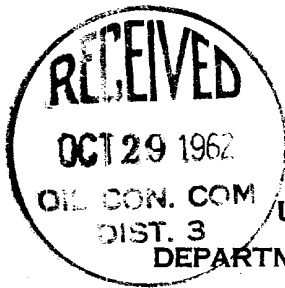


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U. S. LAND OFFICE **Jicarilla Apache**  
 SERIAL NUMBER \_\_\_\_\_  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**Contract 7 211**  
**Boulder Lease**  
**RECEIVED!**  
 OCT 26 1962

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

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 **Boulder** Field **Boulder Mancos** State **New Mexico**  
 Well No. **34-23** Sec. **23** T. **28N** R. **1W** Meridian **NMPM** County **Rio Arriba**  
 Location **330** ft. <sup>N.</sup> of **8** Line and **2310** ft. <sup>W.</sup> of **E** Line of **Sec. 23** Elevation **711.8**  
(Elevation not 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** *P. M. Barry*

Date **October 24, 1962** Title **Dist. Prod. Supt.**

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

Commenced drilling **August 19, 1962**, 19\_\_\_\_ Finished drilling **September 3, 1962**, 19\_\_\_\_

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **3725** to **3960** 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— |                     |
| <b>9 5/8"</b> | <b>30</b>       | <b>8</b>         | <b>335</b> | <b>115</b> | <b>Slide &amp; Float</b> |                     |            |     | <b>Intermediate</b> |
| <b>7"</b>     | <b>20</b>       | <b>8</b>         | <b>335</b> | <b>290</b> | <b>Slide &amp; Float</b> |                     |            |     | <b>Intermediate</b> |
| <b>4 1/2"</b> | <b>9.5</b>      | <b>8</b>         | <b>335</b> | <b>115</b> | <b>Slide &amp; Float</b> |                     |            |     | <b>Intermediate</b> |

**MUDDING AND CEMENTING RECORD**

| Size casing   | Where set   | Number sacks of cement | Method used            | Mud gravity | Amount of mud used |
|---------------|-------------|------------------------|------------------------|-------------|--------------------|
| <b>9 5/8"</b> | <b>128</b>  | <b>150</b>             | <b>Pump &amp; Plug</b> |             |                    |
| <b>7"</b>     | <b>2920</b> | <b>150</b>             | <b>Pump &amp; Plug</b> |             |                    |

**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 **3975** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**October 24**, 19 **62** Put to producing **September 1**, 19 **62**

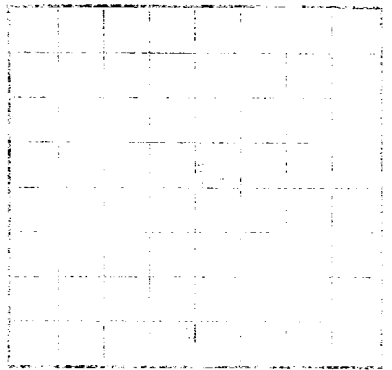
The production for the first **24** hours was **162** barrels of fluid of which **99.9** % was oil; **0** % emulsion; **0** % water; and **0.1** % sediment. Gravity, **31.5 API**

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

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

**Gardiner Bros.**, Driller **EMPLOYEES** Drill r

FOLD MARK



LOCATE WELL ON GRID

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Well name: \_\_\_\_\_  
County: \_\_\_\_\_  
State: \_\_\_\_\_  
Section: \_\_\_\_\_  
Township: \_\_\_\_\_  
Range: \_\_\_\_\_  
Date of completion: \_\_\_\_\_

OIL OR GAS SANDS OR LENSES

From \_\_\_\_\_ to \_\_\_\_\_ feet  
Description: \_\_\_\_\_

IMPORTANT WATER SANDS

From \_\_\_\_\_ to \_\_\_\_\_ feet  
Description: \_\_\_\_\_

CASING RECORD

| Depth    | Material   | Remarks |
|----------|------------|---------|
| 0 to 10  | Steel pipe |         |
| 10 to 20 | Steel pipe |         |
| 20 to 30 | Steel pipe |         |

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 "struck" or left in the well, give its size and location. 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

| Depth     | Remarks    | Pressure | Flow |
|-----------|------------|----------|------|
| 0 to 10   | Steel pipe |          |      |
| 10 to 20  | Steel pipe |          |      |
| 20 to 30  | Steel pipe |          |      |
| 30 to 40  | Steel pipe |          |      |
| 40 to 50  | Steel pipe |          |      |
| 50 to 60  | Steel pipe |          |      |
| 60 to 70  | Steel pipe |          |      |
| 70 to 80  | Steel pipe |          |      |
| 80 to 90  | Steel pipe |          |      |
| 90 to 100 | Steel pipe |          |      |

SHOOTING RECORD

| Shot | Time  | Remarks |
|------|-------|---------|
| 1    | 10:00 |         |
| 2    | 10:05 |         |
| 3    | 10:10 |         |

TOOLS USED

Tools used: \_\_\_\_\_

DATES

Production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ was oil. \_\_\_\_\_ gallons gasoline per 1,000 cu ft of gas.

EMPLOYEES

Employees: \_\_\_\_\_

RECEIVED  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WASHINGTON, D.C.

