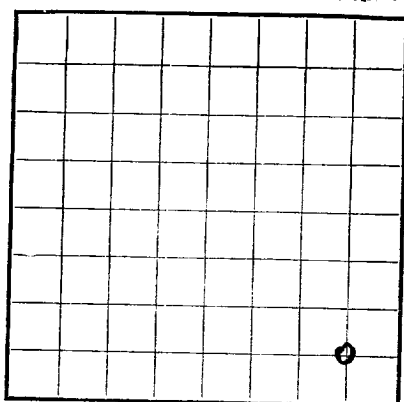




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**  
SERIAL NUMBER **NM-0766**  
LEASE OR PERMIT TO PROSPECT  
**Carlson**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **R. Olsen** Address **Jal, New Mexico (Drawer Z)**  
Lessor or Tract **Carlson** Field **Langlie-Mattix** State **N. Mex.**  
Well No. **3** Sec **23** T **25S** R. **37E** Meridian **NMPM** County **LEA**  
Location **660** ft. **N.** of **S.** Line and **660** ft. **E.** of **E.** Line of Section Elevation **3073.6**  
(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 \_\_\_\_\_

Date **July 24, 1957**Title **A.P. G.**

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

Commenced drilling **May 24**, 19**57** Finished drilling **6-10**, 19**57**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2295** to **2530** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **2530** to **2970** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **2970** to **3173 0** 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>9 5/8</b> | <b>36</b>       | <b>8</b>         | <b>304</b>  | <b>Hallib.</b> |              |                     |            |     | <b>Surface</b>    |
| <b>7</b>     | <b>29</b>       | <b>8</b>         | <b>2940</b> | <b>Hallib.</b> |              |                     |            |     | <b>Old casing</b> |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used            | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|------------------------|-------------|--------------------|
| <b>9 5/8</b> | <b>304</b>  | <b>300</b>             | <b>Pump &amp; Plug</b> |             |                    |
| <b>7</b>     | <b>2940</b> | <b>600 on bottom</b>   | <b>"</b>               |             |                    |
|              |             | <b>100 D.V. tool</b>   | <b>"</b>               |             |                    |
|              |             | <b>994</b>             | <b>"</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 |
|--------------------|--------------------------------|--------------------------------|----------|------|------------|-------------------|
| <b>5</b>           | <b>frac open hl.</b>           | <b>interval 2940' to 3173'</b> |          |      |            |                   |
| <b>10,000 gal.</b> | <b>lease oil 10,000/ sand.</b> |                                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to **3173** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% 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. **20,750 MCF**

## EMPLOYEES

**Orhison** \_\_\_\_\_, Driller **Tidwell** \_\_\_\_\_, Driller  
**Antee** \_\_\_\_\_, Driller **Ellis Fusher** \_\_\_\_\_, Driller

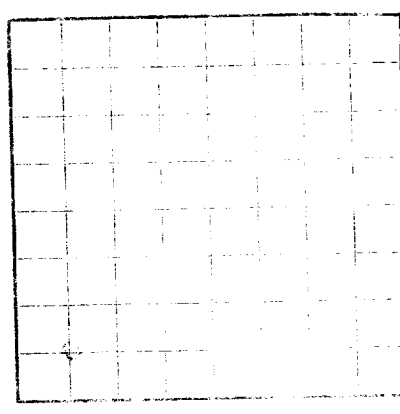
## FORMATION RECORD

| FROM—       | TO—              | TOTAL FEET | FORMATION                                         |
|-------------|------------------|------------|---------------------------------------------------|
| <b>1120</b> | <b>1253</b>      | <b>133</b> | <b>Anhydrite</b>                                  |
| <b>1253</b> | <b>2135</b>      | <b>882</b> | <b>Salt with potash &amp; anhydrite stringers</b> |
| <b>2135</b> | <b>2295</b>      | <b>160</b> | <b>Brown Dolo. &amp; Anhy.</b>                    |
| <b>2295</b> | <b>2530</b>      | <b>245</b> | <b>Shale-Lime-sand</b>                            |
| <b>2530</b> | <b>2970</b>      | <b>440</b> | <b>Dolo.</b>                                      |
| <b>2970</b> | <b>3172 T.D.</b> | <b>202</b> | <b>Sand with Dolo. stringers</b>                  |
|             |                  |            | <b>E.L. TOPS</b>                                  |
|             |                  |            | <b>T Anhy. - - - 1120'</b>                        |
|             |                  |            | <b>T X - - - - 1253'</b>                          |
|             |                  |            | <b>B X - - - - 2135'</b>                          |
|             |                  |            | <b>T gates - - - 2295'</b>                        |
|             |                  |            | <b>Top 7 Riv. - - 2530'</b>                       |
|             |                  |            | <b>T Queen - - - 2970'</b>                        |

LOG OF OIL OR GAS WELL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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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 \_\_\_\_\_  
\_\_\_\_\_  
Location \_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_ B 377 Meridian \_\_\_\_\_ County \_\_\_\_\_  
Lessor or Land Owner \_\_\_\_\_ State of \_\_\_\_\_  
Company \_\_\_\_\_ Address \_\_\_\_\_

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

Date July 24, 1957

Title

OIL OR GAS SANDS OR LONES

OIL OR GAS SANDS OR LONES

|                 |    |                 |
|-----------------|----|-----------------|
| No. 1 from 1875 | to | No. 4 from 1875 |
| No. 2 from 1875 | to | No. 5 from 1875 |
| No. 3 from 1875 | to | No. 6 from 1875 |

IMPORTANT WATER SANDS

No. 3 from \_\_\_\_\_  
No. 4 from \_\_\_\_\_

## CASING RECORD

| Weight<br>per foot | Threads per<br>inch | Make | Amount | Kind of shoe (Cut and pulled from) | Estimated<br>From | Purpose |
|--------------------|---------------------|------|--------|------------------------------------|-------------------|---------|
|                    |                     |      |        |                                    |                   |         |

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 pings 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

16-48004-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]