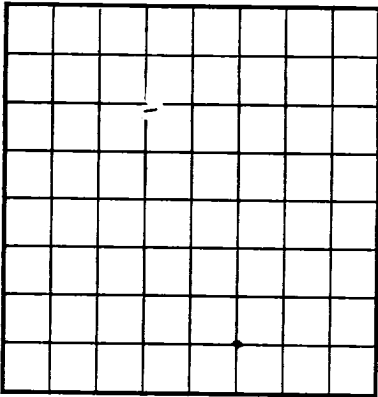


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER LC 068474  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
Government Cities Service Oil Co.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico  
Lessor or Tract Government Field Drickey useen State New Mexico  
Well No. 8 Sec. 3 T. 14 R. 31 Meridian NM County Chaves  
Location 660 ft. N of S Line and 1980 ft. E of W Line of 3-14-31 Elevation 4428 (DF)  
(Denote 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 August 27, 1954 Title Asst. Div. Supt.

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

Commenced drilling July 22, 1954 Finished drilling August 16, 1954

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

No. 1, from 3044 to 3062 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 - 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— |           |
| 8 5/8       | 22.7            | SW SJ            | Araco     | 309     | Araco        | -                   | -          | -   | Surface   |
| 5 1/2       | 14              | BR               | W-40-1-55 | 3021.08 | Saker        | -                   | -          | -   | Cil tring |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 317       | 150                    | Plug        | -           | -                  |
| 5 1/2       | 3028.08   | 300                    | Plug        | -           | -                  |

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 3065 feet, and from - feet to - feet  
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

August 27, 1954 Put to producing August 24, 1954  
The production for the 24 hours was 50.6 barrels of fluid of which 100 % was oil; 0 %  
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37.5 deg at 60 deg  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

Mr. Moore, Driller \_\_\_\_\_, Driller  
Mr. Crow, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                            |
|-------|------|------------|--------------------------------------|
| 0     | 250  | 250        | Surface soil, caliche, sand & gravel |
| 250   | 765  | 515        | Red Bed                              |
| 765   | 1285 | 520        | Shale and shells                     |
| 1285  | 1410 | 125        | Shale, shells and anhydrite          |
| 1410  | 1470 | 60         | Anhydrite                            |
| 1470  | 1515 | 45         | Shale                                |
| 1515  | 2210 | 695        | Salt                                 |
| 2210  | 2265 | 55         | Anhydrite and sand                   |
| 2265  | 2770 | 505        | Anhydrite and shale                  |
| 2770  | 2810 | 40         | Shale and gyp                        |
| 2810  | 2985 | 175        | Shale and shells                     |
| 2985  | 3044 | 59         | Anhydrite                            |
| 3044  | 3062 | 18         | useen and                            |
| 3062  | 3065 | 3          | Anhydrite and shale                  |

Formation Tops  
Yates 2271'  
useen 3044'

