

U. S. LAND OFFICE

Las Cruces

047622 (b)

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYDEC 12 1957  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Bob Johnson Address P. O. Box 577 Artesia, New MexicoLessor or Tract Swearingen B Field North Hugart State New MexicoWell No. 3-B Sec. 14 T. 12 R. 31 Meridian NM County SddyLocation 100 ft. (N) of N Line and 600 ft. (E.) of W Line of Section 14 Elevation 3707

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 Bob JohnsonDate December 5, 1957Title Owner

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

Commenced drilling September 30, 1957 Finished drilling November 21, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2605 to 2615 No. 4, from \_\_\_\_\_ to \_\_\_\_\_No. 2, from 3372 to 3400 No. 5, from \_\_\_\_\_ to \_\_\_\_\_No. 3, from 3410 to 3628 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—         |                   |
| <u>8 5/8</u> | <u>24 #</u>     | <u>8</u>         |      | <u>795</u>  | <u>Texas Pattern</u>           |                     | <u>None</u> | <u>None</u> | <u>Surface</u>    |
| <u>7</u>     | <u>20 #</u>     | <u>8</u>         |      | <u>3661</u> | <u>Baker-Culiff Plant Shoe</u> |                     | <u>3371</u> | <u>3400</u> | <u>Production</u> |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used     | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|-----------------|-------------|--------------------|
| <u>8 5/8</u> | <u>795</u>  | <u>100</u>             | <u>Pressure</u> | <u>None</u> | <u>None</u>        |
| <u>7</u>     | <u>3661</u> | <u>150</u>             | <u>Pressure</u> | <u>None</u> | <u>None</u>        |

## 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 |
|--------------|----------------------------|--------------------------------------------------------------|----------|------|------------|-------------------|
| <u>Dwell</u> | <u>Sand Free Treatment</u> | <u>using 30,000 pounds of sand and 22,500 gallons of oil</u> |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from 0 feet to 3661 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing November 21, 1957The production for the first 24 hours was 400 barrels of fluid of which 100% was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39

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 H. R. Hampton \_\_\_\_\_, Driller Pat Ramspot\_\_\_\_\_, Driller J. R. Varts \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                              |
|-------------|-------------|------------|----------------------------------------|
| <u>0</u>    | <u>730</u>  | <u>730</u> | <u>Red Beds</u>                        |
| <u>730</u>  | <u>760</u>  | <u>30</u>  | <u>Anhydrite</u>                       |
| <u>760</u>  | <u>773</u>  | <u>13</u>  | <u>Red Sand</u>                        |
| <u>773</u>  | <u>795</u>  | <u>22</u>  | <u>Anhydrite</u>                       |
| <u>795</u>  | <u>875</u>  | <u>80</u>  | <u>Anhydrite</u>                       |
| <u>875</u>  | <u>905</u>  | <u>30</u>  | <u>Anhydrite &amp; Salt</u>            |
| <u>905</u>  | <u>955</u>  | <u>50</u>  | <u>Salt and Shale</u>                  |
| <u>955</u>  | <u>1490</u> | <u>535</u> | <u>Salt</u>                            |
| <u>1490</u> | <u>1515</u> | <u>25</u>  | <u>Anhydrite &amp; Salt</u>            |
| <u>1515</u> | <u>2005</u> | <u>490</u> | <u>Salt</u>                            |
| <u>2005</u> | <u>2200</u> | <u>195</u> | <u>Anhydrite</u>                       |
| <u>2200</u> | <u>2230</u> | <u>30</u>  | <u>Anhydrite and Broken Gray Shale</u> |
| <u>2230</u> | <u>2275</u> | <u>45</u>  | <u>Anhydrite and Red Shale</u>         |
| <u>2275</u> | <u>2310</u> | <u>35</u>  | <u>Anhydrite</u>                       |
| <u>2310</u> | <u>2345</u> | <u>35</u>  | <u>Anhydrite and Red Shale</u>         |
| <u>2345</u> | <u>2370</u> | <u>25</u>  | <u>Live and Anhydrite</u>              |
| <u>2370</u> | <u>2605</u> | <u>235</u> | <u>Anhydrite</u>                       |
| <u>2605</u> | <u>2615</u> | <u>10</u>  | <u>Gray Sand</u>                       |
| <u>2615</u> | <u>2710</u> | <u>95</u>  | <u>Anhydrite</u>                       |
| <u>2710</u> | <u>2750</u> | <u>40</u>  | <u>Live</u>                            |
| <u>2750</u> | <u>3120</u> | <u>370</u> | <u>Anhydrite</u>                       |
| <u>3120</u> | <u>3125</u> | <u>5</u>   | <u>Brown Shale</u>                     |
| <u>3125</u> | <u>3220</u> | <u>95</u>  | <u>Anhydrite</u>                       |
| <u>3220</u> | <u>3240</u> | <u>20</u>  | <u>Anhydrite and Lime</u>              |
| <u>3240</u> | <u>3445</u> | <u>205</u> | <u>Anhydrite</u>                       |

(OVER)

16-43094-2

