WELL PLUGGING RECORD

Resaulns County, Sec. 5 Township 32 Range NWSE

Location as "NE/CNW/SW" or footage from lines NW SE

Lease Owner Empire Drilling Company

Lease Name Wick Well No. 1

Office Address: 650 Fourth Natl. Bank Bldg., Wichita 2, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed December 16, 1963

Application for plugging filed December 16, 1963

Application for plugging approved December 16, 1963

Plugging commenced December 16, 1963

Plugging completed December 16, 1963

Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production 1963

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 224' Bottom 224' Total Depth of Well 4150 Feet

Show depth and thickness of all water, oil and gas formations.

<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>Surface</td>
<td>- Shale &amp; Shells</td>
<td>0</td>
<td>224'</td>
<td>8 5/8&quot;</td>
<td>224'</td>
<td>-0-</td>
</tr>
<tr>
<td></td>
<td>Sand &amp; Clay</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</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 plug at 600' with 20 sacks cement.
Set plug at 190' with 20 sacks cement.
Set plug at 40' with 10 sacks cement.

Name of Plugging Contractor Empire Drilling Company

Address: 650 Fourth National Bank Bldg., Wichita 2, Kansas

STATE OF Kansas COUNTY OF Sedgwick

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 650th Natl. Bank Bldg., Wichita 2, Kansas

Address: 650 4th Natl. Bank Bldg., Wichita 2, Kansas

My commission expires October 21, 1966.

[Signature] Lucille H. Harr Notary Public.
LOG
15-153-30005-00-00

COMPANY: Empire Drilling Company
CONTRACTOR: Empire Drilling Company
FARM: Wicke #1
LOCATION: NW SE Section 5-1-32, Rawlins County, Kansas
COMMENCED: December 5, 1963
COMPLETED: December 10, 1963
ELEVATION: 2930 KB
POTENTIAL: D & A

0 to 75 Surface - Shale & Shells
75 to 180 Sand & Clay
180 to 224 Blue Shale
224 to 700 Shale
700 to 1975 Shale - Sand
1975 to 2175 Shale - Gypsum
2175 to 2256 Shale
2256 to 2390 Shale & Sand
2390 to 2520 Shale - Shells
2520 to 2531 Gypsum
2531 to 2744 Redbed
2744 to 2781 Anhydrite
2781 to 2870 Shale & Lime
2870 to 3012 Shale & Shells
3012 to 3755 Lime & Shale
3755 to 3788 Lime
3788 to 3795 Lime & Chert
3795 to 3830 Lime & Shale
3830 to 3915 Lime
3915 to 3960 Lansing Kansas City & Shale
3960 to 3995 Lime
3995 to 4025 Lime - Shale
4025 to 4080 Lime
4080 to 4115 Lime & Shale
4115 to 4150 Lime
4150 Rotary Total Depth

SET: 204' of 8 5/8" with 125 sacks cement.

SCHLUMBERGER ELECTRIC LOG TOPS:

Topeka 3706 -776
Oread 3810 -800
Douglas Sandstone 3846 -916
Lansing 3866 -936
Base Kansas City 4137 -1207
Log Total Depth 4149

CERTIFICATION

I, Dan J. Kornfeld, do hereby certify that the above and foregoing is a true and correct copy of the log on the Wicke #1, NW SE Section 5-1-32, 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 19th day of December, 1963.

[Signature]
Lucille H. Harr, Notary Public

My commission expires October 21, 1966.