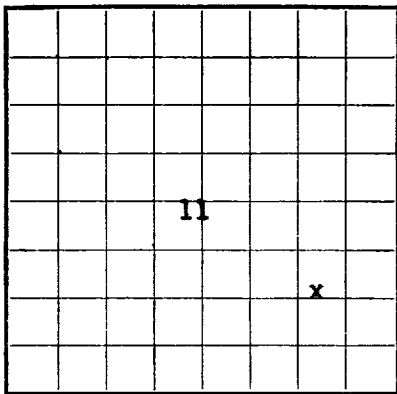
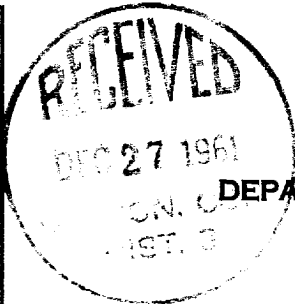




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Jicarilla Apache

SERIAL NUMBER Contract #96

LEASE OR PERMIT TO PROSPECT

Jicarilla "H"

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Socony Mobil Oil Co., Inc. Address Box 3371, Durango, Colorado  
Lessor or Tract Jicarilla "H" Field Cavilan Pict. Cliff State New Mexico  
Well No. 10 Sec. 11 T. 26N R. 3E Meridian NMPM County Rio Arriba  
Location 1450 ft. N. of S. Line and 920 ft. W. of E. Line of Sec. 11 Elevation 7106' KB  
(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 PM Barry by RC MillsDate December 19, 1961 Title Dist. Prod. Supt.

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

Commenced drilling August 21, 1961 Finished drilling August 28, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3616' to 3694' G 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. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, 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—  |         |
| 7-5/8"                     | 15.85           | 8                | 3371 | 3371   | Plug         | 3371                | 3371       | 3371 | Plug    |
| 2-7/8"                     | 6.35            | 12               | 3735 | 3735   | Plug         | 3735                | 3735       | 3735 | Plug    |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |        |              |                     |            |      |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 7-5/8"      | 337       | 125                    | Pump & plug |             |                    |
| 2-7/8"      | 3735      | 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 \_\_\_\_\_ feet to 3747 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing October 17, 1961  
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 495,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 763 psig

## EMPLOYEES

Gardner Bros. Drilling Co., Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—                                                                                                                                                                                | TO—             | TOTAL FEET | FORMATION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|-----------|
| FORMATION SUMMARY                                                                                                                                                                    |                 |            |           |
|                                                                                                                                                                                      | Pictured Cliffs | 3595'      | E-log     |
|                                                                                                                                                                                      | Lewis Sh.       | 3694'      | " "       |
| COMPLETION SUMMARY                                                                                                                                                                   |                 |            |           |
| 3747' TD, PBTD 3702'. 2-7/8" c 3735' w/ 125 sx. Perf'd<br>3616'/3694' @ intervals w/ 2 jets/ft. Sd-wtr fract w/<br>41,000 gals wtr, 14,000# 20/40 sd & 27,000# 10/20 sd in 3 stages. |                 |            |           |
| INITIAL POTENTIAL                                                                                                                                                                    |                 |            |           |
| (10/17/61) 3 hrs. 3/4", 495 Mcf/D, FCP 30 psig, CAOF 497 Mcf/D,<br>SICP 763 psig/7days.                                                                                              |                 |            |           |
| RE-COMPLETION (11/21 & 11/22/61)                                                                                                                                                     |                 |            |           |
| Reperf'd 3616'/3694' @ intervals. Refrac. w/ 45,000 gals 1% CaCl <sub>2</sub><br>wtr. & 5000# walnut hulls in 3 stages. Prep re-test.                                                |                 |            |           |
| DEPTH                                                                                                                                                                                | TD              | LOST CIRC  | REMARKS   |

FORMATION RECORD—CONTINUED

16-45094-4

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

[illegible]

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

(b) (5) DPP, (b) (5) ACP

IMPORTANT WATER SANDS

**CASING RECORD**

10-53084-2 U. S. GOVERNMENT PRINTING OFFICE

U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

## PLUGS AND ADAPTERS

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

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

|                                                 |       |       |
|-------------------------------------------------|-------|-------|
| It was well. cu. ft. per 24 hours               | _____ | _____ |
| emulsion: _____ % water; and _____ % sediment   | _____ | _____ |
| Gravity, °Bé. _____                             | _____ | _____ |
| _____ barrels of fluid of which _____ % was oil | _____ | _____ |
| Put to producing _____                          | _____ | _____ |

|         |         |         |
|---------|---------|---------|
| Driller | Driller | Driller |
| Driller | Driller | Driller |

[illegible]