

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John H. Frigg Address P.O. Box 5622, Roswell, N.M.  
Lessor or Tract Federal "T" Field E-H Queen State New Mexico  
Well No. 4-12 Sec. 12 T. 18S R. 23E Meridian N.M.P. County Lea  
Location 660 ft. [N.] of [S.] Line and 290 ft. [E.] of [W.] Line of Section Elevation 2918.4  
(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 Hugh W. Richey, Jr. Title Geologist  
Date March 2, 1956

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

Commenced drilling January 13, 1956 Finished drilling February 25, 1956

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4340 to 4355 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 \_\_\_\_\_ 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>13-3/8</u> | <u>44</u>       |                  | <u>Spiral</u> | <u>250'</u>  | <u>Jones</u>       | <u>Pattern</u>      |            |     |         |
| <u>8-5/8</u>  | <u>24</u>       |                  | <u>J-55</u>   | <u>1618'</u> | <u>Texas</u>       | <u>Pattern</u>      |            |     |         |
| <u>5</u>      | <u>15</u>       |                  | <u>J-55</u>   | <u>4334'</u> | <u>Halliburton</u> | <u>Guide Shoe</u>   |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set    | Number sacks of cement | Method used       | Mud gravity | Amount of mud used |
|---------------|--------------|------------------------|-------------------|-------------|--------------------|
| <u>13-3/8</u> | <u>250'</u>  | <u>250 ex.</u>         | <u>circulated</u> |             |                    |
| <u>8-5/8</u>  | <u>1618'</u> | <u>50 ex.</u>          |                   |             |                    |
| <u>5</u>      | <u>4334'</u> | <u>250 ex.</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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 1618 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feetCable tools were used from 1618 feet to 4355 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

March 2, 1956 Put to producing February 25, 1956The production for the first 24 hours was 112 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 36°

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

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

## EMPLOYEES

J. R. Jones, Driller Jack Henderson, DrillerC. R. Vincent, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET       | FORMATION                                                   |
|-------------|-------------|------------------|-------------------------------------------------------------|
| <u>1500</u> | <u>1600</u> | <u>100</u>       | <u>Red Beds</u>                                             |
| <u>1600</u> | <u>1645</u> | <u>45</u>        | <u>Anhydrite</u>                                            |
| <u>1645</u> | <u>1850</u> | <u>205</u>       | <u>Anhydrite, sand, dolomite &amp; salt</u>                 |
| <u>1850</u> | <u>2003</u> | <u>1053</u>      | <u>Salt with some anhydrite and potash</u>                  |
| <u>2003</u> | <u>2100</u> | <u>107</u>       | <u>Anhydrite, salt &amp; red bed stringers</u>              |
| <u>2100</u> | <u>2130</u> | <u>30</u>        | <u>Fine red sand, red shale, anhydrite</u>                  |
| <u>2130</u> | <u>2525</u> | <u>395</u>       | <u>Anhydrite, fine red sand, some shale</u>                 |
| <u>2525</u> | <u>2570</u> | <u>45</u>        | <u>Gray sand, show of oil</u>                               |
| <u>2570</u> | <u>4304</u> | <u>734</u>       | <u>Anhydrite &amp; dolomite w/ sand and shale stringers</u> |
| <u>4304</u> | <u>4340</u> | <u>36</u>        | <u>Fine red and gray sand</u>                               |
| <u>4340</u> | <u>4355</u> | <u>15</u>        | <u>Fine gray sand - Oil</u>                                 |
|             |             | <u>4355 T.D.</u> |                                                             |

STANDARD FORM NO. 64

WORK WITH COMPLETION

1. The first step is to identify the problem. This involves understanding the situation, gathering information, and defining the problem clearly.

Oil or Grease on Hands

10-10-68

"sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

U. S. GOVERNMENT PRINTING OFFICE

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| <p>1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it is the first official communication from the President to the Congress since the inauguration.</p> <p>2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. It contains information about the state of the Treasury and the country's finances.</p> <p>3. The third part of the document is a report from the Secretary of the Interior, dated January 1, 1861. It contains information about the state of the Interior and the country's resources.</p> <p>4. The fourth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. It contains information about the state of the Navy and the country's naval power.</p> <p>5. The fifth part of the document is a report from the Secretary of the War, dated January 1, 1861. It contains information about the state of the War and the country's military power.</p> | <p>1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it is the first official communication from the President to the Congress since the inauguration.</p> <p>2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. It contains information about the state of the Treasury and the country's finances.</p> <p>3. The third part of the document is a report from the Secretary of the Interior, dated January 1, 1861. It contains information about the state of the Interior and the country's resources.</p> <p>4. The fourth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. It contains information about the state of the Navy and the country's naval power.</p> <p>5. The fifth part of the document is a report from the Secretary of the War, dated January 1, 1861. It contains information about the state of the War and the country's military power.</p> | <p>1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it is the first official communication from the President to the Congress since the inauguration.</p> <p>2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. It contains information about the state of the Treasury and the country's finances.</p> <p>3. The third part of the document is a report from the Secretary of the Interior, dated January 1, 1861. It contains information about the state of the Interior and the country's resources.</p> <p>4. The fourth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. It contains information about the state of the Navy and the country's naval power.</p> <p>5. The fifth part of the document is a report from the Secretary of the War, dated January 1, 1861. It contains information about the state of the War and the country's military power.</p> |
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