

U. S. LAND OFFICE **Lad Cruces**  
SERIAL NUMBER **LC 032450 (b)**  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**Courtland Myers Permit**  
UNITED STATES **U. S. 313**

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

COPY TO C. O. C. HOUSE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **R. OLSEN OIL COMPANY** Address **Box 691 - Jal, New Mexico**  
Lessor or Tract **Courtland Myers** Field **Jalmat** State **New Mexico**  
Well No. **2** Sec. **5** T. **24S** R. **37E** Meridian **N.M.P.M.** County **Lea**  
Location **660 ft. [N.] of S Line and 990 ft. [E.] of W Line of Section 5** Elevation **3316**  
**(Derive 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 **Seaway Watson**

Date **November 19, 1954** Title **Geological Engineer**

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

Commenced drilling **10-3**, 19 **54** Finished drilling **11-1**, 19 **54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3107½** to **3113½** **G** No. 4, from **3146** to **3152** **G**  
No. 2, from **3115** to **3118** **G** No. 5, from **3455** to **3561** **Oil**  
No. 3, from **3125** to **3140** **G** 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—          |                   |
| <b>10 3/4</b> | <b>32#</b>      | <b>8 Vee</b>     | <b>German</b> | <b>383'</b>  | <b>Howco</b> | <b>-</b>            | <b>3107½</b> | <b>3113½</b> | <b>Surface</b>    |
| <b>7"</b>     | <b>23#</b>      | <b>8 rd</b>      | <b>German</b> | <b>3440'</b> | <b>Howco</b> | <b>-</b>            | <b>3115</b>  | <b>3118</b>  | <b>Oil String</b> |
|               |                 |                  |               |              |              |                     | <b>3125</b>  | <b>3140</b>  |                   |
|               |                 |                  |               |              |              |                     | <b>3146</b>  | <b>3152</b>  |                   |

MUDDING AND CEMENTING RECORD

| Size casing   | Where set   | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|---------------|-------------|------------------------|--------------|-------------|--------------------|
| <b>10 3/4</b> | <b>301</b>  | <b>250</b>             | <b>Howco</b> |             |                    |
| <b>7"</b>     | <b>3455</b> | <b>350</b>             | <b>Howco</b> |             |                    |

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 **3561** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_, 19 \_\_\_\_\_ Put to producing **11-1**, 19 **54**

The production for the first 24 hours was **168** barrels of fluid of which **100** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. **35.4**

If gas well, cu. ft. per 24 hours **1,780 MCF** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

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

EMPLOYEES

**C. O. Hackleman**, Driller **L. C. Robertz**, Driller

**C. J. Jacobs**, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                             |
|-------------|-------------|------------|---------------------------------------|
| <b>2750</b> | <b>2780</b> | <b>30</b>  | <b>Anhy - shale</b>                   |
| <b>2780</b> | <b>2870</b> | <b>90</b>  | <b>Brown lime - shale - anhy</b>      |
| <b>2870</b> | <b>2900</b> | <b>30</b>  | <b>Lime - sand - shale</b>            |
| <b>2900</b> | <b>3010</b> | <b>101</b> | <b>Sand - Lime - Shale</b>            |
| <b>3010</b> | <b>3060</b> | <b>50</b>  | <b>Sandy lime - sand shale</b>        |
| <b>3060</b> | <b>3070</b> | <b>10</b>  | <b>Sand &amp; sandy shale</b>         |
| <b>3070</b> | <b>3140</b> | <b>70</b>  | <b>Lime - sandy shale - sand</b>      |
| <b>3140</b> | <b>3160</b> | <b>20</b>  | <b>Limy sand - sand</b>               |
| <b>3160</b> | <b>3435</b> | <b>275</b> | <b>Lime little sand</b>               |
| <b>3435</b> | <b>3456</b> | <b>21</b>  | <b>Lime - sand stringers</b>          |
| <b>3456</b> | <b>3462</b> | <b>6</b>   | <b>Dolo - Bent sand</b>               |
| <b>3462</b> | <b>3475</b> | <b>13</b>  | <b>Dolo</b>                           |
| <b>3475</b> | <b>3497</b> | <b>22</b>  | <b>Bent. Sand - Dolo</b>              |
| <b>3497</b> | <b>3514</b> | <b>17</b>  | <b>Dolo</b>                           |
| <b>3514</b> | <b>3561</b> | <b>47</b>  | <b>Bent. sand with dolo stringers</b> |

**TOTAL FEET**

## FORMATION

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

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