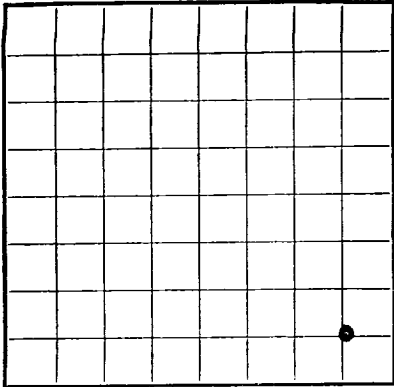


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 066840  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

HOBBS OFFICE 000  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
1962 APR 13 PM 2:55  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Williamson Petroleum Co. Address Box 16, Midland, Texas  
Lessor or Tract Wahlenmaier-Federal Field Wildcat State New Mexico  
Well No. 1 Sec. 17 T. 38S R. 38E Meridian N.M.P.M. County Lea  
Location 660 ft. N of S Line and 660 ft. W of E Line of Section 17 Elevation 3318'  
(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 [Signature]

Date April 10, 1962 Title Superintendent

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

Commenced drilling December 28, 1961 Finished drilling February 15, 1962

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 8220' to 8290' 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—  |              |
| 12-3/4      | 50              | 8 Rd.            | Sals. | 449'   | Tex. Pat.    |                     |            |      | Surface      |
| 8-5/8       | 32 & 24         | "                |       | 3939'  | Baker        |                     | 8226       | 8252 | Intermediate |
| 5-1/2       | 15 & 17         | "                |       | 8482'  | "            |                     | 8288       | 8290 | Oil String   |
| 2" EUE      | 4.70            | "                |       | 8292'  | "            |                     |            |      |              |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 12-3/4      | 449       | 275                    | Pump        |             | Circulate          |
| 8-5/8       | 3939      | 75 Units + 100 Sr      | "           | 43 Vis.     | Top cement 1300'   |
| 5-1/2       | 8482      | 344                    | "           | " "         | " " 7070'          |

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 10,014 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

April 10, 1962 Put to producing Feb. 19, 1962

The production for the first 24 hours was 120 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 38

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM— | TO—   | TOTAL FEET | FORMATION                                |
|-------|-------|------------|------------------------------------------|
| 0     | 66    | 66         | Caliche and surface sands                |
| 66    | 1392  | 1326       | Red bed                                  |
| 1392  | 3840  | 2448       | Salt & anhy. w/streaks of shale and sand |
| 3840  | 3970  | 130        | Dolomite and anhydrite                   |
| 3970  | 4000  | 30         | Anhydrite, dolomite and sand             |
| 4000  | 5750  | 1750       | Dolomite                                 |
| 5750  | 5910  | 160        | Dolomite and sand                        |
| 5910  | 6490  | 580        | Dolomite                                 |
| 6490  | 6570  | 80         | Dolomite and sand                        |
| 6570  | 6950  | 380        | Dolomite                                 |
| 6950  | 7190  | 240        | Limestone                                |
| 7190  | 7365  | 175        | Dolomite                                 |
| 7365  | 7620  | 255        | Limestone                                |
| 7620  | 7830  | 210        | Dolomite                                 |
| 7830  | 8190  | 360        | Shale                                    |
| 8190  | 9390  | 1200       | Limestone                                |
| 9390  | 9470  | 80         | Dolomite                                 |
| 9470  | 9540  | 70         | Limestone                                |
| 9540  | 9840  | 300        | Dolomite                                 |
| 9840  | 10010 | 170        | Chert and dolomite                       |

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.

# HISTORY OF OIL OR GAS WELL

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[illegible]

**FORMATION RECORD—Continued**