### WELL PLUGGING RECORD

**Rawlins County, Sec. 12, Twp. 1, Rge. 33 (E) W (W)**

**Location as "NE/CNWSW" or footage from lines**

**NORTH**

**C/SE NE**

**Locate well currently on above Section Plat**

**State Corporation Commission**

**Give All Information Completely**

**Make Required Affidavit**

**Mail or Deliver Report to:**

**Conservation Division**

**State Corporation Commission**

**211 North Market, Insurance Bldg.**

**Wichita, Kansas**

**Lease Owner:** Edwin Foster Blair & Associates - Murfin Drilling Co.

**Lease Name:** ARENDT

**Well No.:** 1

**Office Address:** 617 Union Center Bldg. - Wichita 2, Kansas

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

**Date well completed:** 1/1/61

**Application for drilling filed:** 12/31/60

**Application for drilling approved:** 1/1/61

**Drilling commenced:** 1/1/61

**Reason for abandonment of well or producing formation:** D & A

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

**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:** A. D. Fabricius

**Producing formation:** Depth to top Bottom

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

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<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><strong>8 5/8</strong></td>
<td><strong>256</strong></td>
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**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 1st plug 400, displaced 20 sacks cement through drill pipe.
- Set 2nd plug 250, displaced 20 sacks cement through drill pipe.
- Set 3rd plug 40, displaced 10 sacks cement.

**Name of Plugging Contractor:** Murfin Drilling Company

**Address:** 617 Union Center Bldg. - Wichita 2, Kansas

**STATE OF Kansas, COUNTY OF Sedgwick**

**W. R. Murfin - Partner**

**Employer Name and State Corporation Commission:**

**State Corporation Commission**

**211 North Market, Insurance Bldg.**

**Wichita, Kansas**

**Name and Signature:**

**617 Union Center Bldg. - Wichita 2, Kansas**

**Address:**

**Notary Public:**

**My commission expires:** June 14, 1964

**6th Day of February, 1961**

**Subscribed and sworn to before me this:**

**Affirmation:**

**Notary Public:**
Edwin Foster Blair & Associates and Murfin Drilling Company

ARENDT

NO. 1

TOTAL DEPTH

4513 ft

COMM. SHOT OR TREATED

12/15/60

CONTRACTOR

1/1/61

ISSUED

Murfin Drilling Company

ELEVATION 2939 ft KB

Figures indicate bottom of formations

256 ft Shale and Sand
1430 ft Shale
1700 ft Shale and Sand
1800 ft Shale
1975 ft Shale-Quartzite-Pyrite
2185 ft Shale-Hard Sand-Pyrite
2314 ft Shale-Pyrite and Hard Sand
2437 ft Shale-Hard Sand
2522 ft Shale and Shells
2532 ft Gyp
2623 ft Shale and Shells
2748 ft Red Bed, Shale and Shells
2784 ft Anhydrite
3240 ft Shale and Shells
3345 ft Lime
3757 ft Lime and Shale
4420 ft Lime
4513 ft Conglomerate

ELECTRIC LOG TOPS:

Anhydrite 2747 ft
Topeka 3703 ft
Oread 3802 ft
Lansing/Kansas City 3864 ft
Base/Kansas City 4134 ft
Cherokee Shale 4290 ft
Cherokee Sand 4386 ft
Conglomerate Chert 4479 ft
Arbuckle 4492 ft
Total Depth 4513 ft

DST #1 3880'-3925' Open 1 hr.
Recovered 40' very slightly oily cut mud. IF 0' FF 0' BHP 360' 20 min.

DST #2 3926'-3955' Open 1 hr.
Recovered 15' drilling mud. IF 0' FF 0' BHP 190' 20 min.

DST #3 3970'-4020' Open 1 hr.
Recovered 15' drilling mud. IF 0' FF 0' BHP 0' 20 min.

DST #4 4030'-4070' Open 1 hr.
Recovered 15' drilling mud. IF 0' FF 0' BHP 440' 20 min.