KANSAS DRILLERS LOG

API No. 15 — 153 — 20260-66-08

Operator
John P. Jennings

Address
Suite 309, 200 E. 1st, Wichita, Kansas 67202

Well No. 1
Lease Name VAP "B"

Footage Location
660 feet from (N) 10 line 660 feet from (E) (W) line

Principal Contractor
John O. Farmer, Inc.

Geologist
Marvin E. Frankamp

Spud Date
7-24-76
Total Depth
4130'
P.B.T.D.

Date Completed
8-1-76
Oil Purchaser

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</td>
<td>8-5/8</td>
<td>26</td>
<td>208'</td>
<td>Common</td>
<td>175</td>
<td></td>
</tr>
</tbody>
</table>

LINER RECORD

Top, ft. | Bottom, ft. | Sacks cement

PERFORATION RECORD

Shots per ft. | Size & type | Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used | Depth interval treated

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

INITIAL PRODUCTION

Date of first production | Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION

PER 24 HOURS

Oil | Gas | Water | Gas-oil ratio |

Disposal of gas (vented, used on lease or sold) | Producing interval(s)

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 17027), Wichita, Kansas 66217. Phone AC 216-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.
<table>
<thead>
<tr>
<th>FORMATION DESCRIPTION, CONTENTS, ETC.</th>
<th>TOP</th>
<th>BOTTOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shale</td>
<td>208</td>
<td>2090</td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2090</td>
<td>2455</td>
</tr>
<tr>
<td>Shale &amp; Red Bed</td>
<td>2455</td>
<td>2705</td>
</tr>
<tr>
<td>Red Bed</td>
<td>2705</td>
<td>2748</td>
</tr>
<tr>
<td>Anhydrite</td>
<td>2748</td>
<td>2789</td>
</tr>
<tr>
<td>Shale</td>
<td>2789</td>
<td>2910</td>
</tr>
<tr>
<td>Shale &amp; Shells</td>
<td>2910</td>
<td>3115</td>
</tr>
<tr>
<td>Shale &amp; Lime</td>
<td>3115</td>
<td>3675</td>
</tr>
<tr>
<td>Lime &amp; Shale</td>
<td>3675</td>
<td>3974</td>
</tr>
<tr>
<td>Lime</td>
<td>3974</td>
<td>4130</td>
</tr>
<tr>
<td>Total Depth</td>
<td>4130</td>
<td></td>
</tr>
</tbody>
</table>

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

Date Received

Signature
President
Title
Date
August 3, 1976