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

County: Rooks
SW NW SE Sec. 22 Twp. 6S Rge. 20W X
1650 Ft. North from Southeast Corner of Section
2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Chapman
Well # 5
Field Name Loclela N
Producing Formation n/a
Elevation: Ground 2176' KB 2181'
Total Depth 2193' PTD n/a

API NO. 15- 163-23,144-00-09

Operator Contact Person: Jeff Christian
Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co.
License: 30606
Wellsite Geologist: Bob Mathiesen

Designate Type of Completion
X New Well
Re-Entry
Workover

Oil
SWD
Temp. Abd.

Gas
Inj
Delayed Comp.

X Dry
Other (Core, Water Supply, etc.)

If OMAO, old well info as follows: RELEASED 6-18-93
Operator:
Well Name:
Comp. Date:
FROM CONFIDENTIAL

Old Total Depth

Drilling Method:
X Mud Rotary
Air Rotary
Cable

2/20/91
2/24/91
2/24/91

Spud Date
Date Reached TD
Completion Date

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 President
Date 5/9/91

Subscribed and sworn to before me this 9th day of May 1991.

Notary Public
LINDA K. RICE
STATE OF KANSAS
Commission Expires 6/07/92

K.C.C. OFFICE USE ONLY

DISTRIBUTION
KCC SMD/Rep NGPA KGS Plug Other
(Specify)
**Casing Record**

- **New** ☑  **Used** ☐

**Report all strings set-conductor, surface, intermediate, production, etc.**

<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&quot;</td>
<td>8-5/8&quot;</td>
<td>28#</td>
<td>234'</td>
<td>60/40 poz</td>
<td>160</td>
<td>28gel, 3%CC</td>
</tr>
</tbody>
</table>

**Perforation Record**

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Specify Footage of Each Interval Perforated</th>
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**Acid, Fracture, Shot, Cement Squeeze Record**

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<th>(Amount and Kind of Material Used)</th>
<th>Depth</th>
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**Tubing Record**

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<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
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<tr>
<td></td>
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<td>Linner Run</td>
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**Date of First Production**

- **Producing Method** ☐ Flowing  ☐ Pumping  ☐ Gas Lift  ☐ Other (Explain)  ☐

**Estimated Production Per 24 Hours**

<table>
<thead>
<tr>
<th>Oil</th>
<th>Bbls.</th>
<th>Gas</th>
<th>Mcf</th>
<th>Water</th>
<th>Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
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**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**

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**Formation Description**

- ☐ Log  ☑ Sample

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<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
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<tbody>
<tr>
<td>Anhy</td>
<td>1778' (+ 403)</td>
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</tr>
<tr>
<td>B/Anhy</td>
<td>1810' (+ 371)</td>
<td></td>
</tr>
</tbody>
</table>
ALLIED CEMENTING COMPANY, INC.
P.O. BOX 31
RUSSELL, KANSAS 67665

TO: Ritchie Exploration Inc.
125 N. Market #1000
Wichita, Kansas 67202

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Common 260 sks @$5.25
Pozmix 140 sks @$2.25
Gel 21 sks @$6.75
Floseal 100#@$1.00

$1,365.00
315.00
141.75
100.00

Handling 400 sks @$1.00
Mileage (33) @$0.04c per sk per mi
Plugging
Mi @$2.00 pmp. trk.

400.00
528.00
380.00
66.00

1,374.00

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

FEB 28 1991
TO: Ritchie Exploration Inc.
125 N. Market #1000
Wichita, Kansas 67202

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Common 96 sks @$5.25  $504.00
Pozmix 64 sks @$2.25  144.00
Chloride 5 sks@$21.00  105.00

Handling 160 sks @$1.00  160.00
Mileage (23)@$0.04c per sk per mi  211.20
Surface Mi @$2.00 pmp. trk.  66.00
1 plug  73.00

Total $1,643.20

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

Thank you

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.