FORM MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 4767
Name: Ritchie Exploration, Inc./Canyon Energy
Address: 125 N. Market, Suite 1000
City/State/Zip: Wichita, KS 67202
Purchaser: Koch Oil
Operator Contact Person: Lisa Thimmesh
Phone: 316-267-4375
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: B. Mathiesen

Designate Type of Completion
X New Well 
Re-Entry 
Workover
X Oil 
SWD 
SIGW 
Temp. Abd.
Gas 
ENHR 
SIGW.
Dry 
Other (Core, VSW, Expl.), Catholic, etc.

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

Released: 6/1996
Comp. Date: 12-20-95
Spud Date: 12-8-95
1-11-96

API NO. 15- 15-193-20,640
County: Thomas
SE - NE - NW Sec. 11
Land Description: 33W X 2310
Footage Calculated from Nearest Outside Section Corner:
Footage from SE (circle one) Line of Section
Footage from SW (circle one) Line of Section
990 Feet from SE (circle one) Line of Section
990 Feet from SW (circle one) Line of Section

Lease Name: E. Shughart 
Well # 1

Fluid Name: 
Producing Formation: Pawnee
Elevation: Ground 3101 
GS 3106
Total Depth: 4654 PBT 4430

If yes, show depth set 2673

Amount of Surface Pipe Set and Cemented at 261 Feet

If Alternate II completion, cement circulated from 2673

Drilling Fluid Management Plan ALT 2 9-4-96
(Data must be collected from the Reserve Pit)

If yes, show depth set 2673

Acidic content 3,000 ppm Fluid volume 900 bbls

dewatering method used evaporation

Location of fluid disposal if hauled offsite:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado

Office Building, Wichita, Kansas 67202, within 120 days of the spud date, reworkover, 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: Date: 3-26-96
Title: President

Subscribed and sworn to before me this 26th day of March, 1996
Notary Public

Date Commission Expires: 8-29-99

LISA THIMMESCH
NOTARY PUBLIC

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

Distribution

SVO/Rep. Other

Form ACD-1 (7-91)
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:
- Borehole Compensated Sonic Integrated Transit Time Log
- Correlation Cement Bond Log
- Compensated Neutron Compensated Photo-Density Log
- Array Induction Shallow Focused Electric Log

---

**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>12½&quot;</td>
<td>8 5/8&quot;</td>
<td>261</td>
<td>60/40 poz</td>
<td>165</td>
<td>2% gel 3% CC</td>
<td></td>
</tr>
<tr>
<td>production</td>
<td>7 7/8&quot;</td>
<td>5 1/2&quot;</td>
<td>14#&amp;15.5#</td>
<td>4651'</td>
<td>EA-2</td>
<td>195</td>
<td></td>
</tr>
</tbody>
</table>

PORT COLLAR 2673' 50/50 poz 360 2% gel

---

**Additional Cementsing/Squeeze Record**

- Perforate
- Protect Casing
- Plug Back To
- Plug Off Zone

---

**Perforation Record - Bridge Plugs Set/Type**

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Shots Per Foot</th>
<th>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>3</td>
<td>4448'-4452' Cherokee</td>
<td>900 gal 15% NE</td>
<td>Pawnee</td>
<td>4450'</td>
</tr>
<tr>
<td>3</td>
<td>4351'-4355' Pawnee</td>
<td>CIBP at 4430'</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>Open Hole</th>
<th>Yes  No</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 7/8&quot;</td>
<td>4407.25'</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Date of First, Resumed Production, SWD or Inj.**

1-11-96

**Producing Method**

- [ ] Flowing
- [ ] Pumping
- [ ] Gas Lift
- [ ] Other (Explain)

**Estimated Production**

<table>
<thead>
<tr>
<th>Per 24 Hours</th>
<th>Oil</th>
<th>Gas</th>
<th>Net</th>
<th>Water</th>
<th>Gas Oil Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>119</td>
<td>Bbls.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9.6</td>
<td>Bbls.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Disposition of Gas:**

- [ ] Vented
- [ ] Sold
- [ ] Used on Lease (If vended, submit AOG-18.)

