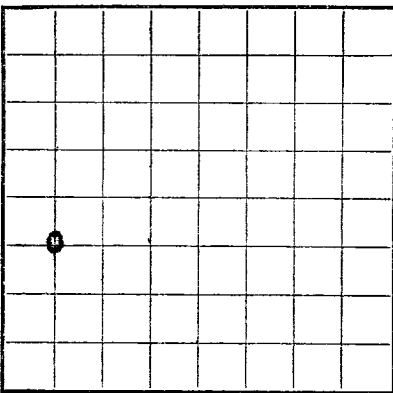


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 061638  
LEASE OR PERMIT TO PROSPECT  
Brewer

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

AUG 10 1959

## LOG OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY  
ARTES, NEW MEXICOCompany GENERAL AMERICAN OIL CO. OF TEXAS Address P. O. BOX 416 - LOCO HILLS, N. M.Lessor or Tract Brewer Field Undesignated State New MexicoWell No. 16 Sec. 14 T. 16S R. 29E Meridian N.M.P.M. County EddyLocation 1980 ft. N. of S. Line and 660 ft. E. of W. Line of Section 14 Elevation 3705  
(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 R. J. Heard  
Title District SuperintendentDate August 6, 1959

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

Commenced drilling July 5, 1959 Finished drilling July 27, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1306 to 1309 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_No. 2, from 2000 to 2020 No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 308 to 312 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— |                   |
| 10 3/4"     | 32.75#          | 8rd              | Used      | 399'   | Regular      | 405'                |            |     | 399' to 405'      |
| 8 5/8"      | 20#             | 8rd              | Used      | 1811'  | Patented     | 1811'               |            |     | 1811' to 2000'    |
| 7"          | 20#             | 8rd              | Pittsburg | 1972'  | Cable        | 1972'               |            |     | Production String |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used                 | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-----------------------------|-------------|--------------------|
| 10 3/4"     | 405       | None                   | Obtained formation shut-off |             |                    |
| 8 5/8"      | 1811      | None                   | Pump & Plug                 | Heavy       | 35 sacks Aquagel   |
| 7"          | 2000      | 150                    | "                           | "           |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

STIMULATION ~~SHOOTING~~ RECORD

| Size | Shell used | Explosive used      | Quantity   | Date    | Depth shot         | Depth cleaned out |
|------|------------|---------------------|------------|---------|--------------------|-------------------|
|      |            | <del>material</del> |            |         | <del>treated</del> |                   |
|      |            | 20% HCl             | 500 gal    | 7-29-59 | 2000-2022'         |                   |
|      |            | Crude Oil           | 48468 gal  | "       | "                  |                   |
|      |            | Ottawa Sand         | 160000 lbs | "       | "                  |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to 2022 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_ August 6, 1959 Put to producing \_\_\_\_\_ August 2, 1959The production for the first 24 hours was 426 barrels of fluid of which 100 % was oil; 0 %  
emulsion; 0 % water; and 0 % sediment. Gravity, ~~88.6~~ °API 35.0

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

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

## EMPLOYEES

\_\_\_\_\_ E. W. Farr \_\_\_\_\_, Driller \_\_\_\_\_ Ben Porter \_\_\_\_\_, Driller\_\_\_\_\_ E. T. Harnay \_\_\_\_\_, Driller \_\_\_\_\_ \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION        |
|-------|------|------------|------------------|
| 0     | 15   | 15         | Caliche          |
| 15    | 225  | 210        | Red Shale        |
| 225   | 303  | 78         | Anhy             |
| 303   | 400  | 97         | Anhy & Red Shale |
| 400   | 430  | 30         | Anhy             |
| 430   | 833  | 403        | Salt             |
| 833   | 1020 | 187        | Anhy             |
| 1020  | 1025 | 5          | Red Shale        |
| 1025  | 1125 | 100        | Anhy & Red Shale |
| 1125  | 1173 | 48         | Lime             |
| 1173  | 1765 | 592        | Anhy             |
| 1765  | 1777 | 12         | Red Shale        |
| 1777  | 1784 | 7          | Red Sand         |
| 1784  | 1995 | 211        | Anhy             |
| 1995  | 2000 | 5          | Sandy Lime       |
| 2000  | 2020 | 20         | Sand             |
| 2020  | 2022 | 2          | Sand & Anhy      |

1. The first step is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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UNITED STATES

TO: NEWCASTLE

Figure 1 displays a 4x4 grid of 16 small plots, each representing the spatial distribution of a specific species. The plots are numbered 1 through 16. Each plot shows a spatial coordinate on the x-axis and the species on the y-axis. The plots are arranged in a grid, with the top row showing the spatial distribution of the 16 species, the second row showing the spatial distribution of the 16 species, the third row showing the spatial distribution of the 16 species, and the bottom row showing the spatial distribution of the 16 species.

The information given herein is confidential and not to be used for any purpose other than that for which it was furnished. It is to be destroyed when no longer needed.

1. The Commission on the Status of Women, in its report to the General Assembly, has stated that the Commission has been established to study the position of women in all countries and to make recommendations to the General Assembly on the basis of its findings.

RECEIVED  
JAN 20 1966  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250

2012年11月29日 星期五

[illegible]

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48064-2

[illegible]