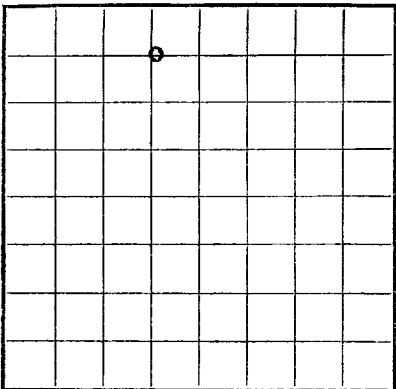


U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **032579 (e)**  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **J. C. WILLIAMSON** Address **BOX 16, MIDLAND, TEXAS**  
Lessor or Tract **WESTATES-FEDERAL** Field **NORTH JUSTIS** State **NEW MEXICO**  
Well No. **9** Sec. **1** T. **25S** R. **37E** Meridian **NMPM** County **LEA**  
Location **905** ft. **N** of **N** Line and **1650** ft. **E** of **W** Line of **Section 1** Elevation **3123.8Gr.**  
(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 **December 12, 1962** Orig. Date **June 4, 1962** Title **Supt.**

The summary on this page is for the condition of the well at above date.  
Commenced drilling **March 20**, 19 **62** Finished drilling **April 21**, 19 **62**

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

No. 1, from **None** to \_\_\_\_\_ 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 **None** 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— |              |
| 13 3/8      | 48              | 8 rd             | SMLS | 321    | Tex. Pat.    | None                |            |     | Surface      |
| 9 5/8       | 13              | 8 rd             | SMLS | 2344   | Baker        | None                |            |     | Intermediate |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13 3/8      | 321       | 220                    | Pump        | 34          | Native             |
| 9 5/8       | 2344      | 550                    | Pump        | 36          | Brine (Mud Native) |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

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 **7645** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing **Temp. Plugged & Abandoned**  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; **4/21/62**  
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

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

FORMATION RECORD

| FROM—    | TO—  | TOTAL FEET | FORMATION                               |
|----------|------|------------|-----------------------------------------|
| 0        | 140  | 140        | Caliche & Surface Sand                  |
| 140      | 910  | 770        | Redbed                                  |
| 910      | 3790 | 2880       | Salt, Anhy. & Stringers of Sand & Shale |
| 3790     | 7400 | 3610       | Dolomite                                |
| 7400     | 7450 | 50         | Dolomite & Chert                        |
| 7450     | 7570 | 120        | Red & Green Shale                       |
| 7570     | 7645 | 75         | Black Shale                             |
| LOG TOPS |      |            |                                         |
|          |      |            | T/Rustler 910'                          |
|          |      |            | T/Yates 2463'                           |
|          |      |            | T/Glor. 4912'                           |
|          |      |            | T/Blinbry 5240                          |
|          |      |            | T/Tubbs 5954                            |
|          |      |            | T/Wdfd. Shale 7570'                     |

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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.

[illegible]