STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 4767

Name: Ritchie Exploration, Inc.
Address: 125 N. Market, Suite 1000
City/State/Zip: Wichita, KS 67202

Purchaser: none
Operator Contact Person: Leah Ann Kasten
Phone (316): 267-4375

Contractor: Name: Murfin Drilling
License: 6033
Wellsite Geologist: Rocky Milford

Designate Type of Completion
XX New Well ___ Re-Entry ___ Workover ___
Oil ___ SWD ___ Temp. Abd. ___
Gas ___ Inj ___ Delayed Comp. ___
XX Dry ___ Other (Core, Water Supply, etc.) ___

If OMMO: old well info as follows:
Operator:
Well Name: ___ Comp. Date ___ Old Well Info ___

Drilling Method:
XX Mud Rotary ___ Air Rotary ___ Cable ___

7/25/89 7/31/89 7/31/89
Spud Date 7/31/89 Date Reached TD 7/31/89 Completion Date

API NO. 15-065-22,530-00-00

County: Graham
Lease Name: F.W. Lesage
Field Name: Solo Bow
Producing Formation: none
Elevation: Ground 2217' KB 2222'
Total Depth 3740' PBD 5280

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 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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: Vice President
Date: 8/09/89

Subscribed and sworn to before me this ___ day of August, 1989.
Notary Public: Linda K. Rice
Date Commission Expires: 6/07/92

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 6-7-92

Form ACO-1 (7-89)
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 log.

Drill Stem Tests Taken (Attach Additional Sheets.)
- Yes ☑ No

Samples Sent to Geological Survey
- Yes ☑ No

Cores Taken
- Yes ☑ No

Electric Log Run (Submit Copy.)
DST #1 3421'-75' (Tor.-Lan. "A" zone). Rec. 5' mud, no show of oil. IP:49/49#/30";ISIP:276#/70";FSIP:237#/170".

DST #2 3571'-3655' (Lan. 140'-220' zones). Rec. 10' mud, oil spotted mud & show of free oil in the tool. IFP:59-59#/30";ISIP:86/30";FFP:59-59#/30";FSIP:69#/30".


Casing Record
- Yes ☑ Used

<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>12½'</td>
<td>8-5/8&quot;</td>
<td>23</td>
<td>225'</td>
<td>60/40 pozmix</td>
<td>170</td>
<td>2% gel, 3% CC</td>
</tr>
</tbody>
</table>

Perforation Record
- Specify Footage of Each Interval Perforated

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

Tubing Record
- Size

Date of First Production
- Producing Method
- Flowing ☑ Pumping ☑ Gas Lift ☑ Other (Explain)

Estimated Production
- Per 24 Hours

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

Method of Completion
- Open Hole ☑ Perforation ☑ Dually Completed ☑ Commingled
- Other (Specify)  

Production Interval