**KANSAS DRILLERS LOG**

**API No.** 15 — 065 — 21,249 — 00 — 00

**Operator**
Abercrombie Drilling, Inc.

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

**Well No.**
F

**Footage Location**
2310' feet from (E) (S) line
2310' feet from (W) (N) line

**Principal Contractor**
Abercrombie Drilling, Inc.

**Geologist**
Richard Renard

**Spud Date**
09-17-80

**Total Depth**
3890'

**P.B.T.D.**
3843'

**Date Completed**
09-25-80

**Oil Purchaser**
Clear Creek, Inc.

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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>12-1/4&quot;</td>
<td>8-5/8&quot;</td>
<td>20#</td>
<td>245' K.B.</td>
<td>Common Cement</td>
<td>185</td>
<td>3% c.c., 2% gel.</td>
</tr>
<tr>
<td>Production</td>
<td>7 7/8</td>
<td>4 1/2&quot;</td>
<td>10 1/2#</td>
<td>3889'</td>
<td>50/50 posmix</td>
<td>50</td>
<td>2% gel, 12% gis. salt saturated</td>
</tr>
</tbody>
</table>

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**LINER RECORD**

<table>
<thead>
<tr>
<th>Top, ft.</th>
<th>Bottom, ft.</th>
<th>Sacks cement</th>
</tr>
</thead>
</table>

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>Shots per ft.</th>
<th>Size &amp; type</th>
<th>Depth interval</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DP jets</td>
<td>3815 - 3818</td>
</tr>
</tbody>
</table>

**TUBING RECORD**

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

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

Amount and kind of material used
1250 gallons of 15% Non-E 3815-3818

**INITIAL PRODUCTION**

Date of first production
11/9/80

Producing method (flowing, pumping, gas lift, etc.)
Pumping

**RANGE OF PRODUCTION PER 24 HOURS**

<table>
<thead>
<tr>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-oil ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>52 bbls.</td>
<td>54 MCF</td>
<td>54 bbls.</td>
<td>CFPB</td>
</tr>
</tbody>
</table>

Disposition of gas (vented, used on lease or sold)
3815-3818

**INSTRUCTIONS:** As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Driller's 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 28141, Wichita, Kansas 66227. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Driller Logs shall be on file in the Oil and Gas Field, State Geological Survey of Kansas, Lawrence, Kansas 66044.