WELL PLUGGING RECORD

Barber County, Sec. 7 Twp. 31S Rge. 14W
Location 20" SW4SW of the above described well, being 1st line from corners of SE SW NE
EC SW NE
Lease Owner: National Crude, Inc.
Lease Name: Thunderbird Ranch NE
Well No.: 1
Office Address: 7701 E. Kellogg-Suite 540, Wichita, KS
Character of Well (Completed as Oil, Gas or Dry Hole): 67207

Dry Hole
Date Well completed: March 4, 1978
Application for plugging filed: Verbal Application
Application for plugging approved: Verbal Approval
Plugging commenced: March 4, 1978
Plugging completed: March 4, 1978
Reason for abandonment of well or producing formation:

If a producing well is abandoned, date of last production: Yes
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: Wm. T. Owen
Producing formation: Depth to top 202', Bottom 203', Total Depth of Well 4,629'
Show depth and thickness of all water, oil and gas formations:

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>RECEIVED</th>
<th>FROM</th>
<th>TO</th>
<th>SIZE</th>
<th>1'-UP IN</th>
<th>Filled Out</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 15 1978</td>
<td>10-3/4</td>
<td>216</td>
<td>None</td>
<td></td>
<td></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.

Filled hole with heavy rotary mud from 3,120 ft. (rotary total depth) to 1110 ft. Set plug at 1110 ft. and cemented with 50 sacks cement. Filled hole with heavy rotary mud from 1110 ft. to 40 ft. Set solid plug at 40 ft. and cemented to collar with 10 sacks cement, 3 sacks cement in rat hole.

Plugging operations accomplished utilizing Halliburton Oil Well cementing pump truck through 4 1/2 inch drill pipe.

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

Name of Plugging Contractor: Halliburton Services, Inc.
410 Union Center Bldg., Wichita, Kansas 67202

STATE OF Kansas  COUNTY OF Sedgwick, SS.

[Signature]
Dean Britting, Agent
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)
Wm. T. Owen

Address: 200 N. Main, Wichita, Kansas 67202

Subscribed and sworn to before me this 13th day of March, 1978

Elaine W. Miller - Notary Public.

Company: National Crude, Inc.

Farm: Thunderbird Ranch, No. 1

Total Depth: 4,629 ft

Comm. Feb 20, 1978

Comp. March 4, 1978

Contractor: H-30, Inc.

Issued: March 13, 1978

Casing:
- 10 - 3/4" 216° cemented w/200 sxs cement

Elevation: 1,648 ft.

FIGURES INDICATE BOTTOM OF FORMATIONS

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand and Shale</td>
<td>75'</td>
</tr>
<tr>
<td>Shale and Red Bed</td>
<td>1,070'</td>
</tr>
<tr>
<td>Shale</td>
<td>1,670'</td>
</tr>
<tr>
<td>Shale and Sand</td>
<td>1,730'</td>
</tr>
<tr>
<td>Lime and Shale</td>
<td>1,990'</td>
</tr>
<tr>
<td>Shale and Lime</td>
<td>3,100'</td>
</tr>
<tr>
<td>Lime and Shale</td>
<td>3,520'</td>
</tr>
<tr>
<td>Shale and Lime</td>
<td>3,740'</td>
</tr>
<tr>
<td>Lime and Shale</td>
<td>4,165'</td>
</tr>
<tr>
<td>Shale and Lime</td>
<td>4,350'</td>
</tr>
<tr>
<td>Lime and Shale</td>
<td>4,440'</td>
</tr>
<tr>
<td>Shale and Lime</td>
<td>4,450'</td>
</tr>
<tr>
<td>Lime and Shale</td>
<td>4,545'</td>
</tr>
<tr>
<td>Shale and Lime</td>
<td>4,629'</td>
</tr>
<tr>
<td>Rotary Total Depth</td>
<td>4,629'</td>
</tr>
</tbody>
</table>

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, INC.

[Signature]

Dean Britting

State of Kansas

County of Sedgwick

Subscribed and Sworn to before me a Notary Public in and for said county and state this 13th day of March, 1978.

[Signature]

Elsie Williamson - Notary Public

My Commission Expires:

June 30, 1978