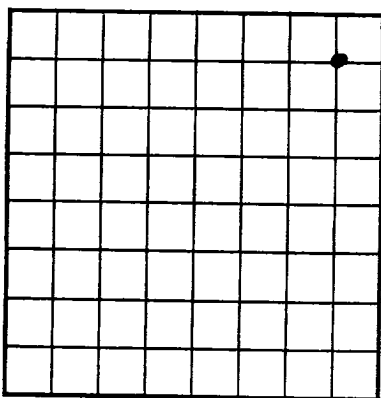




LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Cities Service Oil Address Box 97, Hobbs, New Mexico  
Lessor or Tract Government "B" Field Drickey-ueen State New Mexico  
Well No. 3 Sec. 10 T. 14S R. 31E Meridian NMPM County Chaves  
Location 660 ft. (S) of N Line and 660 ft. (W) of E Line of Sec. 10-14S-31E Elevation 4418 (DF)  
(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 [Signature]  
Date June 22, 1954 Title Division Clerk

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

Commenced drilling May 28, 1954 Finished drilling June 20, 1954

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3047' to 3048' 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— |              |
| 13 3/8"     | 36 1/2          | PE               | SW SJ | 280     | Armo         | -                   | -          | -   | Surface      |
| 11 3/8"     | 42 1/2          | 8 rd             | 44    | 25      | -            | -                   | -          | -   | Surface      |
| 8 5/8"      | 24 1/2          | 8 rd             | J-55  | 1390    | Texas Pat.   | reclaimed           | -          | -   | Intermediate |
| 5 1/2"      | 14 1/2          | 8rd              | J-55  | 3037.96 | Baker        | -                   | -          | -   | Oil          |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used                        |
|-------------|-----------|------------------------|-------------|-------------|-------------------------------------------|
| 13 3/8"     | 311'      | 250                    | Plug        | -           | -                                         |
| 8 5/8"      | 1397'     | None                   | -           | -           | 20 sacks mud-20 bbl. oil                  |
| 5 1/2"      | 3040'     | 150                    | Plug        | -           | 15 sacks aquagel mixed with 75 bbl. water |

## 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 1397 feet, and from - feet to - feet  
Cable tools were used from 1397 feet to 3048 feet, and from - feet to - feet

## DATES

June 21, 1954 Put to producing June 20, 1954

The production for the first 24 hours was 163 barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Gravity, °Bé. 36.8 60

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

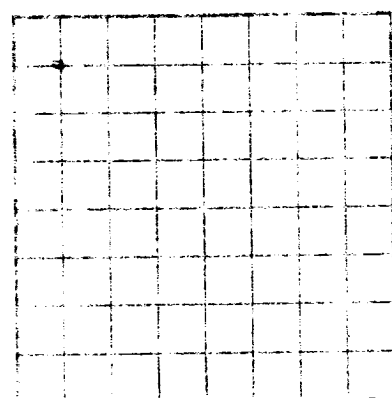
Rock pressure, lbs. per sq. in. -

## EMPLOYEES

R. Henderson, Driller R. Shannon, Driller  
-, Driller -, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                |
|-------|------|------------|--------------------------|
| 0     | 40   | 40         | Caliche and sand         |
| 40    | 975  | 935        | Red Red                  |
| 975   | 1075 | 100        | Red Red and shells       |
| 1075  | 1375 | 300        | Red Red                  |
| 1375  | 1480 | 105        | Red Red and anhydrite    |
| 1480  | 1530 | 50         | Salt and shale           |
| 1530  | 1775 | 245        | Salt                     |
| 1775  | 1845 | 70         | Salt and anhydrite       |
| 1845  | 1995 | 150        | Salt                     |
| 1995  | 2035 | 40         | Potash                   |
| 2035  | 2072 | 37         | Potash and salt          |
| 2072  | 2185 | 113        | Salt and anhydrite       |
| 2185  | 2595 | 410        | Anhydrite and shale      |
| 2595  | 2815 | 220        | Anhydrite                |
| 2815  | 3010 | 195        | Anhydrite and shale      |
| 3010  | 3047 | 37         | Anhydrite                |
| 3047  | 3048 | 1          | ueen Sand                |
|       |      |            | Formation tops           |
|       |      |            | Elevation <u>4418</u> DF |
|       |      |            | Anhydrite <u>1379'</u>   |
|       |      |            | Yates <u>2285'</u>       |
|       |      |            | ueen <u>3047'</u>        |



LOG OF OIL OR GAS WELL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

The information given herewith is a complete and current record of title and all well known persons so far as can be determined from all available records.

Elevation \_\_\_\_\_ ft. [N] of \_\_\_\_\_ line and \_\_\_\_\_ ft. [W] of \_\_\_\_\_

Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ N. \_\_\_\_\_ E. \_\_\_\_\_  
County \_\_\_\_\_ State \_\_\_\_\_

Lessor or Trust \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

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

Continued drilling

19

OIL OR GAS SANDS OR ZONES

|            |    |            |    |
|------------|----|------------|----|
| No. 1 from | to | No. 1 from | to |
| No. 2 from | to | No. 2 from | to |
| No. 3 from | to | No. 3 from | to |

..... to ..... No. 1 from .....  
 ..... to ..... No. 2 from .....

[illegible]

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

[illegible]