WELL PLUGGING RECORD

Norton County, Sec. 24 Twp. 55 Rge. 21 E/W
Location as "NE/CNW/SW" or footage from lines SE NW NW

Lease Owner K & E Petroleum, Inc.
Lease Name BAIRD Well No. 1
Office Address 818 Union Center, Wichita, KS 67202
Character of Well (Completed as Oil, Gas or Dry Hole)

Date Well completed November 2 1978
Application for plugging filed November 2 1978
Application for plugging approved November 2 1978
Drilling commenced November 2 1978
Drilling completed November 2 1978
Reason for abandonment of well or producing formation:

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

Depth to top Bottom Total Depth of Well 357/8'

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>220'</td>
<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 feet for each plug set.

1st plug @ 800' w/70 sx, 50-50 posmix, 6% gel
2nd plug @ 200' w/20 sx, 50-50 posmix, 6% gel
3rd plug @ 40' w/10 sx, 50-50 posmix, 6% gel

Name of Plugging Contractor Murfin Drilling Company

STATE OF KANSAS

Wm. S. Shropshire of Murfin Drilling Company (employee of owner) or (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.

617 Union Center, Wichita, KS 67202

SUBSCRIBED AND SWORN TO before me this 15th day of November, 1978

My commission expires 2/16/1978

KERRAN LIDIA
**KANSAS DRILLERS LOG**

**API No. 15 — 137 — 20386 — 00-00**

**County Number**

**K & E Petroleum & Halliburton Oil**

**Address**
816 Union Center, Wichita, Ks. 67202

**Well No.**

#1

**Footage Location**

990 feet from **N** line

990 feet from **W** line

**Principal Contractor**

Murfin Drilling Company

**Geologist**

Arden Ratzlaff

**Spud Date**

October 26, 1978

**Total Depth**

3578 ft

**P.B.T.D.**


**Date Completed**

November 2, 1978

Oil Purchaser

None

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**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of string</th>
<th>Size hole drilled</th>
<th>Size casing set (in. O.D.)</th>
<th>Weight lbs/ft.</th>
<th>Setting depth</th>
<th>Type cement</th>
<th>Sacks</th>
<th>Type and percent additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12-1/2&quot;</td>
<td>8-5/8&quot;</td>
<td>28#</td>
<td>220'</td>
<td>60/40 Posmix</td>
<td>190</td>
<td>2% gal, 3% ca.cl.</td>
</tr>
</tbody>
</table>

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**LINER RECORD**

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>Top, ft.</th>
<th>Bottom, ft.</th>
<th>Sacks cement</th>
<th>Shots per ft.</th>
<th>Size &amp; type</th>
<th>Depth interval</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Setting depth</th>
<th>Packer set at</th>
</tr>
</thead>
</table>

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**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

**INITIAL PRODUCTION**

**Disposion of gas (vented, used on lease or sold)**

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**INSTRUCTIONS:** As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drilling Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 Sw. Meridian P.O. Box 17027, Wichita, Kansas 66217. Phone AC 316-552-2205. If confidential custody is desired, please note Rule 82-2-125. Drilling Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.
**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

<table>
<thead>
<tr>
<th>FORMATION DESCRIPTION, CONTENTS, ETC.</th>
<th>TOP</th>
<th>BOTTOM</th>
<th>NAME</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface soils and rock</td>
<td>0</td>
<td>35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>35'</td>
<td>65'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ochre</td>
<td>65'</td>
<td>75'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Shale</td>
<td>75'</td>
<td>222'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay &amp; Shale</td>
<td>222'</td>
<td>835'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>835'</td>
<td>900'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>900'</td>
<td>1225'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1225'</td>
<td>1290'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>1290'</td>
<td>1728'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anhydrite</td>
<td>1728'</td>
<td>1760'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>1760'</td>
<td>2005'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>2005'</td>
<td>2350'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2350'</td>
<td>2612'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>2612'</td>
<td>2770'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>2770'</td>
<td>3340'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Lime</td>
<td>3340'</td>
<td>3395'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime &amp; Shale</td>
<td>3395'</td>
<td>3475'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Lime</td>
<td>3475'</td>
<td>3560'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime &amp; Shale</td>
<td>3560'</td>
<td>3568'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td>3568'</td>
<td>3578'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ELECTRIC LOG TOPS:**

- Anhydrite: 1730'
- Base/Anhy.: 1757'
- Topeka: 3093'
- Heebner: 3284'
- Toronto: 3309'
- Lansing: 3323'
- B.K.C.: 3522'
- Arbuckle: 3564'
- ELTD: 3577'

**DST #1 (3285-3340)** 30/45/30/45

**DST #2 (3553-3658)** MisRun.

**DST #3 (3526-3568)** 30/45/30/45
Recovered 20' mud. FP's 40#/48#/48#/48#; SIP's 79#/55#. Temp. 100°.

**DST #4 (3566-3573)** 30/30/30/30
Recovered 10' OCM. FP's 16#/24#/24#/24#; SIP's 43#/32#.

**DST #5 (3571-3578)** 30/30/30/30
Recovered 10' mud (no oil show). FP's 16#/16#; SIP's 95#/48#.

**USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.**

Date Received

Wayne L. Brinegar  
Vice President

November 27, 1978