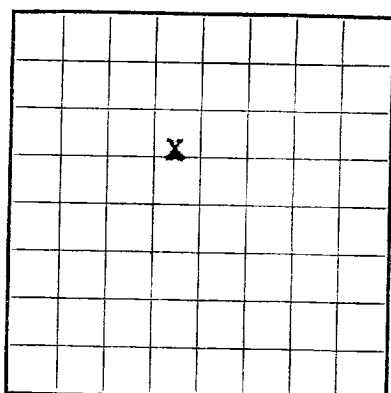


U. S. LAND OFFICE Gate Fe  
SERIAL NUMBER 077978-C  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Royal Development Co Address Box 1299 Albuquerque N M  
Lessor or Tract \_\_\_\_\_ Field 40 State NM  
Well No. TF-1 Sec. 34 T. 28N R. 13E Meridian NMPM County San Juan  
Location 1650 ft. [S.] of N Line and 2310 ft. [E.] of W Line of Sec 34 Elevation 6000 GL

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.

Date 5 30 62 Signed [Signature] Title [Signature]

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

Commenced drilling 4/20/62, 1962 Finished drilling 5/2/62 1962

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

(Denote gas by G)

|                                                                                        |                                                                                        |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| No. 1, from _____ to _____<br>No. 2, from _____ to _____<br>No. 3, from _____ to _____ | No. 4, from _____ to _____<br>No. 5, from _____ to _____<br>No. 6, from _____ to _____ |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used     | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-----------------|-------------|--------------------|
| 7"          | 31'       | 8 sax                  | Circ to surface |             |                    |
|             |           |                        |                 |             |                    |
|             |           |                        |                 |             |                    |
|             |           |                        |                 |             |                    |
|             |           |                        |                 |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material \_\_\_\_\_ Size Plug 130-230 TD w 11 sex cement

## SHOOTING RECORD

[illegible]

## TOOLS USED

Rotary tools were used from 0-230 feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

-----, 19----- Put to producing 5/2/62 10

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Baumé \_\_\_\_\_

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

~~L E Wilson Drilling Co~~, Driller ~~Driller~~

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

## FORMATION RECORD

| FROM—                               | TO— | TOTAL FEET | FORMATION                                                  |
|-------------------------------------|-----|------------|------------------------------------------------------------|
| 0                                   | 10  |            | surf sd                                                    |
| 10                                  | 72  |            | brn fn grn silty ss & sh - sl damp                         |
| 72                                  | 103 |            | blue shale                                                 |
| 103                                 | 150 |            | lt grey fn grn silty ss sl damp                            |
| 150                                 | 195 |            | brn to blue sh                                             |
| 195                                 | 206 |            | lt grey fn grn ss damp                                     |
| 206                                 | 230 |            | med grn grey ss w gravel cong-<br>lomerate - sl show water |
| Top Ojo Alamo Sandstone - 195 feet. |     |            |                                                            |

Top Ojo Alamo Sandstone - 195 feet.

**FORMATION RECORD—Continued**

[illegible]

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

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