



**RECEIVED** UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company **John H. Trigg** Address **P. O. Box 5629 Roswell, New Mexico**  
Lessor or Tract **Federal "G"** Field **Square Lake** State **New Mexico**  
Well No. **4-31** Sec. **31** T. **16S** R. **30E** Meridian **N.M.P.M.** County **Eddy**  
Location **660** ft. [S] of N Line and **1937.9** ft. [E] of W Line of Sec. **31** Elevation **3716**  
(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 **August 14, 1959** Signed **Hugh W. Pickett** Title **Geologist**

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

Commenced drilling **June 28**, 19**59** Finished drilling **July 31**, 19**59**

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

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from **400** to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **2010** to **2040** 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>33</b>	<b>4</b>	<b>J-55</b>	<b>550</b>	<b>Tex. Pat.</b>	<b>All Pulled</b>			
<b>8 5/8</b>	<b>28</b>	<b>4</b>	<b>J-55</b>	<b>250</b>	<b>Tex. Pat.</b>	<b>All Pulled</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>564</b>	<b>75</b>	<b>Pump</b>		
<b>8 5/8</b>	<b>2062</b>		<b>Pump</b>	<b>Heavy</b>	<b>25 sq gal</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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **0** feet to **2866** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**August 14**, 19**59** **Plugged & Abandoned**  
**Back to producing** **August 1**, 19**59**

The production for the first 24 hours was **0** 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. \_\_\_\_\_

**EMPLOYEES**

**D. E. Wood**, Driller **J. C. Triplehorn**, Driller  
**A. F. Pruitt**, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	275	275	Red sand & shale
275	560	285	Anhydrite & shale
560	1000	440	Salt-some potash & anhydrite
1000	1180	180	Anhydrite - salt & shale breaks
1180	1225	45	Red sand & shale
1225	2010	785	Anhydrite, with sand, shale & lime breaks
2010	2055	45	Red sand & shale - H.F.W.
2055	2415	360	Anhydrite, with sand, shale & lime breaks
2415	2730	315	Lime, with sand & anhydrite breaks
2730	2765	35	Sand & shale
2765	2850	85	Lime
2850	2863	13	Sand
2863	2866	3	Lime
	<b>2866' T. D.</b>		
<b>Summary Sample Tops:</b>		<b>T. Salt 555'</b>	<b>Grayburg 2415'</b>
		<b>B. Salt 995'</b>	<b>Premier 2732'</b>
		<b>Yates 1180'</b>	<b>San Andres 2766'</b>
		<b>Queen P. 2010'</b>	<b>Livingston Sand 2850'</b>

1 - Copy to Santa Fe

