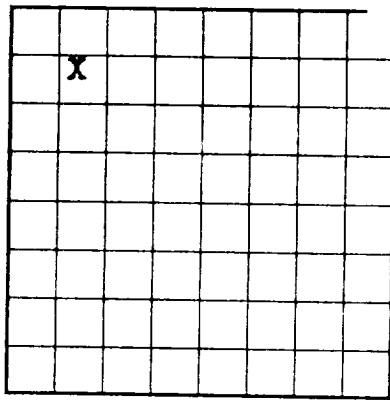


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029112LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Allan Hargrave & Harris Address Midland, Texas.  
G. Eastham Jr.  
 Lessor or Tract Hargrave Field Barber State New Mexico  
 Well No. 2 Sec. 15 T. 20S R. 30E Meridian N.M.P.M. County Eddy  
 Location 990 ft. N of N Line and 990 ft. E of W Line of Sec. 15 Elevation 3209  
 (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 January 30, 1942 Signed Allan Hargrave  
 Title \_\_\_\_\_

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

Commenced drilling Dec. 21, 19 41 Finished drilling January 18, 19 42

## OIL OR GAS SANDS OR ZONES

(Denote gas by (G))

No. 1, from 1578 to 1633 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 75 to 78 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 98 to 121 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 1/2</u> | <u>24 1/2</u>   | <u>10</u>        |      | <u>431</u>  |              |                     |            |    | <u>Shut off</u>                |
| <u>7</u>     | <u>17 1/2</u>   | <u>8</u>         |      | <u>1568</u> |              |                     |            |    | <u>surface wtr. oil string</u> |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|--------------------|-------------|--------------------|
| <u>8 1/2</u> | <u>431</u>  | <u>50</u>              | <u>Halliburton</u> |             | <u>50 sacks</u>    |
| <u>7</u>     | <u>1568</u> | <u>50</u>              | <u>"</u>           |             | <u>50 "</u>        |

## PLUGS AND ADAPTERS

Heaving plug - Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters - Material \_\_\_\_\_