WELL PLUGGING RECORD

Graham County, Sec. 17 Twp. 7S Rge. 22W (E) (W)
Location as "NE/CNWSNW" or footage from lines C SE SE
Lease Owner: Imperial Oil of Kansas, Inc.
Lease Name: Worcester "A"
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 19th 1959
Application for plugging filed: September 19th 1959
Application for plugging approved: September 19th 1959
Plugging commenced: September 19th 1959
Plugging completed: September 19th 1959
Reason for abandonment of well or producing formation: No commercial quantities of oil found.

If a producing well is abandoned, date of last production: 19
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: Mr. A. D. Fabricius
Producing formation: Depth to top: Bottom: Total Depth of Well: 3790 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>222'</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 bottom plug at 550' with 25 sacks of cement;
Set next plug at 250 feet with 15 sacks of cement;
Set top plug at 40 feet with 10 sacks of cement.

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

STATE OF KANSAS, COUNTY OF SEWICK
R. L. Bacon (employee of operator) 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.

(Signature): V-P
780 Fourth National Bldg., Wichita 2, Kansas

SUBSCRIBED AND SWORN to before me this 18th day of January 1960

(Merle L. Bates) Notary Public.

My commission expires: July 7, 1962
DRILLER'S LOG

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

Worcester "A" No. 1
C SE SE Sec. 17-7S-22W
Graham County, Kansas

Total Depth: 3790'

Elevation: 2360' R.B.
Production: D & A

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

Casing Record: Set 8-5/8" Surface Pipe at 222' with 200 sacks cement.

Figures indicate bottom of formations:

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth</th>
<th>TOPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand &amp; Shale</td>
<td>1530'</td>
<td>Anhydrite</td>
</tr>
<tr>
<td>Dakota Sand</td>
<td>1730'</td>
<td>Ft. Riley</td>
</tr>
<tr>
<td>Shale &amp; Red Bed</td>
<td>1983'</td>
<td>Heebner</td>
</tr>
<tr>
<td>Anhydrite</td>
<td>2015'</td>
<td>Toronto</td>
</tr>
<tr>
<td>Shale &amp; Shells</td>
<td>2130'</td>
<td>Lansing</td>
</tr>
<tr>
<td>Shale</td>
<td>2300'</td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Lime</td>
<td>2640'</td>
<td>Rotary Total Depth</td>
</tr>
<tr>
<td>Lime</td>
<td>2730'</td>
<td>3790' (1430)</td>
</tr>
<tr>
<td>Lime &amp; Shale</td>
<td>3520'</td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td>3790'</td>
<td></td>
</tr>
<tr>
<td>Total Depth</td>
<td>3790'</td>
<td></td>
</tr>
</tbody>
</table>

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 6th day of October, 1959.

My Commission Expires:

July 7, 1962

Mona L. Latier-Notary Public