WELL PLUGGING RECORD

Rawlins County, Sec. 37, Twp. 25, Rge. 32., E. W. (W)
Location as "NE-CNWS1W2" or footage from line: C/NW NE
Lease Name: SAMSON
Well No.: One
Office Address: 617 Union Center Bldg., Wichita, Kansas

Character of Well (completed as Oil, Gas or Dry Hole): Dry Hole
Date well completed: 4/9/61
Application for plugging filed: 4/9/61
Application for plugging approved: 4/9/61
Plugging commenced: 4/9/61
Plugging completed: 4/9/61
Reason for abandonment of well or producing formation: If a producing well is abandoned, date of last production: 1961

Was permission obtained from the Conservation Division or its agent before plugging was commenced: Yes

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>150'</td>
<td>=0=</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 Plug @ 400', mixed and displaced 20 sacks cement through drill pipe, set plug @ 150', mixed 20 sacks through drill pipe.
Set plug @ 400', mixed 10 sacks.

RECEIVED

STATE CORPORATION COMMISSION
JUN 6, 1961
CONSERVATION DIVISION
Wichita, Kansas

Name of Plugging Contractor: Murfin Drilling Co.
Address: 617 Union Center Bldg., Wichita, Kansas

STATE OF Kansas
COUNTY OF Sedgwick
W. R. Murfin - Partner

The undersigned (or his lawful attorney) 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)
617 Union Center Bldg., Wichita, Kansas

My commission expires June 14, 1964

Notary Public.
# WELL LOG

**Drilling Company**
Edwin Foster Blair & Associates - Murfin

**FARM**
SAMSON

**TOTAL DEPTH**
4460' 3/31/61

**SHOT OR TREATED**
4/9/61

**CONTRACTOR ISSUED**
Murfin Drilling Company

**COUNTRY**
Rawlins Co., Kansas

**ELEVATION**
2866' KB

**PRODUCTION**
D & A

<table>
<thead>
<tr>
<th>Casing</th>
<th>5/8&quot; 150' with 175 sacks</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>15</td>
<td>6</td>
</tr>
<tr>
<td>12</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

**ELECTRIC LOG TOPS:**

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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>2642'</td>
</tr>
<tr>
<td>Topeka</td>
<td>3672'</td>
</tr>
<tr>
<td>Oread</td>
<td>3766'</td>
</tr>
<tr>
<td>Lansing/K.C.</td>
<td>3821'</td>
</tr>
<tr>
<td>Base/K.C.</td>
<td>4081'</td>
</tr>
<tr>
<td>Cherokee Sand</td>
<td>4304'</td>
</tr>
<tr>
<td>Mississippi Chert</td>
<td>4381'</td>
</tr>
<tr>
<td>Mississippi Lime</td>
<td>4416'</td>
</tr>
<tr>
<td>Arbuckle</td>
<td>4434'</td>
</tr>
<tr>
<td>Total Depth</td>
<td>4460'</td>
</tr>
</tbody>
</table>

**DST #1 3840' - 3890' Open 1 hr.**
Recovered 240' gassy mud with oil spots, 180' gassy watery mud and 600' gassy water with scum of oil. IF 120# FF 600# BHP 1230#/20 min.

**DST #2 3896' - 3940' Open 1 hr.**
Recovered 55' mud. IF 0# FF 95# BHP 1170#/20 min.

**DST #3 3980' - 4025' Open 1 hr.**
Recovered 10' mud. IF 9# FF 0# BHP 0#/20 min.

**CORING RECORD:** None

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State of Kansas

County of Sedgwick

W. R. Murfin of the Murfin Drilling Company

I, W. R. Murfin, subscribe and swear to the above and foregoing is a true and correct copy of the log of the SAMSON #1 well.

Subscribed and sworn to before me this 12th day of May 1961.

My Commission Expires: June 14, 1964