**STATE OF KANSAS**
**STATE CORPORATION COMMISSION**

**WELL PLUGGING RECORD**

<table>
<thead>
<tr>
<th>Books</th>
<th>County, Sec., Twp., Rge.</th>
<th>(W)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Location as "NE%NW%SW%" or footage from lines

<table>
<thead>
<tr>
<th>Lease Owner</th>
<th>Office Address</th>
<th>Character of Well (completed as Oil, Gas or Dry Hole)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frederick &amp; Gordon</td>
<td>Denver, Colorado</td>
<td>Dry Hole</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date well completed</th>
<th>Application for plugging filed</th>
<th>Application for plugging approved</th>
<th>Plugging commenced</th>
<th>Plugging completed</th>
<th>Reason for abandonment of well or producing formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 10</td>
<td>May 10</td>
<td>May 10</td>
<td>May 11</td>
<td>May 11</td>
<td>No oil</td>
</tr>
</tbody>
</table>

If a producing well is abandoned, date of last production: 1945

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: C. T. Alexander

Producing formation: Arbuckle

Depth to top: 5461 | Bottom: 5485 | Total Depth of Well: 5485 | Feet

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

<table>
<thead>
<tr>
<th>Casing Record</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Formation</th>
<th>Content</th>
<th>From</th>
<th>To</th>
<th>Fine</th>
<th>Put In</th>
<th>Pulled Out</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled by Rotary – See sample log attached.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Heavy rotary mud from 5485' to 105'</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Bridge at 105'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Cement to 85'</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Mud and bridge to 20'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cement to 8' to top of hole</td>
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<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... foot for each plug set.

Correspondence regarding this well should be addressed to: Thos. H. Allen

Address: 921 Union National Bank Bldg., Wichita, Kansas

**STATE OF KANSAS**
**COUNTY OF SEDGWICK**

**NOTARIZED**

Thos. H. Allen, Agent

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)

Thos. H. Allen

Address: 921 Union National Bank Bldg., Wichita, Kansas

Subscribe and sworn to before me this... day of... 1945.

My commission expires... February 7, 1944.

Notary Public.
Geologic Record

Books County, Kansas

Braderick & Gordon #1 Sellman
Loc: C 2 1/2 SE NW 22-8-16W
Commenced: 4/21/45 Completed: 5/11/45
Contractor: Thos. H. Allen
I.P. Dry & Abandoned
Elevation - 1987'

0 - 12 soil
   65 chalk - Ft. Hays
   340 blue shale
   430 chalky shale
   530 dark sandy pyritic shale
   630 sandy shale
   730 vari-colored shale
   800 sand
   900 sandy shale
   950 sand
1065 sandy shale
1253 red sandy grit
1285 anhydrite
1550 red beds
1600 shale, salt & anhydrite
1800 shale & shells
2040 lime - Ft. Riley
2220 shale & shells
2270 red shale
2350 porus oolitic lime - Neva
2800 shale & shells
2864 sand & shale
2862 lime - Topeka
2870 shale
2890 lime
2890 shale
2924 lime
2935 shale
2944 lime
2956 shale
2964 lime
2970 shale
2980 white lithographic lime
2990 shale
2996 lime
3018 shale
3040 lime
3058 shale
3062 lime
3070 shale
3086 shale
3103 cherty lime
3109 shale
3112 porus white oolitic lime (water)
3122 red shale
3127 white cherty lime (Lansing)
3134 red & green shale
3137 gray crystalline lime
3144 red & green shale
3150 dense buff lime
3154 porus oolitic lime (water)
3167 lime
3168 porus lime (water)
3188 lime
3195 shale
3200 lime
3203 shale
3211 dense white lime
3214 porus lime (water)
3250 lime
3242 shale
3261 lime
3270 shale
3275 dense buff lime
3279 porus lime (Shaw Dead Oil & Water)
3285 shale & shells
3330 lime - slightly porous (water)
3350 shale & shells
3350 red & green shale
3394 yellow cherty lime
3447 red & green shale & shells
3461 conglomerate, chert and red mud
3485 porus crystalline dolomite - Arbuckle
3497 crystalline dolomite
3545 Total Depth

65 Base Ft. Hays
1253 Top Anhydrite
1940 Top Fort Riley
2270 Top Neva
2864 Top Topeka
3120 Top (Laton) Lansing
3449 Top Arbuckle.

I certify that the above is a true and correct copy of well log on the above test.

[Signature] Thos. H. Allen