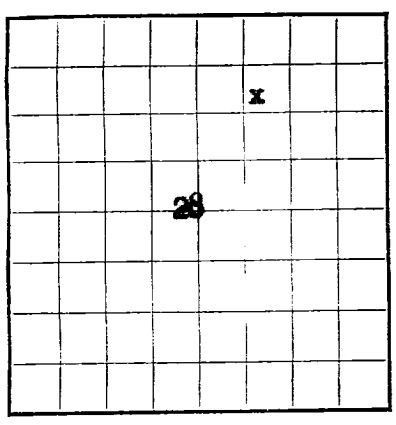
Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT
Contr. #12 - Jicarilla Apache




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Company Socony Mobil Oil Co., Inc. Address Box 778, Farmington, New Mexico

Lessor or Tract Jicarilla Apache Field Basin Dakota State New Mexico

Well No. 32-28 Sec. 28 T. 24N R. 5W Meridian NMPM County Rio Arriba

Location 1650 ft. {N. / S.} of N Line and 1650 ft. {E. / W.} of E Line of Sec. 28 Elevation 6619'
(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 M. J. Meyer

Date October 8, 1963 Title Senior Production Foreman

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

Commenced drilling June 8, 19 63 Finished drilling June 23, 19 63

## OIL OR GAS SANDS OR ZONES

*(Denote gas by G)*

No. 1, from ____ to ____ No. 4, from ____ to ____

No. 2, from 6657' to 6700' G 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 8-5/8" | 24# | 8 | J-55 | 337' | Guide | | | | Surface |
| 4-1/2" | 10.50# | 8 | J-55 | 6841' | W | | | | Intermediate |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 8-5/8" | 337' | 215 | pump & plug | | |
| 4½" | 6841' | 165 & Sqzd w/424 | pump & plug | | |

FOLD MARK

## 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 6841 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

## DATES

October 8, 19 63 Put to producing Waiting on pipeline, 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 ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

## EMPLOYEES

Gardner Brothers, Driller ____, Driller

____, Driller ____, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| Formation Tops | | | |
| Pictured Cliffs | | 2215' | |
| Mesaverde | | 3740' | |
| Point Lookout | | 4390' | |
| Gallup | | 5474' | |
| Graneros | | 6511' | |
| Dakota | | 6653' | |

Completion Summary

6841' T.D. - 8-5/8" casing @ 337' and 4½" @ 6841'. Perfd 4½" at following intervals: 6656' (2 jets), 6661' (2 jets), 6665' (2 jets), 6670' (2 jets), 6680' (4 jets), 6685' ( 2 jets), 6691' (2 jets), 6693' (2 jets), 6700' (1 jet). Total 19 holes. Sand-water fracd w/870 bbls. with 2% HCL & 5% Calcium Chloride. Used 30,000# 20-40 sand. Flushed w/100 bbls. fresh water. Average injection rate 43 B/min. at 3500 psi. Ran 2-3/8" tubing to 6555' & cleaned well to pit.

S.I. 8 days and ran 3 hr. test through 3/4" choke. CAOF 1271 Mcf/D.

[OVER]

16—43094-5

USGS 5, Springs 1, File 1.

## FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | |

## HISTORY OF OIL OR GAS WELL

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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, size, 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.