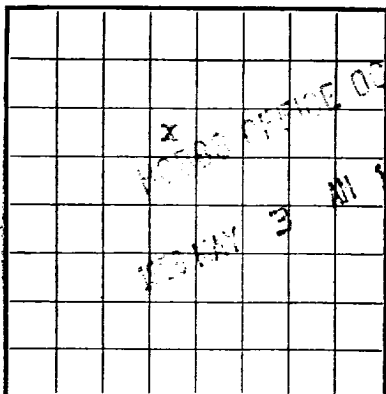




LOCATE WELL CORRECTLY

U. S. LAND OFFICE  
SERIAL NUMBER 1016795  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Island Rich Drilling Address Box 398, Los Alamos, N. Mex.  
Lessor or Tract General Field Hearseville State New Mexico  
Well No. 1 Sec. 2 T. 18 R. 22 Meridian 10:25 County Lea  
Location 1570 ft. S. of 1 Line and 231 ft. E. of 1 Line of 22 Elevation 3362  
(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 3-19-56 Signed J. L. B. B. B. Title Superintendent

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

Commenced drilling March 4, 1956 Finished drilling March 19, 1956

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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 542 to 561 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 500 to 600 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—  |         |
| 8 5/8                      |                 | 8V               |      | 663    |              |                     |            |      | water   |
| 5 1/2                      |                 | 8 rd             |      | 3720   |              |                     | 3690       | 3710 | water   |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |        |              |                     |            |      |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 663       | 75                     | Anton       | Heavy       | Top to bottom      |
| 5 1/2       | 3720      | 100                    | Calliburton | Heavy       | Top to bottom      |

## 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 3729 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing April 3, 1956

The production for the first 24 hours was 40 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. \_\_\_\_\_

## EMPLOYEES

Ray Royal, Driller W. L. Hoover, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                             |
|-------|------|------------|-------------------------------------------------------|
| 0     | 60   | 60         | sand                                                  |
| 60    | 130  | 70         | sand and gravel                                       |
| 130   | 150  | 20         | sand and shale                                        |
| 150   | 270  | 120        | shale                                                 |
| 270   | 549  | 279        | shale and red rock                                    |
| 549   | 561  | 12         | water sand                                            |
| 561   | 590  | 29         | brown lime and shale                                  |
| 590   | 600  | 10         | red quick sand--water                                 |
| 600   | 695  | 95         | sand and shale                                        |
| 695   | 1027 | 332        | red beds                                              |
| 1027  | 1212 | 185        | anhydrite                                             |
| 1212  | 1708 | 502        | salt                                                  |
| 1708  | 2090 | 382        | salt and red rock                                     |
| 2090  | 2419 | 329        | salt and shells                                       |
| 2419  | 2552 | 133        | shell and red rock                                    |
| 2552  | 2575 | 23         | anhydrite and shale                                   |
| 2575  | 2658 | 83         | anhydrite                                             |
| 2658  | 2815 | 157        | anhydrite and gyp                                     |
| 2815  | 3010 | 195        | anhydrite and shale                                   |
| 3010  | 3105 | 95         | anhydrite and gyp                                     |
| 3105  | 3165 | 60         | anhydrite, shale and gyp                              |
| 3165  | 3375 | 210        | anhydrite                                             |
| 3375  | 3464 | 89         | anhydrite and gyp                                     |
| 3464  | 3534 | 70         | anhydrite                                             |
| 3534  | 3680 | 146        | anhydrite and gyp                                     |
| 3680  | 3729 | 49         | anhydrite and sand (3729 to to derrick floor--rotary) |

