**WELL PLUGGING RECORD**

Graham County, Sec. 12 Twp. 78 Rng. 21W (E)  
Location as "NE/CNW/WSW" or footage from lines 100'  
Lease Owner: Imperial Oil of Kansas, Inc.  
Lease Name: Neu     Well No. 1  
Office Address: 780 Fourth National Bldg., Wichita 2, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole): Dry Hole  
Date well completed: September 3 19-58  
Application for plugging filed: September 3 19-58  
Application for plugging approved: September 3 19-58  
Plugging commenced: September 3 19-58  
Plugging completed: September 3 19-58  
Reason for abandonment of well or producing formation: No commercial quantities of oil found.  
If a producing well is abandoned, date of last production:  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes.  
Name of Conservation Agent who supervised plugging of this well: A. D. Fabricius, Hill City, Kansas  
Producing formation: Depth to top: Bottom: Total Depth of Well: 3705 Feet  
Show depth and thickness of all water, oil and gas formations.  

### OIL, GAS OR WATER RECORDS

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>CONTENT</th>
<th>FROM</th>
<th>TO</th>
<th>--SIZE--</th>
<th>PUT IN</th>
<th>PULLED OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8-5/8&quot;</td>
<td>8-22-58</td>
<td></td>
</tr>
</tbody>
</table>

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

- Set No. 1 plug at 550' with 25 sacks cement; Set No. 2 plug at 180' with 15 sacks cement. Set No. 3 plug at 40' with 10 sacks cement.

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor: Imperial Oil of Kansas, Inc.  
Address: 780 Fourth National Bldg., Wichita 2, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK  
Raymond L. Bacon (employee of IMPERIAL OIL OF KANSAS, INC.) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me GOD IMPERIAL OIL OF KANSAS, INC.  
(Signature) By: [Signature] V.P.  
780 Fourth National Bldg., Wichita 2, Kansas  
Subscribed and Sworn to before me this 15th day of September 1958  
Mona L. Latier  
My commission expires: July 7, 1962  
Notary Public.
DRILLER'S LOG

Imperial Oil of Kansas, Inc.
780 Fourth National Building
Wichita 2, Kansas

Neu No. 1
100' So. of SW SW SW Sec. 12-7S-21W
Graham County, Kansas

Total Depth: 3705'
Commenced: 8-22-58 Completed: 9-3-58
Elevation: 2156' RB
Production: D & A

Contractor: Imperial Oil of Kansas, Inc.
Wichita 2, Kansas

Casing Record: Set 8-5/8" Surface Pipe at 184' with 150 sacks cement.

Figures indicate bottom of formations:

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Sand &amp; Clay</td>
<td>184'</td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>1295'</td>
</tr>
<tr>
<td>Dakota Sand</td>
<td>1500'</td>
</tr>
<tr>
<td>Shale &amp; Shells</td>
<td>1756'</td>
</tr>
<tr>
<td>Anhydrite</td>
<td>1788'</td>
</tr>
<tr>
<td>Red Bed &amp; Shale</td>
<td>1855'</td>
</tr>
<tr>
<td>Shale &amp; Shells</td>
<td>2460'</td>
</tr>
<tr>
<td>Shale &amp; Lime</td>
<td>3285'</td>
</tr>
<tr>
<td>Lime</td>
<td>3625'</td>
</tr>
<tr>
<td>Lime &amp; Sand</td>
<td>3637'</td>
</tr>
<tr>
<td>Lime</td>
<td>3705'</td>
</tr>
<tr>
<td>Total Depth</td>
<td>3705'</td>
</tr>
</tbody>
</table>

TOPS
Anhydrite 1756' (-400)
Heebner 3346' (-1193)
Toronto 3370' (-1217)
Lansing 3385' (-1232)
Weathered Pre-Cambrian 3648' (-1495)
Rotary Total Depth 3705' (-1552)

We hereby certify this to be a correct and accurate log of the above described well as shown on the daily drilling reports.

IMPERIAL OIL OF KANSAS, INC.

By: [Signature]
Vice-President

Subscribed and sworn to before me this 10th day of September, 1958.

My Commission Expires:

July 7, 1962

[Signature]
Notary Public