STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACD-1 WELL HISTORY

DEPARTMENT OF KANSA

DESCRIPTION OF WEL AND LEASE

API No. 15-6522

Graham

County: NE.

Well completed or recompleted on July 25, 1988.

Well No. 2

2310.0 ft north from Southeast Corner of Section
4290.0 ft west from Southeast Corner of Section

(Note: Locate well in section plot below)

Lease Name: Minnemire

Field Name: Wildcat

Producing Formation: D/H

Elevation: Ground 2350'

Section Plot:

WATER SUPPLY INFORMATION

Disposal of Produced Water:

Drilling Method:

WELL HISTORY

Drilling Method:

X Mud Rotary

Spud Date: 2-7-86

Date Reached TD: 2-12-86

Completion Date: 2-12-86

Total Depth: 3275'

Cement Company Name:

Cement Company Invoice #:

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission.

Date: March 19, 1988

Date Commission Expires: 10/03/88

Kathryn V. Kashbury

Notary Public

12th Day of March

L.W.O. USE ONLY

Letter of Confidentiality Attached

Wiresline Log Received

Drillers Time Log Received

Distribution

KCC

SM/Wrap

KSB

Plug

Other

(purchased from city, R.W.D. #)

Title: Melvin Klotzman/Petroleum Consultant

=00-00

Form ACD-1 (7-84)

Conservation Commission

MAR 24 1988

3-24-86

Amended ACD-1
**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of leg.

<table>
<thead>
<tr>
<th>Drill Stem Tests Taken</th>
<th>Formation Description</th>
<th>Core Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>X Log</td>
<td>No</td>
</tr>
<tr>
<td>No</td>
<td>Sample</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Top Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>1,969' 1,990'</td>
</tr>
<tr>
<td>Topeka</td>
<td>3,358'</td>
</tr>
<tr>
<td>Oread</td>
<td>3,510'</td>
</tr>
<tr>
<td>Heebner</td>
<td>3,556'</td>
</tr>
<tr>
<td>Toronto</td>
<td>3,581'</td>
</tr>
<tr>
<td>Lansing</td>
<td>3,590'</td>
</tr>
</tbody>
</table>

**CASING RECORD**: Report all strings set—cementing, surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in C.L.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>1 1/2</td>
<td>8 5/8</td>
<td>20</td>
<td>240</td>
<td>&quot;U&quot;</td>
<td>200</td>
<td>2000</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**: Specify footage of each interval perforated.

- N/A

**TUBING RECORD**: Size Set At | Pack at | Liner Run.

<table>
<thead>
<tr>
<th>Date of First Production</th>
<th>Producing Method</th>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>Flowing</td>
<td>Pumping</td>
<td>Gas Lift</td>
<td>Other (explain)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHOD OF COMPLETION**: Production Interval

<table>
<thead>
<tr>
<th>Disposition of Gas:</th>
<th>Open Hole</th>
<th>Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vented</td>
<td>No</td>
<td>Other (Specify)</td>
</tr>
</tbody>
</table>

**Production Interval**: N/S

<table>
<thead>
<tr>
<th>Estimated Production Per 24 Hours</th>
<th>Bois</th>
<th>MCF</th>
<th>Bois</th>
<th>CFPB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**METHODS**: N/A