STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5266
Name: R.A. Katon, on behalf of R.A. Katon Petroleum, Inc.
Address: 100 S. Main St., Wichita, KS 67202
City/State/Zip: Wichita, KS 67202

Purchaser: Koch Oil Company
Address: 100 S. Main St., Wichita, KS 67202

Operator Contact Person: Wayne J. Brinnager
Phone: 1-316-267-4400

Contractor: License # 5421
Name: Abercrombie Drilling, Inc.
Phone: 1-316-267-4400

Wellsite Geologist: Patrick J. Deenihan
Phone: 1-316-267-4400

API No. 15-153-20,675 -00-00
County: Rawlins

Lat. 50 N, Lon. 106, Sec. 1A, Twp. 33, Rge. 33, X West

1320 ft North from Southeast Corner of Section

Field Name: Drift
Proving Formation: Kansas/Kansas City, "G"

Elevation: Ground - 2901', KS - 2906'

Section Plot

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-100, 82-3-107 and 82-3-106 apply.

Information on side two of this form shall be held confidential for a period of 12 months if requested in writing and submitted with this form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit GP-4 form with all plugged wells. Submit GP-11 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Wayne J. Brinnager
Title: Vice President
Date: 12/9/86

Notary Public
Date: 12/23/89

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
Wireline Log Received
Drillers Time Log Received
KCC
KGS

Distribution
Specify

STATE CORPORATION COMMISSION

NOTARY PUBLIC

Wichita, Kansas

12/1-86
**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 pressure, 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 log.

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**Drill Stem Tests Taken**

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**Formation Description**

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>2745'</td>
<td>+161'</td>
</tr>
<tr>
<td>B/Anhydrite</td>
<td>2783'</td>
<td>+123'</td>
</tr>
<tr>
<td>Oread</td>
<td>3793'</td>
<td>-087'</td>
</tr>
<tr>
<td>Heebner</td>
<td>3808'</td>
<td>-902'</td>
</tr>
<tr>
<td>Lansing</td>
<td>3854'</td>
<td>-948'</td>
</tr>
<tr>
<td>Lansing &quot;G&quot;</td>
<td>3944'</td>
<td>-1036'</td>
</tr>
<tr>
<td>B/KC</td>
<td>4110'</td>
<td>-1106'</td>
</tr>
<tr>
<td>TD</td>
<td>4153'</td>
<td>-1247'</td>
</tr>
</tbody>
</table>

**Casing Record**

- **Purpose of String**
  - Surface
  - Production

- **Size Hole Drilled**
  - 50'GIP, 45'011, 120'HoCM (50%,50)%
  - FPS: 64-75#/96-107#.
  - SIPS: 160#/160#

- **Size Casing Set in O.D.**
  - 2096#/1968#.
  - BHT: 122°

- **Setting Depth**
  - 2447.80' common
  - 105' 24gal. 12cc

- **Type and Percent of Cement Used**
  - 80.70' 24gal.

- **Additives**
  - Perforation

- **Perforation Record**
  - Acid, Fracture, Shot, Cement Squeeze Record
  - (Amount and Kind of Material Used)
  - Depth

- **Tubing Size Set At**
  - 2-3/8" 4085'

- **Packer at**
  - N/A

- **Liner Run**
  - Yes

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**Date of First Production**

- 12/4/86

**Producing Method**

- Oil
- Gas

**Estimated Production Per 24 Hours**

- 45 BOPD

**Disposal of Gas**

- Vented
- Sold
- Used on Lease

**Disposal of Oil**

- Open Hole
- Perforation
- Other (Specify)

**Production Interval**

- 3942-3947