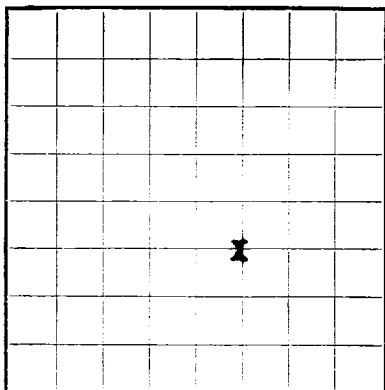


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER N M 02392  
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Drilling & Exploration Co., Inc. Address Box 2075 Hobbs, New Mexico  
Lessor or Tract Brainard Field Wildcat State New Mexico  
Well No. 1 Sec. 19 T. 19S R. 34E Meridian NMPM County Lea  
Location 1980 ft. N. of S. Line and 1980 ft. W. of E. Line of Section 19 Elevation 3693  
(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 \_\_\_\_\_

Date December 1, 1959 Title Division Prod. Superintendent

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

Commenced drilling October 20, 1959 Finished drilling November 18, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None 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 750 to 780 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>New</u> | <u>355</u> | <u>Guide</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>367</u> | <u>250</u>             | <u>Pump &amp; Plug</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 5713 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Plugged and Abandoned November 19, 1959 Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% 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

J. L. Wilson, Driller H. B. Brisby, Driller  
James Messer, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM—              | TO—  | TOTAL FEET | FORMATION                   |
|--------------------|------|------------|-----------------------------|
| 0                  | 90   | 90         | Surface sand and Caliche    |
| 90                 | 370  | 280        | Red Bed                     |
| 370                | 1595 | 1225       | Sand and Shale              |
| 1595               | 1790 | 195        | Anhydrite, Shale, Gypsum    |
| 1790               | 3200 | 1410       | Salt and Anhydrite          |
| 3200               | 3500 | 300        | Anhydrite and Dolomite      |
| 3500               | 3570 | 70         | Anhydrite and Sand          |
| 3570               | 3770 | 200        | Anhydrite and Dolomite      |
| 3770               | 4430 | 660        | Dolomite                    |
| 4430               | 4490 | 60         | Dolomite, Lime and Sand     |
| 4490               | 4650 | 160        | Dolomite and Sand           |
| 4650               | 4730 | 80         | Dolomite                    |
| 4730               | 5170 | 440        | Dolomite and Sand           |
| 5170               | 5713 | 543        | Dolomite with Chert streaks |
| Electric Log Tops: |      |            |                             |
| Top Salt           |      | 1790       |                             |
| Base Salt          |      | 3195       |                             |
| Top Yates          |      | 3432       |                             |
| Top Seven Rivers   |      | 3758       |                             |
| Top Queen          |      | 4447       |                             |
| Top Grayburg       |      | 4792       |                             |
| Top San Andres     |      | 5163       |                             |

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 "sidetracked" 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.

HISTORY OF OIL OR GAS WELL

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|