WELL PLUGGING RECORD

Rawlins County, Sec. 12, Twp. 1, Rge. 34.

Location as "NW 1/4 NW 1/4 SW 1/4 SW 1/4".

Lease Name: Horinek, Well No.: 2.
Office Address: 650 4th Natl. Bank Bldg., Wichita, Kansas 67202.
Character of Well: (completed as Oil, Gas or Dry Hole).

Date well completed: September 29.
Application for plugging filed: September 29.
Application for plugging approved: September 29.
Plugging commenced: September 29.
Plugging completed: September 29.
Reason for abandonment of well or producing formation: Dry Hole.

If a producing well is abandoned, date of last production: September 29.
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: W. L. Nichols, Morland, Kansas.
Producing formation: Depth to top: Bottom: Total Depth of Well: 4275 Feet.

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.

Plug set at 600' with 20 sacks cement.
Plug set at 240' with 20 sacks cement.
Plug set at 40' with 10 sacks cement.

State of KANSAS, County of SEDGWICK, ss.

Dan J. Kornfeld, (owner or 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) Dan J. Kornfeld
650 4th Natl. Bank Bldg., Wichita, Kansas 67202

My commission expires September 14, 1968
Sandra Kay Peer
Notary Public.

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 DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface - Shale</td>
<td>0</td>
<td>280</td>
<td>8 1/8&quot;</td>
<td>259'</td>
<td></td>
</tr>
</tbody>
</table>

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

**COMPANY:** Empire Drilling Company

**CONTRACTOR:** Empire Drilling Company

**FARM:** Horinek "B" #2

**LOCATION:** NW SW Section 12-1-34W, Rawlins County, Kansas

**COMMENCED:** September 19, 1966

**COMPLETED:** September 29, 1966

**ELEVATION:** 3097 KB

**POTENTIAL:** D & A

---

<table>
<thead>
<tr>
<th>0</th>
<th>to</th>
<th>280</th>
<th>Surface-Shale</th>
</tr>
</thead>
<tbody>
<tr>
<td>820</td>
<td>to</td>
<td>1020</td>
<td>Shale &amp; Bentonite</td>
</tr>
<tr>
<td>1020</td>
<td>to</td>
<td>2145</td>
<td>Shale</td>
</tr>
<tr>
<td>2145</td>
<td>to</td>
<td>2430</td>
<td>Gypsum &amp; Pyrite</td>
</tr>
<tr>
<td>2430</td>
<td>to</td>
<td>2520</td>
<td>Pyrite-Sand-Shale</td>
</tr>
<tr>
<td>2520</td>
<td>to</td>
<td>2670</td>
<td>Shale &amp; Gypsum</td>
</tr>
<tr>
<td>2670</td>
<td>to</td>
<td>2737</td>
<td>Shale &amp; Shells</td>
</tr>
<tr>
<td>2737</td>
<td>to</td>
<td>2752</td>
<td>Blaine Gypsum</td>
</tr>
<tr>
<td>2752</td>
<td>to</td>
<td>2941</td>
<td>Redbed</td>
</tr>
<tr>
<td>2941</td>
<td>to</td>
<td>2976</td>
<td>Anhydrite</td>
</tr>
<tr>
<td>2976</td>
<td>to</td>
<td>3260</td>
<td>Shale</td>
</tr>
<tr>
<td>3260</td>
<td>to</td>
<td>4275</td>
<td>Shale &amp; Lime</td>
</tr>
<tr>
<td>4275</td>
<td></td>
<td></td>
<td>Rotary Total Depth</td>
</tr>
</tbody>
</table>

**SET:** 259' of 8 5/8" with 135 sacks cement.

**SCHLUMBERGER ELECTRIC LOG TOPS:**

- Anhydrite: 2941 +156
- Base Anhydrite: 2976 +121
- Wabaunsee: 3628 -531
- Topeka: 3794 -697
- Deer Creek: 3842 -743
- Oread: 3914 -817
- Base Leavenworth: 3961 -864
- Douglas Sand: 3968 -871
- Lansing: 4002 -905
- Sandy Zone: 4023 -926
- Base Kansas City: 4258 -1161
- Total Depth: 4275 -1179

---

**CERTIFICATION**

I, Dan J. Kornfeld, do hereby certify that the above and foregoing is a true and correct copy of the log on the Horinek "B" #2, NW SW Section 12-1-34W, Rawlins County, Kansas, as reflected by the files of Empire Drilling Company.

[Signature]

Dan J. Kornfeld

Subscribed and sworn to before me, a Notary Public, within and for Sedgwick County, Kansas, this 11th day of October, 1966.

[Signature]

Sandra Kay Peer, Notary Public

My commission expires September 14, 1968.