**Method of Completion**

- [ ] Open Hole
- [ ] Perf.
- [ ] Dually Comp.
- [ ] Commingled
- [ ] Other (Specify)

**Production Interval**

4351'-4355'
DST #1 from 3941’ to 4004’ (Toronto - Lansing A zone). Recovered 90’ watery mud, 240’ muddy water, and 480’ water. 810’ total fluid. Sampler recovery: 2850 cc water, 100 cc mud.
IP: 72-302#/30”
ISIP: 1277#/30”
FFP: 468-489#/30”
FSIP: 1267#/30”.

DST #2 from 4003’ to 4045’ (Lansing B, C, and D zones). Recovered 280’ clean gassy oil (29° gravity), 300’ muddy gassy oil (15% gas, 60% oil, 25% mud), 360’ muddy gassy oil (10% gas, 71% oil, 19% mud). 940’ total fluid
IP: 156-395#/30”
ISIP: 1257#/30”
FFP: Plugged
FSIP: 1277#/30”.
Sampler recovery: 2,303 cc oil, 147 cc mud, 3.6 cf gas @ 300 psi
Note: No fluid recovery during final flow period: 940’ fluid in 30 minutes.

DST #3 from 4040’ to 4068’ (L/KC F zone). Recovered 760’ clean oil (37° gravity), 60’ heavy oil and gas cut mud (23% gas, 37% oil, 40% mud), and 60’ heavy oil and gas cut mud (15% gas, 37% oil, 48% mud). 880’ total fluid.
IP: 72-229#/30”
ISIP: 1267#/30”
FFP: 270-322#/30”
FSIP: 1246#/30”
Sampler recovery: 2565 cc oil, 135 cc mud, 2.28 cf gas @ 260 psi
DST #4 from 4072' to 4084' (L/KC G zone). No recovery in drill pipe.
IFP: 20-20#/30”; ISIP: 20#/30”; 
FFP: 20-20#/30”; FSIP: 20#/30”.
Sampler recovery: 5 cc oil, 495 cc mud @ 18 psi.

DST #5 from 4084' to 4120' (L/KC H zone). Recovered 70' very slightly oil cut mud (1% oil, 99% mud), 120' very slightly oil cut muddy water (1% oil, 4% mud, 95% water). 190' total fluid.
IFP: 52-72#/45”; ISIP: 1340#/60”; 
FFP: 104-114#/45”; FSIP: 1329#/60”.
Sampler recovery: 30 cc oil, 2970 cc water @ 180 psi.

DST #6 from 4116' to 4165' (L/KC J zone). Recovered 1830' clean oil (37° gravity), 120' slightly muddy gassy oil (4% mud, 10% gas, 86% oil). 1950' total fluid.
IFP: 114-406#/30”; ISIP: 1288#/45”; 
FFP: 468-697#/45”; FSIP: 1288#/90”.
Sampler recovery: 2850 cc oil, 1.82 cf gas @ 600 psi.

DST #7 from 4269' to 4374' (Altamont through Pawnee). Recovered 2450' clean oil (36° gravity) and 120' slightly muddy gassy oil (6% mud, 10% gas, 84% oil). 2570' total fluid.
IFP: 312-479#/30”; ISIP: 1174#/45”; 
FFP: 520-749#/45”; FSIP: 1174#/90”.
Sampler recovery: 2900 cc oil, 1.53 cf gas @ 625 psi.

DST #8 from 4416' to 4466' (Cherokee). Recovered 840' slightly mud cut oil (3% mud, 97% oil) (12° gravity), 60' oil cut muddy water (20% oil, 30% mud, 50% water). 900' total fluid.
IFP: 135-291#/30”; ISIP: 997#/45”; 
FFP: 322-395#/45”; FSIP: 914#/90”.
Sampler recovery: 1000 cc oil, 1500 cc water @ 200 psi.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 26 1996
CONSERVATION DIVISION
WICHITA, KS

