

U. S. LAND OFFICE **Las Cruces**[illegible]

SERIAL NUMBER 033284

LEASE OR PERMIT TO PROSPECT -----  
**Jackson "B"**

RECEIVED UNITED STATES

MAY 21 1962 DEPA

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY  
ARTERIAL SURVEY

Article, Dr. [redacted]

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

|                 |                          |         |                                                        |          |              |    |     |          |            |                        |         |
|-----------------|--------------------------|---------|--------------------------------------------------------|----------|--------------|----|-----|----------|------------|------------------------|---------|
| Company         | Nash, Windfohr and Brown | Address | 1212 First National Bank Bldg.,<br>Fort Worth 2, Texas |          |              |    |     |          |            |                        |         |
| Lessor or Tract | J. M. Jackson "B"        | Field   | Jackson Abo                                            | State    | New Mexico   |    |     |          |            |                        |         |
| Well No.        | 24                       | Sec.    | 24                                                     | T.       | 17S          | R. | 30E | Meridian | NMPM       | County                 | Eddy    |
| Location        | 1870. ft. {N.}           | of      | S.                                                     | Line and | 330 ft. {E.} | of | W.  | Line of  | Section 24 | Elevation              | 3712 GL |
|                 |                          |         |                                                        |          |              |    |     |          |            | (Depth to water 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.

Date May 16, 1962

Title **R. F. Windfohr, Partner**

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

Commenced drilling April 22, 1962 Finished drilling May 8, 1962.

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 1860 to 1870 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 2035 to 2045 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from 6904 to 7030 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 |
|-------------|-----------|------------------------------------------------------|--------------------|-------------|--------------------|
| 8-5/8       | 1543      | 350 sacks 50/50 Pozmix                               | 6% Gel followed by |             | 100 sacks neat -   |
|             |           | Halliburton                                          |                    |             |                    |
| 4-1/2       | 7030      | 70 sacks neat cement with latex initial stage;       |                    |             | 600 sacks of 50/50 |
|             |           | Pozmix 18% Gel, 3% Salt followed by 50 sacks of neat |                    |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      | None       |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 7030 T.D. feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

Put to producing ~~May 15~~ May 15, 1962

The production for the first 24 hours was 63 barrels of fluid of which 100% was oil;     % emulsion;     % water; and     % sediment. Gravity, °Bé. 45

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

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

**Yates Drilling Company**....., Driller ..... , Driller  
**Garner Building**....., Driller ..... , Driller

**Artesia, New Mexico**

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION           |
|-------|------|------------|---------------------|
| 0     | 501  | 501        | Red Bed & Anhy      |
| 501   | 1069 | 568        | Red Bed, Sand, Salt |
| 1069  | 1546 | 477        | Red Bed             |
| 1546  | 1670 | 124        | Anhy                |
| 1670  | 2295 | 625        | Anhy & Lime         |
| 2295  | 6852 | 4557       | Lime                |
| 6852  | 6904 | 52         | Abo                 |
| 6904  | 7030 | 126        | Reef - T. D.        |

Drill stem test 6934 to 6973; 33 barrels in 1 hour - gas/oil ratio 1,500 to 1

| FROM- | TO- | TOTAL FEET | FORMATION                    |
|-------|-----|------------|------------------------------|
|       |     |            | FORMATION RECORD             |
|       |     |            | EMPLOYEES                    |
|       |     |            | TOOLS USED                   |
|       |     |            | SHOOTING RECORD              |
|       |     |            | PLAN AND APPENDICES          |
|       |     |            | MINING AND DEVELOPING RECORD |

**HISTORY OF OIL OR GAS WELL**  
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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.

**CASING RECORD**  
 1. 2 1/2 inch casing, 100 feet from surface to 100 feet depth.  
 2. 2 1/2 inch casing, 100 feet from 100 feet depth to 200 feet depth.  
 3. 2 1/2 inch casing, 200 feet from 200 feet depth to 300 feet depth.

**IMPORTANT WATER BANDS**  
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**DEPARTMENT OF THE INTERIOR**  
 GEOLOGICAL SURVEY

**UNITED STATES**  
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