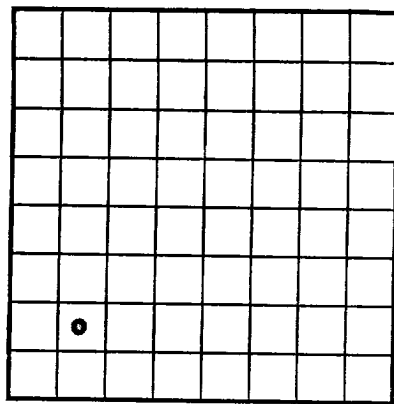


RECEIVED

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 058603  
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Stroup & Yates Oil Company Address 217 Ward Bldg.; Artesia, New Mexico  
Lessor or Tract Ballard "B" Field Loco Hills State New Mexico  
Well No. 3-B Sec. 8 T. 18S R. 29E Meridian N. M. P. M. County Eddy  
Location 990 ft. N. of S Line and 990 ft. E. of W Line of Sec. 8 Elevation 3525 ft.  
(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.

Date July 14, 1941Signed Harvey E. Yates  
Title President

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

Commenced drilling May 20, 1941, 19\_\_\_\_ Finished drilling June 29, 1941, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2140 to 2150 Show O & G No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2444 to 2464 Oil No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 175 to 200 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                      | 24 1/2          |                  |      | 330'   |              |                     |            |     | Salt String |
| 7"                         | 20 1/2          |                  |      | 2291'  |              |                     |            |     | Oil String  |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |        |              |                     |            |     |             |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used             | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------------------|-------------|--------------------|
| 8 5/8       | 330'      | 50                     | International Cementers |             |                    |
| 7"          | 2291'     | 220                    | " "                     |             | 4 tons             |

## 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 |
|------|------------|----------------|----------|--------|----------------|-------------------|
| 7"   |            | Nitro-Glycerin | 160 qts  | 7/3/41 | 2444' to 2466' | 2485'             |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 2485' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing July 1, 19 41

The production for the first 24 hours was 250 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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

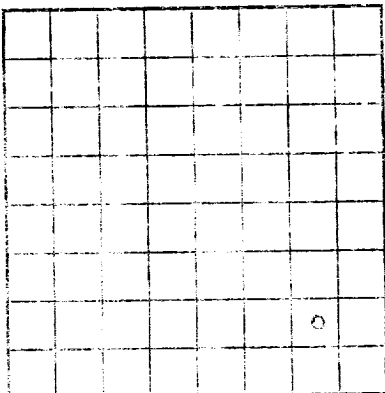
I. A. Hancox, Driller P. A. Hancox, Driller  
Ben M. Ray, Driller Jack Burrows, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION            |
|-------|------|------------|----------------------|
| 0     | 55   | 55         | Caliche              |
| 55    | 100  | 45         | Sand and Gravel      |
| 100   | 175  | 75         | Red Rock             |
| 175   | 200  | 25         | Water Sand           |
| 200   | 325  | 125        | Red Rock             |
| 325   | 720  | 395        | Salt                 |
| 720   | 775  | 55         | Anhydrite            |
| 775   | 800  | 25         | Brown Shale          |
| 800   | 865  | 65         | Anhydrite            |
| 865   | 905  | 40         | Lime                 |
| 905   | 1000 | 95         | Anhydrite            |
| 1000  | 1045 | 45         | Anhydrite & Red Rock |
| 1045  | 1650 | 605        | Anhydrite            |
| 1650  | 1740 | 90         | Shale                |
| 1740  | 1915 | 175        | Anhydrite            |
| 1915  | 1931 | 16         | Red Sand             |
| 1931  | 2040 | 109        | Anhydrite            |
| 2040  | 2070 | 30         | Brown Lime           |
| 2070  | 2080 | 10         | Red Shale            |
| 2080  | 2140 | 60         | Anhydrite            |
| 2140  | 2150 | 10         | Sand                 |
| 2150  | 2160 | 10         | Now of O & G 2140    |
| 2160  | 2170 | 10         | Red Sand             |
| 2170  | 2205 | 35         | Red Sand & Anhydrite |
| 2205  | 2215 | 10         | Anhydrite            |

(OVER)

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

U. S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECT

Company  
Address  
State  
County  
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  
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

No. 1, from  
No. 2, from  
No. 3, from

IMPORTANT WATER SANDS

No. 1, from  
No. 2, from

CASING RECORD

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 pulling.

HISTORY OF OIL OR GAS WELL

| Casing | Size | Weight | Length | Remarks |
|--------|------|--------|--------|---------|
|        |      |        |        |         |
|        |      |        |        |         |
|        |      |        |        |         |
|        |      |        |        |         |

PLUGS AND ADAPTERS

Having plug  
Adapters—Material

SHOOTING RECORD

| Size | Weight | Length | Remarks |
|------|--------|--------|---------|
|      |        |        |         |
|      |        |        |         |
|      |        |        |         |
|      |        |        |         |

TOOLS USED

Heavy tools used from  
Light tools used from

DATES

But no producing  
The production for the first 24 hours was  
It was well, but no production for 24 hours  
Block pressure for 24 hours

FORMATION RECORD

| FORMATION              | TO   | TOTAL FEET | FROM |
|------------------------|------|------------|------|
| Grey Limestone         | 2230 | 15         | 2215 |
| Brown & Grey Limestone | 2255 | 25         | 2230 |
| Grey Limestone         | 2340 | 85         | 2255 |
| White Limestone        | 2390 | 50         | 2340 |
| Grey & Brown Limestone | 2400 | 10         | 2390 |
| Grey Limestone         | 2430 | 30         | 2400 |
| Limestone              | 2437 | 7          | 2430 |
| Sand                   | 2450 | 13         | 2437 |
| Grey Limestone         | 2485 | 35         | 2450 |
| Total Depth            |      |            | 2450 |