RELEASED
APR 6 1998
FROM CONFIDENTIAL
### CONFIDENTIAL

**DIRECT CORRESPONDENCE TO:**

**RELEASED**

**APR 6 1998**

**FROM CONFIDENTIAL**

---

<table>
<thead>
<tr>
<th>REFERENCE NO.</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>000-117</td>
<td>MILEAGE CEMENTING ROUND TRIP</td>
<td>240 MJ</td>
<td>2.95</td>
<td>684.00</td>
<td></td>
</tr>
<tr>
<td>001-016</td>
<td>CEMENTING CASING</td>
<td>1 UNT</td>
<td>1.765.00</td>
<td>1.765.00</td>
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<tr>
<td>12A</td>
<td>GUIDE SHUK - 5 1/2&quot; 8RD THO.</td>
<td>1 FA</td>
<td>121.00</td>
<td>121.00</td>
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<td>825.295</td>
<td>INSERT FLOAT VALVE - 5 1/2&quot; 8RD</td>
<td>1 EA</td>
<td>110.00</td>
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<tr>
<td>815.19251</td>
<td>CENTRALIZER-TURBO-5-1/2&quot; X 8-1/2&quot;</td>
<td>4 EA</td>
<td>78.00</td>
<td>312.00</td>
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<tr>
<td>806.60172</td>
<td>BASKET-CMT-5 1/2 CSG X 17&quot; OD-</td>
<td>2 EA</td>
<td>110.00</td>
<td>220.00</td>
<td></td>
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<tr>
<td>806.71430</td>
<td>SUPER PLUNGE</td>
<td>10 SK</td>
<td>100.00</td>
<td>1,000.00</td>
<td></td>
</tr>
<tr>
<td>813.0151</td>
<td>BAKER PORT COLLAR</td>
<td>1 EA</td>
<td>1,300.00</td>
<td>1,300.00</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>FILL-UP UNIT 5 1/2&quot;-6 5/8&quot;</td>
<td>6 EA</td>
<td>69.00</td>
<td>414.00</td>
<td></td>
</tr>
<tr>
<td>815.19913</td>
<td>CEMENT - STANDARD</td>
<td>210 SK</td>
<td>8.46</td>
<td>1,776.60</td>
<td></td>
</tr>
<tr>
<td>504-308</td>
<td>SALT</td>
<td>900 LB</td>
<td>1.15</td>
<td>1,035.00</td>
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</tr>
<tr>
<td>507-775</td>
<td>HALAD-322</td>
<td>99 LB</td>
<td>7.00</td>
<td>693.00</td>
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<tr>
<td>508-127</td>
<td>CAL SEAL 60</td>
<td>10 SK</td>
<td>25.90</td>
<td>259.00</td>
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<tr>
<td>507-370</td>
<td>D-AIR 1, POWDER</td>
<td>53 LB</td>
<td>3.25</td>
<td>172.25</td>
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<tr>
<td>500-207</td>
<td>BULK SERVICE CHARGE</td>
<td>736 CPT</td>
<td>1.35</td>
<td>992.60</td>
<td></td>
</tr>
<tr>
<td>500-306</td>
<td>MILEAGE CTG MAT DEL OR RETURN</td>
<td>1307.520</td>
<td></td>
<td>1,742.14</td>
<td></td>
</tr>
</tbody>
</table>

