**WELL PLUGGING RECORD**

Rawlins County, Sec. 15, Twp. 15, Rng. 33W (E)-(W)

**Location as "NE/CNWSEW" or footage from lines:** 200' So. of NW NE

**Lease Owner:** Thunderbird Drilling, Inc.
**Lease Name:** Vap
**Well No.:** 1
**Office Address:** P. O. Box 18407 - Wichita, Kansas 67218

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

**Date well completed:** 12/20/77
**Application for plugging filed:** 12/20/77
**Application for plugging approved:** 12/20/77
**Plugging commenced:** 12/20/77
**Plugging completed:** 12/20/77

**Reason for abandonment of well or producing formation:**
- Dry Hole
- Yes

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

- Yes

**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: Gilbert Balthazor

**Producing formation:** Depth to top: Total Depth of Well: 4322 Feet

**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>Surface</td>
<td></td>
<td></td>
<td></td>
<td>8 5/8&quot;</td>
<td>352</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.*

1st Plug @ 1800' w/70 sx
2nd Plug @ 300' w/20 sx
3rd Plug @ 40' w/10 sx

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

**Burke Krueger** (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.

**Notary Public:**

**SIGNATURE**

**P. O. Box 18407 - Wichita, Kansas 67218**

**SUBSCRIBED AND SWORN to before me this 28th day of December, 1977.**

**Gloria DeJesus**

**2.** **My commission expires:** 3-25-80
**DRILLERS LOG**

**Company:** Thunderbird Drilling, Inc.  
**Contractor:** Thunderbird Drilling, Inc.  
**Elevation:** 2944 K.B.  

**Farm:** Vap  
**Well No.:** 1  
**Location:** 200' So. of NW NE  
Sec. 15-1S-35W  
**County:** Rawlins  
**Casing:** 8 5/8' @ 332' w/250 sx

<table>
<thead>
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<th>From</th>
<th>To</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>Surface Hole</td>
</tr>
<tr>
<td>339</td>
<td>1152</td>
<td>Shale &amp; Sand</td>
</tr>
<tr>
<td>1152</td>
<td>2176</td>
<td>Shale</td>
</tr>
<tr>
<td>2176</td>
<td>2510</td>
<td>Shale &amp; Sand</td>
</tr>
<tr>
<td>2510</td>
<td>2770</td>
<td>Shale</td>
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<tr>
<td>2770</td>
<td>2811</td>
<td>Anhydrite</td>
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<td>3295</td>
<td>Shale</td>
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<tr>
<td>3295</td>
<td>3600</td>
<td>Shale &amp; Lime</td>
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<tr>
<td>3600'</td>
<td>3885</td>
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<tr>
<td>3885</td>
<td>4322</td>
<td>Lime</td>
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<tr>
<td>4322</td>
<td>R.T.D.</td>
<td></td>
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</table>

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

I, Burke Krueger, of Thunderbird Drilling, Inc. upon oath states that the above and foregoing is a true and correct copy from the Daily Drilling Report from your Vap #1.

Subscribed and sworn to before me this 28th day of December, 1977.

_Gloria DeJesus_  
Notary Public

My commission expires: 3-25-80