WELL PLUGGING RECORD

Decatur County, Sec. 20 Twp. 28 Rge. 28 E/W
Location as "NE/SE SW 1/4" or footage from lines
SE NE NW
Lease Owner A. L. Abercrombie, Inc.
Lease Name BROWN
Well No. 1
Office Address 801 Union Center, Wichita, Kansas 67202
Character of Well (Completed as Oil, Gas or Dry Hole)
Dry Hole
Date Well completed September 17 1976
Application for plugging filed (verbally) Sept. 17 1976
Application for plugging approved (verbally) Sept. 17 1976
Plugging commenced September 17 1976
Plugging completed September 17 1976
Reason for abandonment of well or producing formation
No commercial quantity of oil or gas encountered
If a producing well is abandoned, date of last production
19
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 Baltazar
Producing formation
Depth to top Bottom Total Depth of Well
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>CONTENTS</th>
<th>FROM</th>
<th>TO</th>
<th>RISE</th>
<th>PUT IN</th>
<th>PULLED OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8 5/8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>210 1/2&quot;</td>
<td>X.B.</td>
<td>None</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.

First plug was set at 1300 1/2 with 70 sq.
Second plug was set at 210 1/2 with 20 sq.
Third plug was set at 40 1/2 with 10 sq.
Plug was down at 7:00 a.m. 9-17-76
State Pluggers: Gilbert Baltazar

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor

STATE OF Kansas
COUNTY OF Sedgwick
Jerry A. Langrehr, Exec. V.P.

(Signature)

Public Notary

July 21, 1979

Sandra Richman

Verified and Sworn to before me this 21st day of September, 1976

Notary Public
**KANSAS DRILLERS LOG**

**API No. 15 — 039 — 20.357 — 00—00**

**Operator**
A. L. Abercrombie, Inc.

**Address**
801 Union Center, Wichita, Kansas 67202

**Well No.**
1

**Lease Name**
BROWN

**Footage Location**

<table>
<thead>
<tr>
<th>feet from (N) (S) line</th>
<th>feet from (E) (W) line</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>160</td>
<td>160</td>
</tr>
</tbody>
</table>

**Principal Contractor**
Abercrombie Drilling, Inc.

**Geologist**
K. Greg Cheney

**Spud Date**
September 9, 1976

**Total Depth**
3875 ft

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

**Date Completed**
September 17, 1976

**Oil Purchaser**

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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>Socks</th>
<th>Type and percent additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 1/4''</td>
<td>8 5/8''</td>
<td>210' K.B., Quick-set</td>
<td>180</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**LINER RECORD**

**PERFORATION RECORD**

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

**TUBING RECORD**

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

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

Amount and kind of material used

**INITIAL PRODUCTION**

Date of first production

**RATE OF PRODUCTION**

<table>
<thead>
<tr>
<th>PER 24 HOURS</th>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-oil ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>bbls.</td>
<td>MCF</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Disposition 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 Drillers 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 S. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be kept on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.
Well No. 1  Lease Name: BROWN

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.

Dry Hole

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 Clay &amp; Sand</td>
<td>0</td>
<td>166</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>166</td>
<td>2343</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anhydrite</td>
<td>2343</td>
<td>2376</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>2376</td>
<td>3270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Lime</td>
<td>3270</td>
<td>3646</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td>3646</td>
<td>3875</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotary Total Depth</td>
<td></td>
<td>3875</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DST #1 (3608-3646') 15", 45", 60", 45". Good blow. IFP 18-34#, ISIP 1251#, FFP 52-119#, FSIP 1241#. Rec. 60' of heavily water cut mud, 140' muddy water.

DST #2 (3659-3680') 15", 45", 45", 45". Weak blow - died in 25 min. Rec. 20' cm. 6" free oil.

DST #3 (3659-3691') Straddle Packers - Top packer failed.

DST #4 (3675-3691') Straddle Packers - Top packer failed.

DST #5 (3657-3695') Straddle Packers - 30", 60", 60", 60". Weak blow - died in 45 min. Rec. 33' oil specked mud. IFP 26-26#, IBHP 1044#, FFP 39-39# FBHP 859#.

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

Date Received

Jerry A. Langrehr, Exec. O.P.

September 21, 1976