

LEASE OR PERMIT TO PROSPECT -----

DEPARTMENT OF THE INTERIOR

**GEOLOGICAL SURVEY U. S. DEPARTMENT OF THE INTERIOR**  
**WATER RESOURCES DIVISION**

## LOCATE WELL CORRECTLY

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Company R.L. Kirkwood by Wolfson Oil Co., Address 504 Midland National Bank Bldg.  
EE. Jacks B-26 Agent Langlie-Mattix New Mexico  
Lessor or Tract EE. Jacks B-26 Field Langlie-Mattix State Lea  
Well No. 3 Sec. 26 T. 24S R. 37E Meridian \_\_\_\_\_ County \_\_\_\_\_  
Location 1980 ft. N. of S Line and 660 ft. E. of W Line of SEC. 26 Elevation 3209 DF  
(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.

Date August 24, 1961

Title Production Engineer

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

Commenced drilling July 26, 1961, 19----- Finished drilling August 7, 1961, 19-----

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 3322 to 3440  
No. 2, from 2720 to 2828 (G)  
No. 3, from to  
No. 4, from to  
No. 5, from to  
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       | 315       | 250                    | Plug        |             |                    |
| 4 1/2       | 3467      | 475                    | Plug        |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| SHOOTING RECORD |            |                |          |      |            |                   |
|-----------------|------------|----------------|----------|------|------------|-------------------|
| Size            | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|                 |            |                |          |      |            |                   |
|                 |            |                |          |      |            |                   |
|                 |            |                |          |      |            |                   |
|                 |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 3472 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

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

## DATES

August 24, 1961 Put to producing August 21, 1961

The production for the first 24 hours was 16 barrels of fluid of which 100 % 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. ----- This test is of the Queen zone. The upper or  
 Yates is shut-in pending connection.

## EMPLOYEES

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

## FORMATION RECORD

| FROM— | TO—      | TOTAL FEET | FORMATION                  |
|-------|----------|------------|----------------------------|
| 0     | 300      |            | Sand                       |
| 300   | 965      |            | Sand and Shale             |
| 965   | 1065     |            | Anhydrite                  |
| 1065  | 2330     |            | salt                       |
| 2330  | 2460     |            | anhydrite                  |
| 2460  | 3010     |            | sand, anhydrite, and shale |
| 3010  | 3320     |            | anhydrite and dolomite     |
| 3320  | 3472T.D. |            | dolomite and sand streaks  |
|       |          |            | <u>Geologic Top s</u>      |
|       |          |            | Top of Rustler 965         |
|       |          |            | Salt 1065                  |
|       |          |            | Yates 2460                 |
|       |          |            | Queen 3320                 |

[illegible]

NEW 240 SED 100 00 000

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 for test for water, state kind of material used, position, and results of pumping or balling.

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**FORMATION RECORD-Continued**