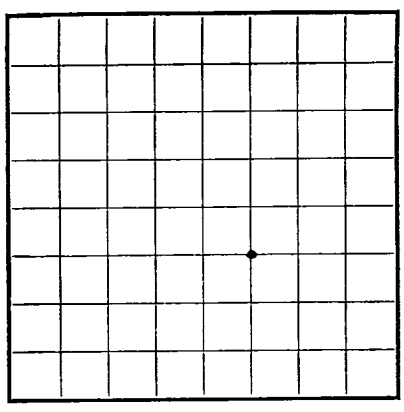
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032452-A
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
NOV 3 1958
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

# LOG OF OIL OR GAS WELL

Company Samedan Oil Corporation Address Box 2137, Hobbs, New Mexico
Lessor or Tract Hughes A-2 Field Langlie-Mattix State New Mexico
Well No. 7 Sec. 9 T. 23S R. 37E Meridian NMPM County Lea
Location 1980 ft. {N./S.} of S Line and 1980 ft. {E./W.} of E Line of 7-23S-37E Elevation 3298 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.

Signed G. M. Putnam

Date October 30, 1958 Title District Superintendent

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

Commenced drilling September 9, 19 58 Finished drilling September 23, 19 58

## OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3496 to 3628 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 100' to 500' No. 3, from ____ to ____
No. 2, from 650' to 890' 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 | 32 | 8 | Spang | 375 | Baker | | | | |
| 5 1/2 | 14 | 8 | National | 3642 | Baker | | 3496 | 3628 | Production |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 8 5/8 | 375 | 250 | 1 - Plug | 9.8 | |
| 5 1/2 | 3642 | ~~200~~ 250 | 2 - Plug | 10.5 | |
| DV | 1137 | 125 | 2 - 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 3642 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

## DATES

October 30, 19 58 Put to producing October 28, 19 58

The production for the first 24 hours was 105 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. ____

## EMPLOYEES

Roy Weaver, Driller T. A. Turner, Driller
Creed Cox, Driller ____, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 150 | 150 | Sand and Caliche |
| 150 | 320 | 170 | Shale and Sand |
| 320 | 370 | 50 | Sand |
| 370 | 410 | 40 | Shale |
| 410 | 650 | 240 | Sand, Caliche and Shale |
| 650 | 890 | 240 | Sand and Shale |
| 890 | 1094 | 204 | Red Shales |
| 1094 | 1180 | 86 | Anhydrite |
| 1180 | 2450 | 1270 | Salt and Anhydrite |
| 2450 | 2662 | 212 | Anhydrite and Dolomite |
| 2662 | 2870 | 208 | Sand, Anhydrite, Shale and Dolomite |
| 2870 | 3472 | 602 | Dolomite, Anhydrite, Shale and Sand |
| 3472 | TD | 170 | Sand, Dolomite With Oil Stain and Porosity In Sand |

[OVER]

16—43094-4

Top Yates 2662
Top Penrose Sand: 3472

FOLD

MARK

## FORMATION RECORD—Continued

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

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## HISTORY OF OIL OR GAS WELL

**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.**