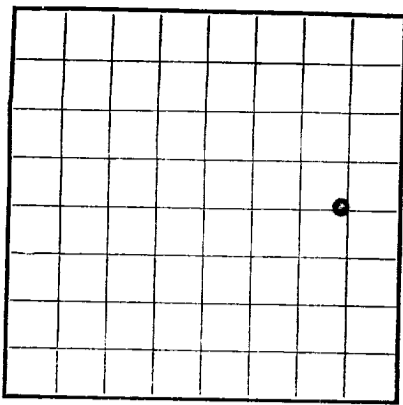


U. S. LAND OFFICE **New Mexico**   
 SERIAL NUMBER **NM-0766**   
 LEASE OR PERMIT TO PROSPECT **Carlson**



LOCATE WELL CORRECTLY

UNITED STATES   
 DEPARTMENT OF THE INTERIOR   
 GEOLOGICAL SURVEY

RO-761, #2   
**LOG OF OIL OR GAS WELL**

Company **R. OLSEN** Address **DRAWER "Z" JAL., NEW MEXICO**   
 Lessor or Tract **CARLSON** Field **Langlie-Mattix** State **New Mexico**   
 Well No. **2** Sec. **26** T. **25S** R. **37E** Meridian **NMPM** County **Lea, N.M.**   
 Location **1980** ft. <sup>**XI**</sup> of **N** Line and **660** ft. <sup>**XI**</sup> of **E** Line of **Sec. 26** Elevation **3062.9**   
(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 *J. M. Payne*   
 Date **5-20-57** Title \_\_\_\_\_

The summary on this page is for the condition of the well at above date.   
 Commenced drilling **4-6-57**, 19\_\_\_\_ Finished drilling **4-15-57**, 19\_\_\_\_

**OIL OR GAS SANDS OR ZONES**   
(Denote gas by G)

No. 1, from **2310** to **2575** No. 4, from \_\_\_\_\_ to \_\_\_\_\_   
 No. 2, from **2575** to **2808 G** No. 5, from \_\_\_\_\_ to \_\_\_\_\_   
 No. 3, from **2808** to **3191 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>8 5/8 24#</b>		<b>8rd. Thd.</b>	<b>L.S.</b>	<b>293'</b>	<b>Hallib.</b>				<b>Surface</b>
<b>5 1/2 15#</b>		<b>8rd. Thd.</b>	<b>L.S.</b>	<b>3191'</b>	<b>Hallib.</b>				<b>Oil string</b>

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>8 5/8"</b>	<b>295'</b>	<b>225 sks.</b>	<b>Pump</b>		
<b>5 1/2"</b>	<b>3191'</b>	<b>300 sks.</b>	<b>2 stage</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 1/2"</b>	<b>Perforated</b>	<b>4 shots per ft.</b>			<b>3020' - 3070'</b>	
					<b>3088' - 3190'</b>	

**Sand-free perforations down tubing and casing w/10,000 gal. lease oil & 10,000# sand.**

Rotary tools were used from **0** feet to **3191'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet   
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**   
 Waiting for El Paso Nat. Gas Co. to test & pipe line connections, 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 **30,000,000** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_   
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**   
**Byrd** \_\_\_\_\_, Driller **Tidwell** \_\_\_\_\_, Driller   
**Orbison** \_\_\_\_\_, Driller **L. Ellis, Pusher** \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
<b>2160</b>	<b>2310</b>	<b>150'</b>	<b>Br tan Dolomite &amp; Anhy.</b>
<b>2310</b>	<b>2808</b>	<b>498'</b>	<b>T-wt-gr Dolo. LS/thin sand &amp; shale stringers</b>
<b>2808</b>	<b>2950</b>	<b>142'</b>	<b>T-gr-wt Dolo. LS w/sand stringers</b>
<b>2950</b>	<b>3200</b>	<b>250</b>	<b>gr tan sand w/dolo. stringers</b>

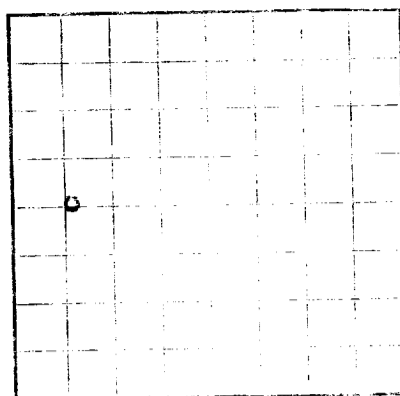
**Geological Tops:**

Base salt	2160'
T Yates	2310'
T 7 Rivers	2575'
T Queen	2808'

U.S. LAND OFFICE  
BUREAU OF LAND MANAGEMENT  
LEARN OR PARTNER TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Name: ...  
Lessor or Owner: ...  
Well No.: ...  
Location: ...  
The information given herewith is a complete and correct record of the well and all work done thereon and has been determined from all available records.

Signed: *[Signature]*  
Date: 2-20-27

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

Completed drilling: 2-20-27

OIL OR GAS SANDS OR ZONES

Table with 3 columns: No. of feet, From, To. Rows 1, 2, 3.

IMPORTANT WATER SANDS

Table with 3 columns: No. of feet, From, To. Rows 1, 2.

CASING RECORD

Table with columns: State, Weight per foot, Make, Amount, Kind of pipe, Cut and pulled from, Formed to, 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 doing so and the results. If there were any changes made in the casing, state fully, and if any casing was dretched, 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 barring.

HISTORY OF OIL OR GAS WELL

Main data table with columns: FROM, TO, TOTAL FEET, FORMATION. Includes sections for SHOOTING RECORD, TOOLS USED, DATES, and REMARKS.