STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD 9 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License #: 4767
Name: Ritchie Exploration, Inc.
Address: 125 N. Market, Ste. 1000
City/State/Zip: Wichita, KS 67202
Purchaser:
Operator Contact Person: Jeff Christian
Phone: (316) 267-4375
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: K. Kessler

Designate Type of Completion:
- X New Well
- Re-Entry
- Old Total Depth
- Oil
- SWD
- STOW
- Temp. Abd.
- Gas
- ENHR
- SIGW
- Dry
- Other (Core, WSW, Expl., Cathodic, etc.)

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

API No. 15-137-20392
County: Norton
E of S/2, S/2 - S/2 Sec. 28 Twp. 58 Rge. 22 X
330 Feet from NW (circle one) Line of Section
2540 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, NW, NW or SW (circle one)
Lease Name: White 288
Well #: 2
Field Name: wildcat
Producing Formation:
Elevation: Ground 2304 KB 2309
Total Depth: 3735’ PSTD 3800’
Amount of Surface Pipe Set and Cemented at:
Multiple Stage Cementing Collar Used? Yes No
243 Feet
If yes, show depth set
An Alternate II completion, cement circulated from
Feet depth to ___ w/ ________ x __________

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1500 ppm
Fluid volume 800 bbls
Dewatering method used evaporation

Location of fluid disposal if hauling

Operator Name:
Lease Name:
License No.
Quarter Sec: ___ Twp. ___ SEng. ___ E/W
County:
Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 800 Colorado, Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or abandonment of a well. Rule 82-3-150, 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 for 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-6 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.

Date Commission Expires:

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp.

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

Distribution
KCC SWD/Rep. NGPA
KGS Plug Other

Form ACD-1 (7-91)
Operator Name: Ritchie Exploration, Inc.
Lease Name: White 28B
Well #: 2
Sec. 28, Twp. 58, Rge. 22, W
County: Norton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time test 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.)
Yes No

List All Logs Run:
Radiation Guard Log

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<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (In O.B.)</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 1/2&quot;</td>
<td>8-5/8&quot;</td>
<td>20#</td>
<td>.243'</td>
<td>60/40</td>
<td>180</td>
<td>2% Gel, 3% CC</td>
</tr>
</tbody>
</table>

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### ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth Top</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 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>

<table>
<thead>
<tr>
<th>PERFORATION RECORD - Bridge Plugs Set/Type</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specify footage of each interval perforated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TUBING RECORD</th>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Yes No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of First, Resumed Production, SWD or Inj.</th>
<th>Producing Method</th>
<th>Flowing</th>
<th>Pumping</th>
<th>Gas Lift</th>
<th>Other (Explain)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Producing Method:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Production 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></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disposition of Gas:</th>
<th>METHOD OF COMPLETION</th>
<th>Production Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vented</td>
<td>Open Hole</td>
<td></td>
</tr>
<tr>
<td>Sold</td>
<td>Perf.</td>
<td></td>
</tr>
<tr>
<td>Used on Lease</td>
<td>Dually Comp.</td>
<td></td>
</tr>
<tr>
<td>(If Vented, submit ACO-18.)</td>
<td>Commingled</td>
<td></td>
</tr>
<tr>
<td>Other (Specify)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**
**RITCHIE EXPLORATION, INC.**

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775
316-267-4375  FAX 316-267-3026

#2 White 28B  
S/2 S/2 S/2  
Section 28-5S-22W  
Norton County, Kansas  
API# 15-137-20,392  
Elevation: 2304' G.L., 2309' K.B.  

**ELECTRIC LOG TOPS**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>1920' (+ 389)</td>
</tr>
<tr>
<td>B/Anhydrite</td>
<td>1950' (+ 359)</td>
</tr>
<tr>
<td>Topeka</td>
<td>3277' (-968)</td>
</tr>
<tr>
<td>Heebner</td>
<td>3475' (-1166)</td>
</tr>
<tr>
<td>Toronto</td>
<td>3501' (-1192)</td>
</tr>
<tr>
<td>Lansing</td>
<td>3517' (-1208)</td>
</tr>
<tr>
<td>B/KC</td>
<td>3705' (-1396)</td>
</tr>
<tr>
<td>LTD</td>
<td>3732' (-1423)</td>
</tr>
</tbody>
</table>

**KCC OCT 15 CONFIDENTIAL FROM CONFIDENTIAL**

DST #1 from 3469' to 3539' (Toronto and Top zone). Recovered 420' muddy water with slight show of oil on top.

IFP: 95-124#/30"; ISIP: 1126#/30";  
FFP: 209-229#/30"; FSIP: 1116#/30".

DST #2 from 3555' to 3592' (50' and 90' zones). Packer failure.

DST #3 from 3536' to 3692' (35', 50', and 90' zones). Recovered 5' mud, no show of oil.

IFP: 74-74#/30"; ISIP: 84#/30";  
FFP: 74-74#/30"; FSIP: 84#/30".

DST #4 from 3630' to 3735' (140' through 220' zones). Recovered 160' mud, no show of oil.

