

**GEOLOGICAL DEPARTMENT  
SOUTHWESTERN GAS COMPANY**

INDEPENDENCE, KANSAS

Company **Hale Gas Company**

S. T. R. **5-28-17**  
County **Wilson**  
State **Kansas**  
Lease and Well No. **Carlston #3**

Contractor **C. A. George**

Drilling Commenced

Drilling Completed

**Aug. 15, 1912**

Initial Production

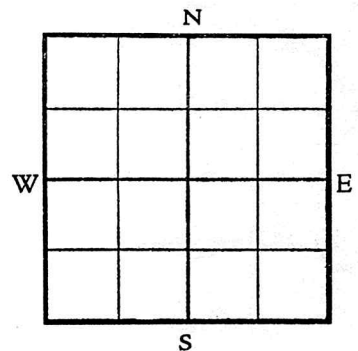
**500,000**

Initial Rock Pressure

Location

Casing

<b>10"</b>	<b>12'</b>
<b>6 1/2"</b>	<b>350'</b>
<b>4 7/8"</b>	<b>894'</b>
<b>2"</b>	<b>925'</b>
<b>1"</b>	<b>920'</b>



Driller's Record of Formations

**casing pulled and well plugged  
4/27/14**

lime	65	443
shale	10	453
sand	12	465
shale	175	640
lime	40	680
shale	12	692
lime	20	712
shale	15	727
lime	10	737
shale	110	847
sand	20	867
coal	8	875
shale	12	887
stray	5	892
shale	27	919
gas sand	6	925