             |           |                        |                      |             |                    |

## 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 |
|---------|------------|----------------|----------|------|------------|-------------------|
| Notched |            |                |          |      | 1585'      |                   |
| Notched |            |                |          |      | 1588½'     |                   |
|         |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 1620 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## DATES

December 2, 1963 Put to producing November 29, 1963

The production for the first 24 hours was 71.87 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. \_\_\_\_\_

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

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

## EMPLOYEES

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

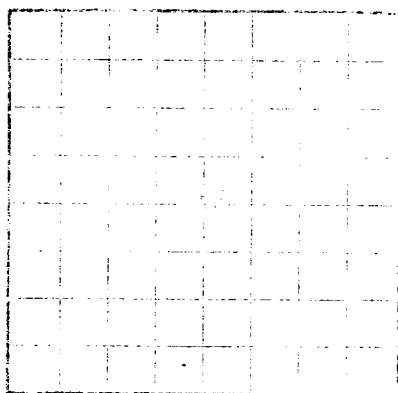
\_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—   | TOTAL FEET | FORMATION    |
|-------|-------|------------|--------------|
| 1582' | 1590' | 8          | Lower Gallup |

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
UNITED STATES



LOCATE WELL CORRECTLY

Company \_\_\_\_\_  
Address \_\_\_\_\_  
State \_\_\_\_\_  
Field \_\_\_\_\_  
County \_\_\_\_\_  
Well No. \_\_\_\_\_  
Location \_\_\_\_\_  
The information given hereafter 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 \_\_\_\_\_  
This entry is for the condition of the well at above date.  
Commenced drilling \_\_\_\_\_  
Finished drilling \_\_\_\_\_  
Oil or Gas Sands or Zones \_\_\_\_\_  
(Denote gas by G)  
No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
Important Water Sands \_\_\_\_\_  
No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
Casing Record \_\_\_\_\_  
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 its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, give its size and location. If the well has been dynamited, give date, 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 bailing.

HISTORY OF OIL OR GAS WELL

| FROM—                        | TO— | TOTAL FEET | FORMATION |
|------------------------------|-----|------------|-----------|
| PLUGS AND ADAPTERS           |     |            |           |
| Mudding and Cementing Record |     |            |           |
| Tools Used                   |     |            |           |
| Logging and Adapter          |     |            |           |
| Casing Record                |     |            |           |
| Formation Record             |     |            |           |