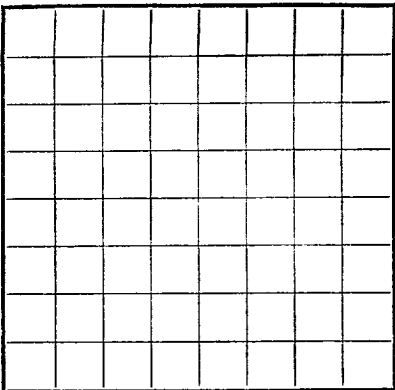


U. S. LAND OFFICE New Mexico  
SERIAL NUMBER 074936  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Chambers & Kennedy Address Box 953, Midland, Texas  
Lessor or Tract Sinclair-Federal Field Loce Hills (Abo) State New Mexico  
Well No. 2 Sec. 21 T. 17SR 30E Meridian NMPM County Eddy  
Location 2230 ft. <sup>(N.)</sup><sub>(E.)</sub> of S. Line and 2100 ft. <sup>(E.)</sup><sub>(W.)</sub> of E. Line of Sec. 21 Elevation 3662  
(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 [Signature]

Date December 7, 1961 Title Agent

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

Commenced drilling 10-11, 1961 Finished drilling 11-23, 1961

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

No. 1, from 6857 to 6875 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 None 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>32</u>       | <u>4</u>         | <u>55</u> | <u>1718</u> | <u>Hardy</u> | <u>6857</u>         | <u>6866</u> | <u>511</u> | <u>String</u> |
| <u>5-1/2</u> | <u>15.5</u>     | <u>"</u>         | <u>"</u>  | <u>5100</u> | <u>"</u>     |                     |             |            |               |
| <u>5-1/2</u> | <u>15.5</u>     | <u>"</u>         | <u>"</u>  | <u>1473</u> | <u>"</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>1718</u> | <u>550</u> sx <u>Incore 4 1/2 gal., 2% cacl &amp; 1 cu. ft of</u>       | <u>6 per sack of cement</u>                                       |             | <u>Strata Crete</u> |
| <u>5-1/2</u> | <u>6873</u> | <u>1208</u> Cu. ft. <u>trinity Lite weight w/1 cu. ft. Strata Crete</u> | <u>6 per sack of cement &amp; 2 1/2 Cu. Ft. Incore 4 1/2 gal.</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 550 feet to 6873 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 550 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing December 3, 1961

The production for the first 24 hours was 84.40 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours 0 Gallons gasoline per 1,000 cu. ft. of gas 0

Rock pressure, lbs. per sq. in. 0

EMPLOYEES

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

FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET  | FORMATION                  |
|-------------|-------------|-------------|----------------------------|
| <u>0</u>    | <u>3105</u> | <u>3105</u> | <u>Artesia Group</u>       |
| <u>3105</u> | <u>4435</u> | <u>1330</u> | <u>San Andres</u>          |
| <u>4435</u> | <u>6857</u> | <u>2422</u> | <u>Glorieta Clearfork</u>  |
| <u>6857</u> | <u>6875</u> | <u>18</u>   | <u>Abo root</u>            |
|             |             |             | <u>Top Salt 455</u>        |
|             |             |             | <u>Base Salt 1085</u>      |
|             |             |             | <u>Top Yates 1255</u>      |
|             |             |             | <u>Top Queen 2213</u>      |
|             |             |             | <u>Top San Andres 3105</u> |
|             |             |             | <u>Top Glorieta 4435</u>   |
|             |             |             | <u>Top Abo 6857</u>        |

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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1. The following information is being furnished to you for your information only. It is not intended to constitute an offer of insurance or any other financial product. Please consult your insurance agent for more information.

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 "slacked", 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 or shots.

## HISTORY OF OIL OR GAS WELL

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