

COPY TO O.C.C.

NOTED

STANDLEY

JUL 21 1961

Bureau No. 42-R-355.3.  
Aerial expires 12-31-65.

U. S. LAND OFFICE Santa Fe, N. M.

SERIAL NUMBER 02913

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

JUL 21 1961

U. S. GEOLOGICAL SURVEY  
WASH., D. C.

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Robert G. Hanagan & Venetia, Inc. Address P. O. Box 259  
Lessor or Tract Mobil Federal Field Walden State New Mexico  
Well No. 1 Sec. 35 T. 8 S. R. 35 Meridian N.E.B.M. County Roosevelt  
Location 660 ft. N of 4 Line and 660 ft. W of 4 Line of Section 35 Elevation 4165 K.D.  
(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

Title

Date

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

Commenced drilling May 26, 1961 Finished drilling June 28, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G) None

No. 1, from 2312 to 4082 No. 4, from        to         
No. 2, from 2312 to 9082 No. 5, from        to         
No. 3, from        to        No. 6, from        to       

## IMPORTANT WATER SANDS ZONES

No. 1, from 4952 to 4988 No. 3, from        to         
No. 2, from 9780 to 9793 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—  |                 |
| 13 3/8"      | 48#             | 4 1/2 ST & C     |      | 383.06   | Tex. Pattern | None                | None       | None | Surf. Conductor |
| 8 5/8"       | 32#             | 4 1/2 ST & C     |      | 2,164.99 | Halliburton  |                     | None       | None | Interned.       |
| 8 5/8"       | 24#             | 4 1/2 ST & C     |      | 1,973.12 | Float Collar |                     | None       | None | String          |
| Total 8 5/8" |                 |                  |      | 4,121.17 | Shoe         |                     |            |      |                 |

Shot &amp; pulled 1526.95' of 8 5/8" Casing

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used     | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-----------------|-------------|--------------------|
| 13 3/8"     | 396'      | 305 reg. 2 1/2 gal.    | B. C. Cementing |             |                    |
| 8 5/8"      | 415'      | 300 ex reg. 30' SX     | B. C. Cementing |             |                    |
|             |           | Diatrix 1              | B. C. Cementing |             |                    |

## 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 9800 feet, and from        feet to        feetCable tools were used from        feet to        feet, and from        feet to        feet

## DATES

      , 19       Put to producing        July 6, 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        Gallons gasoline per 1,000 cu. ft. of gas       Rock pressure, lbs. per sq. in.        Drilling Contractor: Kates Drilling Company

## EMPLOYEES

Driller Junior Johnson ~~XXXX~~ Sool Pusher L. J. Stanford Driller  
Driller G. J. Williams J. H. Garrio Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                     |
|-------|------|------------|-------------------------------------------------------------------------------|
| 0     | 2240 | 2240       | Unconsol. sd & Surf. -- 11' Blue                                              |
| 2240  | 2783 | 543        | Anhy., Gyr, Salt, some ss                                                     |
| 2783  | 4035 | 1252       | Redbeds, Red sand, Anhy, some Limestone                                       |
| 4035  | 4900 | 865        | Anhydric Dolomite                                                             |
| 4900  | 5320 | 420        | Anhy. Inst.                                                                   |
| 5320  | 5440 | 120        | Anhy. w/some Dol & gry Sh.                                                    |
| 5440  | 6935 | 1495       | Red & gry f.g. silty sd, some Red Sh, Anhy & Dol. Inc. 200' from top section. |
| 6935  | 7300 | 365        | Gry & red silty sd, some Red Sh., Anhy. & Dol.                                |
| 7300  | 7778 | 478        | Dolomite & Anhy.                                                              |
| 7778  | 8350 | 572        | Red & green Sh, some Dol. & Anhy.                                             |
| 8350  | 8750 | 400        | Alternating red & green Sh. w/Dol & Anhy.                                     |
| 8750  | 8920 | 170        | Dol. & Anhy.                                                                  |
| 8920  | 9020 | 100        | Cherty Dol.                                                                   |
| 9020  | 9450 | 430        | Limestone w/zones of cherty ln. & thin Red, gry, grn Shale streaks            |
| 9450  | 9800 | 350        | Alternating Sh. & Inst. varied colored shs. Increase in Sh. in section.       |