IFP: 114-114#/45"; ISIP: 1126#/45";  
FFP: 162-171#/45"; FSIP: 1088#/45".

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**

STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
WICHITA, KS  
OCT 19 1993  
RECEIVED  
OCT 19 1993
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Twp.</th>
<th>Range</th>
<th>Called Out</th>
<th>On Location</th>
<th>Job Start</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>5</td>
<td>22</td>
<td>10:00 AM</td>
<td>1:30 AM</td>
<td>2:15 PM</td>
<td>2:45 PM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lease</th>
<th>Well No.</th>
<th>Location</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>288</td>
<td>Hill City</td>
<td>Norton</td>
<td>Kansas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Murtin Drl 9</td>
<td>Surface</td>
<td>12½&quot;</td>
<td>244'</td>
<td>8 3/8''</td>
<td>243'</td>
<td>KCC</td>
<td></td>
<td>OCT 15</td>
<td></td>
<td>CONFIDENTIAL</td>
<td></td>
<td>15'</td>
<td>Minimum</td>
<td>Displace</td>
<td>X</td>
</tr>
</tbody>
</table>

**EQUIPMENT**

<table>
<thead>
<tr>
<th>#153 No.</th>
<th>No.</th>
<th>Pumprk</th>
<th>Havy. No.</th>
<th>Pumprk</th>
<th>Bulktrk</th>
<th>Bulktrk</th>
<th>Cementer</th>
<th>Helper</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>M. Kaufman</td>
<td>Dave F</td>
<td>Paul D.</td>
</tr>
</tbody>
</table>

**DEPTH of Job**

<table>
<thead>
<tr>
<th>Reference:</th>
<th>Pump Trk</th>
<th>Surface Plug</th>
<th>Permile 51m</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>430.00</td>
<td>42.00</td>
<td>114.75</td>
<td>588.75</td>
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</table>

<table>
<thead>
<tr>
<th>Tax</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

Cement Circulated

**Charge To**

Ritchie Exploration Inc

125 N Market Suite 1000

Wichita, Kansas 67202

The above was done to satisfaction and supervision of owner agent or contractor.

**Purchase Order No.**

X Ritch G. Wiel

**CEMENT**

Amount Ordered: 1805@ 50/40 @ 3 2.00 NC 2.60

**FROM CONFIDENTIAL**

<table>
<thead>
<tr>
<th>Common</th>
<th>RELEASED</th>
<th>575</th>
<th>121.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pos. Mix</td>
<td>30.00</td>
<td>7.00</td>
<td>21.00</td>
</tr>
<tr>
<td>Gd.</td>
<td>4.00</td>
<td>1.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Chloride</td>
<td>25.00</td>
<td>1.25</td>
<td>26.25</td>
</tr>
</tbody>
</table>

**Sales Tax**

Handling | 100.00 |

**Mileage**

51m | 04/05/20 |

**Total**

Copper Thr. | 823.80 |

Remarks:

Cement Circulated

Thanks
### Receipt and Work Details

**ALLIED CEMENTING CO., INC.**

Home Office P. O. Box 31
Russell, Kansas 67665

**Job Details**

- **Sec.** 28
- **Twp.** 5S
- **Range** 28W
- **Called Out Time:** 5:00 AM
- **On Location Time:** 8:00 AM
- **Finish Time:** 12:15 PM
- **Lease:** White 28B
- **Well No.:** 2
- **Location:** 14N 16E
- **Hill#:** 10
- **Jm:** 5

**Contractor:** Martin Rig 8

**Type Job:** PTA

<table>
<thead>
<tr>
<th><strong>Hole Size</strong></th>
<th><strong>T.D.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2 3/4</td>
<td>3785</td>
</tr>
</tbody>
</table>

**Charge To:** Ritchie Exploration Inc

- **Street:** 125 N Market, Suite 1000
- **City:** Wichita
- **State:** Kansas

**Owner:** Ritchie Exploration Inc

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed-

**Cement**

- **Amount Ordered:** 190 SKS 60 lbs, 6 SKS 60 lb 2 SKS 1750G

**EQUIPMENT**

<table>
<thead>
<tr>
<th>No.</th>
<th>Pumpkrk 277</th>
<th>Pumplkr 279</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cementer</td>
<td>Cementer</td>
</tr>
<tr>
<td></td>
<td>Dean Rundle</td>
<td>Carl Bazin</td>
</tr>
</tbody>
</table>

**Depth of Job:** 1940'

**Reference:**

- **Dry Hole Plug:** 21.00

**Handling:** 0 @ 1.00

**Mileage:** 38.76

**Total:** 190.00

**Remarks:**

- job plug at 1940' w/ 25 SKS
- 2d plug 97 11/48' w/ 180 SKS
- 3d plug at 300' w/ 40 SKS
- 10 SKS 97 40'
- 15 SKS in Ragg hole

**Thank you!**

**STATE COMMISSIONER OF MINING**

**SFP 2-1995**