Operator:  License #  4767  

Name:  Ritchie Exploration, Inc.  
Address:  P.O. Box 783188  
City/State/Zip:  Wichita, KS  67278-3188  

County:  Graham  
Well Name:  Van Loenen 31-B  
Field Name:  Buckner NE  
Contractor:  Name:  John Niernberger  
Phone:  (316) 691-9500  
Licenses:  Released  

Producing Formation:  Toronto, LKC, Arbuckle, Oread  
Elevation:  Ground 2175'  
Total Depth 3750'  
PBT D 3717'  

Footages Calculated from Nearest Outside Section Corner: NE, SW, NW or SW (circle one)

Lease Name:  Van Loenen 31-B, Well # 1  

Drilling Fluid Management Plan:  OILWATER 7-24-CD  
(Data must be collected from the Reserve Pit)  

Chloride content ________ ppm  Fluid volume ________ bbls  

Dewatering method used:  KOC  

Location of fluid disposal if hauled offsite:  

Operator Name:  Ritchie Exploration, Inc.  

Well Name:  #1 Van Loenen-31B  
Comp. Date:  11-93  Old Total Depth 3750'  

Deepening:  X  Re-perf.  X  Conv. to Inj/SWD  
Plug Back:  X  PBT D  
Commingled:  X  Docket No.  CO-1942  
Dual Completion:  X  Docket No.  
Other (SWD or Inj)  Docket No.  

4-12-00  4-19-00  4-19-00  
Spud Date  Date Reached TD  Completion Date  

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. Rule 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 report 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.

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:  
Title:  Production Manager  
Date:  6/29/00  

Subscribed and sworn to before me this 29 day of June, 2000.  
Notary Public:  Karen Hopkins  
Date Commission Expires:  10/22/03  

KCC OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

Form ACO-1 (7-91)
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>Production</td>
<td>7,875&quot;</td>
<td>4.5&quot;</td>
<td>10.5#</td>
<td>3747'</td>
<td>Pozmix</td>
<td>160</td>
<td>10% Salt</td>
</tr>
</tbody>
</table>

Additional Cementing/Squeeze Record

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth Top 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>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TB</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 - Bridge plugs Set/Type

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Specify Footage of Each Interval Perforated</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3320.5&quot;-24.5&quot; (Oread A) (shut off with packer)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3437.5&quot;-41.5&quot; (LKC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3452.5&quot;-56.5&quot; (LKC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3694.5&quot;-96.5&quot;, 3706.5&quot;-10.5&quot; (Arbuckle)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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</td>
<td>3/8&quot;</td>
<td>3683</td>
<td>3359</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date of First, Restarted Production, SWD or Injection: 4/19/00

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

Estimated Production

<table>
<thead>
<tr>
<th>Per 24 Hours</th>
<th>Oil Bbls.</th>
<th>Gas Mcf</th>
<th>Water Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Disposition of Gas: Vented, Sold, Used on Lease (If vented, submit ACO-18.)

Method of Completion: Open Hole, Perf., Dually Comp., Commingled, Other (Specify)

Production Interval