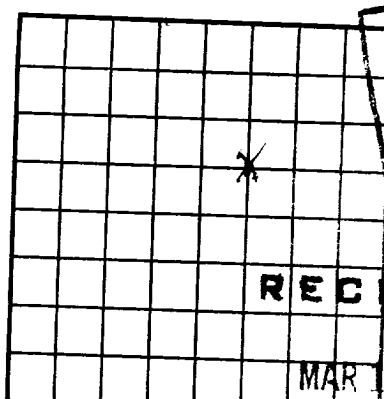


GEOLOGICAL SURVEY  
RECEIVED  
MAR 2 1945U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 029438-B  
LEASE OR PERMIT TO PROSPECT .....UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company O. C. C. Overmiring Address Artesia, New Mexico  
Lessor or Tract Johnson Field Square Lake State New Mexico  
Well No. 4B Sec. 33 T. 16 R. 31 Meridian NMPM County Eddy  
Location 1980 ft. (N.) of N Line and 1980 ft. (W.) of E Line of Sec. 33 Elevation .....

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 J. C. Williams  
Date March 6, 1944 Title Agent

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

Commenced drilling September 16, 1944 Finished drilling December 6, 1944

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3382 to 3385 No. 4, from 3471 to 3480  
No. 2, from 3402 to 3409 No. 5, from ..... to .....  
No. 3, from 3450 to 3460 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 1/2       | 771             | 50               | Halliburton | 10 sacks |              |                     |            |     |         |
| 5 1/2       | 3370            | 100              | Halliburton | 25 sacks |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 1/2       | 771       | 50                     | Halliburton |             | 10 sacks           |
| 5 1/2       | 3370      | 100                    | Halliburton |             | 25 sacks           |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      | NONE       |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from ..... feet to 3675 feet, and from ..... feet to ..... feet  
Cable tools were used from 0 feet to ..... feet, and from ..... feet to ..... feet

## DATES

....., 19..... Put to producing ..... , 19.....

The production for the first 24 hours was 100 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

....., Driller ..... , Driller  
....., Driller ..... , Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION       |
|-------|------|------------|-----------------|
| 0     | 60   | 60         | Sand            |
| 60    | 140  | 80         | Red Shale       |
| 140   | 200  | 60         | Blue Shale      |
| 200   | 550  | 350        | Red Shale       |
| 550   | 690  | 140        | Anhydrite       |
| 690   | 735  | 45         | Red Rock        |
| 735   | 1725 | 990        | Salt            |
| 1725  | 1925 | 200        | Anhydrite       |
| 1925  | 1985 | 60         | Red Shale       |
| 1985  | 1995 | 10         | Anhydrite       |
| 1995  | 2020 | 25         | Red Shale       |
| 2020  | 2040 | 20         | Anhydrite       |
| 2040  | 2100 | 60         | Red Shale       |
| 2100  | 2130 | 30         | Anhydrite       |
| 2130  | 2195 | 65         | Shale           |
| 2195  | 2800 | 605        | Anhydrite       |
| 2800  | 2815 | 15         | Red Sand        |
| 2815  | 3185 | 370        | Anhydrite       |
| 3185  | 3300 | 115        | Lime, Brown     |
| 3300  | 3350 | 50         | Lime and Benite |
| 3350  | 3365 | 15         | Red Shale       |
| 3365  | 3452 | 87         | Lime            |
| 3452  | 3465 | 13         | Sand            |
| 3465  | 3479 | 14         | Sandy Lime      |
| 3479  | 3483 | 4          | Lime            |

FORMATION RECORD—Continued

U.S. LAND OFFICE  
SPECIAL NUMBER  
LEASING OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

RECEIVED

LOCATE WELL CORRECTLY

Company \_\_\_\_\_  
Lessor or Tract \_\_\_\_\_  
Well No. \_\_\_\_\_  
Location \_\_\_\_\_  
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 \_\_\_\_\_ Signed \_\_\_\_\_  
The summary on this page is for the condition of the well at above date.

Commenced drilling \_\_\_\_\_  
Finished drilling \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)  
No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
No. 4 from \_\_\_\_\_ to \_\_\_\_\_  
No. 5 from \_\_\_\_\_ to \_\_\_\_\_  
No. 6 from \_\_\_\_\_ to \_\_\_\_\_  
No. 7 from \_\_\_\_\_ to \_\_\_\_\_  
No. 8 from \_\_\_\_\_ to \_\_\_\_\_  
No. 9 from \_\_\_\_\_ to \_\_\_\_\_  
No. 10 from \_\_\_\_\_ to \_\_\_\_\_

RECEIVED  
GEOLOGICAL SURVEY  
MAR 12 1934  
ALBUQUERQUE, NEW MEXICO

## CASING RECORD

Casing \_\_\_\_\_  
Weight \_\_\_\_\_  
Length \_\_\_\_\_  
Kind of shoe \_\_\_\_\_  
Amount \_\_\_\_\_  
Cut and pulled from \_\_\_\_\_  
To \_\_\_\_\_

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was attached or left in the well, give its size and location. If the well has been dynamited, give date, 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 burning.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 0-7425

## MUDDING AND CEMENTING RECORD

Casing \_\_\_\_\_  
Weight \_\_\_\_\_  
Length \_\_\_\_\_  
Kind of shoe \_\_\_\_\_  
Amount \_\_\_\_\_  
Cut and pulled from \_\_\_\_\_  
To \_\_\_\_\_

## PLUGS AND ADAPTERS

Plugs and adapters \_\_\_\_\_  
Length \_\_\_\_\_  
Depth set \_\_\_\_\_

## SHOOTING RECORD

Shooting \_\_\_\_\_  
Explosive used \_\_\_\_\_  
Quantity \_\_\_\_\_  
Date \_\_\_\_\_  
Depth shot \_\_\_\_\_  
Depth cleaned out \_\_\_\_\_

## TOOLS USED

Tools used \_\_\_\_\_  
Rotary tools were used from \_\_\_\_\_  
Cable tools were used from \_\_\_\_\_

## DATES

Dates \_\_\_\_\_  
Put to producing \_\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_

It gas well, cut ft. per 24 hours \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_  
Emulsion; \_\_\_\_\_  
Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Gravity, sp. gr. \_\_\_\_\_

## EMPLOYEES

Employees \_\_\_\_\_  
Driller \_\_\_\_\_  
Driller \_\_\_\_\_

## FORMATION RECORD

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
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Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
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Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
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Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
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Formation \_\_\_\_\_  
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Formation \_\_\_\_\_  
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Formation \_\_\_\_\_  
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Total feet \_\_\_\_\_  
To \_\_\_\_\_  
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Formation \_\_\_\_\_  
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From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_

Formation \_\_\_\_\_  
Total feet \_\_\_\_\_  
To \_\_\_\_\_  
From \_\_\_\_\_