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**RECEIVED**  
**OCT 4 1960**  
**OIL CON. COM.**  
**DIST. 3**

U.S. LAND OFFICE Navajo Tribal  
 Contr. #14-20-603-2022  
 SERIAL NUMBER Tract #410  
 LEASE OR PERMIT TO PROSPECT  
 Navajo **RECEIVED**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PERMIT TO PROSPECT  
RECEIVED  
SUPERIOR  
OCT-1 1960  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Socony Mobil Oil Company, Inc. Address P. O. Box 3371, Durango, Colorado  
Lessor or Tract Navajo "A" Field Horseshoe Gallup State New Mexico  
Well No. 22 Sec. 14 T. 31N R. 17W Meridian NMPM County San Juan  
Location 1652 ft. N of N Line and 1827 ft. E of W Line of Sec. 14 Elevation 5404'  
(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 P. M. Barry

Date 9/26/60

Title Dist. Prod. Supt.

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

Commenced drilling August 18, 19 50 Finished drilling August 24, 19 50

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 933 to 949 (G)      No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 1030 to 1057      No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_      No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_      No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 5/8"        | 105'      | 90                     | Pump & Plug |             |                    |
| 1 1/2"      | 1107'     | 100                    | Pump & Plug |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 1107 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

August 28, 1960 Put to producing August 28, 1960

The production for the first 24 hours was 20 barrels of fluid of which 99.9% was oil; -----% emulsion; -----% water; and 0.1% sediment. Gravity, °Ba. 43° API @ 80°F-----

If gas well, cu. ft. per 24 hours GOR 13,700/1 Gallons gasoline per 1,000 cu. ft. of gas -----

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

RECEIVED  
JAN 10 1960  
THE INTERIOR  
SURVEY  
WASHINGTON, D.C.  
MEXICO

RECEIVED  
OCT 14 1960  
OIL COM. COM.  
DIST. 3

DS

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2

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Date \_\_\_\_\_ Title \_\_\_\_\_  
 Signed \_\_\_\_\_  
 The information given herewith is a complete and correct record of the well and all work done thereon  
 Location 1000 ft. S. of E. line and 100 ft. E. of of \_\_\_\_\_ Line of \_\_\_\_\_  
 Well No. 100 Sec. 14 T. 31 R. 10 Meridian \_\_\_\_\_  
 Lessor or Tract Tract 100  
 Company Tract 100 Address Box 3711, Lawrence, Kansas  
 Field Tract 100 State Kansas County Lawrence

Commenced drilling \_\_\_\_\_ 19\_\_  
Finished drilling \_\_\_\_\_ 19\_\_  
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(D) yd 200 stoms (D)

|             |      |    |      |             |      |    |      |
|-------------|------|----|------|-------------|------|----|------|
| No. 1, from | 1929 | to | 1930 | No. 4, from | 1930 | to | 1931 |
| No. 2, from | 1930 | to | 1931 | No. 5, from | 1931 | to | 1932 |
| No. 3, from | 1931 | to | 1932 | No. 6, from | 1932 | to | 1933 |

IMPORTANT WATER SANDS

No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size<br>each | Weight<br>per foot | Threads per<br>inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated<br>From — To — | Purpose |
|--------------|--------------------|---------------------|------|--------|--------------|---------------------|---------------------------|---------|
|--------------|--------------------|---------------------|------|--------|--------------|---------------------|---------------------------|---------|

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, bore hole, and its casing, give date, size, position, and number of shots. If piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing or shots. If piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing or shots. If piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing or shots.

**HISTORY OF OIL OR GAS WELL**

NUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

| Heaving plug—Material | Length | Depth set |
|-----------------------|--------|-----------|
| Adapters—Material     | Size   |           |

SHOOTING RECORD

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

TOOLS USED

|                             |         |                |         |
|-----------------------------|---------|----------------|---------|
| Rotary tools were used from | feet to | feet, and from | feet to |
| Cable tools were used from  | feet to | feet, and from | feet to |

DATE

|                                                                                        |                                                |                                                          |                       |
|----------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------|-----------------------|
| It was well cut. per 24 hours 10.15. 1901<br>Gallons gasoline per 1,000 cu. ft. of gas | emulsion; and 1.1% sediment.<br>Gravity, 84.4. | The production for the first 24 hours was 1.1% sediment. | Put to producing 1901 |
|----------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------|-----------------------|