STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
RECOMPLETION FORM
ACO-2 AMENDMENT TO WELL HISTORY

Operator: License # 5011
Name: Viking Resources
Address: 120 S. Market, Suite 518
Wichita, KS 67202-3819

Purchaser: Koch Oil Company
Operator Contact Person: Jim Devlin
Phone: (316) 262-2502

Designate Type of Original Completion
X New Well

Date of Original Completion: 12-9-82

DATE OF RECOMPLETION:
8-15-88
8-21-88

Designate Type of Recompletion/Workover:
X Deepening

X Other (Disposal or Injection)?

API NO. 15-153-20.156

County: Rawlins
Approx: East

Elevation: Ground

Field Name: Horinek West
Name of New Formation

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

DISTRIBUTION
KOC KGS Plug Other (Specify)

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 recompletion of any well. Rules 82-3-107 and 82-3-141 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of any additional wireline logs and driller's time logs (not previously submitted) shall be attached with this form. Submit ACO-4 prior to or with this form for approval of camming or dual completions. Submit O-4 with all plugged wells. Submit O-1II with all temporarily abandoned wells. NOTE: Conversion of wells to either disposal or injection must receive approval before use, submit form U-1.

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: James R. Darlin
Title: Operator
Date: 8-26-88

Subscribed and sworn to before me this 26th day of August 1988
Notary Public

PAULA R. DUNAGAN
NOTARY PUBLIC
STATE OF KANSAS

DATE COMMISSION EXPIRES 2 March 1989
**Operator Name:** Viking Resources  
**Lease Name:**  
**Vap:**  
**Well #:** 2

**Sec:** 4  
**Twp:** 1  
**Rge:** 33  
**West:**  
**County:** Rawlins

**RECOMPETED FORMATION DESCRIPTION:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lansing &quot;J&quot; zone</td>
<td>4044</td>
<td>4049</td>
</tr>
</tbody>
</table>

**to be used for an injection well**

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Depth</th>
<th>Type of Cement</th>
<th>Sacks Used</th>
<th>Type &amp; Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforate</td>
<td>Top: 0</td>
<td>Bottom: 2150</td>
<td>60/40 poz, 6% gel</td>
<td>300</td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Interval Perforated</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4044-4049 (old)</td>
<td>1500 gal 15% NE (old)</td>
</tr>
</tbody>
</table>

**PBTD:** 4102  
**Plug Type:** Cement

**TUBING RECORD:**

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Was Liner Run?</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3/8</td>
<td>4020</td>
<td>4020</td>
<td>Y X N</td>
</tr>
</tbody>
</table>

**Date of Resumed Production, Disposal or Injection - to be determined by KCC**

**Estimated Production Per 24 Hours**

- 0 bbl/oil
- 0 bbl/water
- 0 MCF gas
- 0 gas-oil ratio