**STATE CORPORATION COMMISSION OF KANSAS**
**OIL & GAS CONSERVATION DIVISION**

**ACO-1 WELL HISTORY**
**DESCRIPTION OF WELL AND LEASE**

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**Operator:** Ritchie Exploration, Inc.

**Address:** 125 N. Market

**City/State/Zip:** Wichita, KS 67202

**Purchaser:** Koch Oil

**Operator Contact Person:** Lisa Thimesch

**Phone:** 316-267-4375

**Contractor:**

**License:**

**Wellsite Geologist:**

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**Designate Type of Completion**

- New Well
- Re-Entry
- Workover

- Oil
- SVD
- SIDV
- Temp. Abd.
- Gas
- ENHR
- SIGV
- Dry
- Other (Core, WSW, Expl., Cathodic, etc.)

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**If Workover/Re-Entry; old well info as follows:**

- Operator:
  - Ritchie Exploration

- Well Name:
  - #2 Nanette Hilgers

- Comp. Date:
  - 10-13-94

- Total Depth:
  - 3701

- Deepening:
  - 7-8-94

- Date of START OF WORKOVER:

- Date Reached TD:

- Date Commission Expires:

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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission. 200 Colorado Derby Building, Wichita, Kansas 67202. Within 120 days of the spud date, recompletion, workover or conversion of a well, Rules 82-3-130, 82-3-106 and 82-3-107 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 all wireline logs and geologist well reports shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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**Form ACO-1 (7-91)**

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**K.C.C. OFFICE USE ONLY**

- Letter of Confidentiality Attached
- Wireline Log Received
- Geologist Report Received

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**Distribution**

- SVD/Rep
- Plug
- Other (Specify)

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**KCC**

**KGS**

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**E/W**

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**SIGNATURES**

**Signer:** Jeff Christian

**Title:** Geologist

**Date:** 8-9-94

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**Subscribed and sworn to before me this 19 day of August 1994.**

**Notary Public:** Lisa Thimesch

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**Date Commission Expires:**

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**LISA THIMMESCH**
**NOTARY PUBLIC**
**STATE OF KANSAS**
**My Appl. Exp. 8-24-95**
Casing Record

<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 of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 1/4&quot;</td>
<td>8 1/2&quot;</td>
<td>28</td>
<td>205'</td>
<td>60/40 Pozz.</td>
<td>160</td>
<td>2% SL - 3% CaCO₃</td>
</tr>
<tr>
<td>Production</td>
<td>7 1/2&quot;</td>
<td>5 1/2&quot;</td>
<td>14</td>
<td>3695&quot;</td>
<td>60/40 Pozz.</td>
<td>110</td>
<td>10% SALT - 3% GILSONITE</td>
</tr>
</tbody>
</table>

Additional Cementing/Squeeze Record

<table>
<thead>
<tr>
<th>Purpose: Depth</th>
<th>Top</th>
<th>Bottom</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td>5 gal.</td>
<td>N/A</td>
</tr>
<tr>
<td>X Plug Back TD</td>
<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>
<td></td>
</tr>
</tbody>
</table>

Perforation Record - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated

| Shots Per Foot | 3 | 3684'-3693' Arbuckle | 750 gal 15% INS | same |

Tubing Record

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 3/8&quot;</td>
<td>3683</td>
<td>NA</td>
<td></td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Date of First, Resumed Production, SWD or Inj.: 7-13-94

Producing Method: □ Flowing □ Pumping □ Gas Lift □ Other (Explain)

Estimated Production Per 24 Hours: Oil 7.00 Bbls.

Disposition of Gas: □ Vented □ Sold □ Used on Lease (If vented, submit ACO-18.) □ Open Hole □ Perf. □ Dually Comp. □ Commingled

Method of Completion: 3684'-3693'