**INVOICE SUBTOTAL**

**DISCOUNT (BID)**

**INVOICE BID AMOUNT**

**- KANSAS STATE SALES TAX**

**** CONTINUED ON NEXT PAGE ****

---

**TERMS:** If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

---

**PAGE: 1**
CONTRIBUTION

RITCHIE EXPLORATION INC
125 N MARKET STE 1000
WICHITA, KS 67202

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time of performance of services or delivery of equipment, products or materials. If customer has an approved
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to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer
agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.
<table>
<thead>
<tr>
<th>DATE: 12-9-95</th>
<th>SEC: 11</th>
<th>TWP: 6S</th>
<th>RANGE: 33E</th>
<th>CALLED OUT ON LOCATION: 11:15 AM</th>
<th>JOB START: 5:00 AM</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CONTRACTOR: Murray Dils Co.</th>
<th>TYPE OF JOB: Surface CEMENT</th>
<th>CONFIDENTIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOLE SIZE: 121/4</td>
<td>T.D.: 265'</td>
<td></td>
</tr>
<tr>
<td>CASING SIZE: 8 1/2</td>
<td>DEPTH: 261'</td>
<td></td>
</tr>
<tr>
<td>TUBING SIZE: 4 1/2</td>
<td>DEPTH: 261'</td>
<td></td>
</tr>
<tr>
<td>DRILL PIPE: 4 1/2</td>
<td>DEPTH: 261'</td>
<td></td>
</tr>
<tr>
<td>TOOL: 4 1/2</td>
<td>DEPTH: 261'</td>
<td></td>
</tr>
<tr>
<td>PRES. MAX: 1500</td>
<td>MINIMUM: 400</td>
<td></td>
</tr>
<tr>
<td>MEAS. LINE: SHOE JOINT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEMENT LEFT IN CSG.: 3</td>
<td>15'</td>
<td></td>
</tr>
</tbody>
</table>

**EQUIPMENT**

- PUMP TRUCK: CEMENTER - Walt
- HELPER - Lane
- BULK TRUCK: DRIVER - Paul
- BULK TRUCK:

**REMARKS:**

Cement did not come.

**RELEASED:**

APR 6-98

**FROM CONFIDENTIAL**

**CHARGE TO:** Hutchins Exploration Inc

**STREET:** 125 N Market St 1000

**CITY:** Wichita STATE: KS ZIP 67202

**DEPT OF JOB:** 261

**PUMP TRUCK CHARGE:** $445.00

**EXTRA FOOTAGE:**

**MILEAGE:** 35 miles @ 25c = 8.75

**PLUG:** 8 1/2 Surface

**TOTAL:** $572.25

**FLOAT EQUIPMENT:**

**TAX:**

**TOTAL CHARGE:**

**DISCOUNT:**

**IF PAID IN 30 DAYS**

---

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent of contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

**SIGNATURE:** Keith Van Boxt
**ALLIED CEMENTING CO., INC.**

**REMIT TO:** P.O. BOX 31
**Address:** RUSSELL, KANSAS 67665

**SERVICE POINT:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Sec</th>
<th>TYP.</th>
<th>Range</th>
<th>Called Qu.</th>
<th>On Location</th>
<th>Job Start</th>
<th>Job Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/26/95</td>
<td>11</td>
<td>Cs</td>
<td>334</td>
<td>9:15 AM</td>
<td>Colby 10n 4 1/2 E 5 1/2</td>
<td>11:45 AM</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>

**LEASE**

- WELL #: 1
- OLD OR NEW (Circle one): NEW

**CONTRACTOR**

- **Type of Job:** Port Collar
- **Hole Size:** T.D.
- **Casing Size:** Depth
- **Tubing Size:** 2 7/8 Depth 2673
- **Drill Pipe:** Depth
- **Tool:** Depth
- **Pres. Max:** 1250
- **Meas. Line:** Shoulder Joint
- **Cement Left in Csg:**
- **Perfs:**

**EQUIPMENT**

- **Pump Truck:** CEMENTER Max
- **Helper:** Wal
- **Bulk Truck:** Driver Terry
- **Bulk Truck:** # 2/9 Driver Dew

**REMARKS:**

- **Test:** The 1/06/95 Open Tool Pump
- **Sample:** Money Run Mix Out
- **Discharge:** 144 M.D. Class
- **Test:** To 1/26 P.S.I. Run in 1 1/2 hrs
- **Reverse out:** Cement De Collar

**CHARGE TO:** Ritchie Exploration
**Street:** 125 N Market

**CITY:** Wichita
**State:** Kan
**ZIP:** 67202

**AMOUNT ORDERED:**

- 360 SKS 50/50 CEMENT
- 50/50 Flo Seal

**TOTAL:** 3,485

**SERVICE**

- **Depth of Job:** 2673
- **Pump Truck Charge:** 550
- **Extra Footage:** @ 25 82
- **Mileage:** 35 - Mi
- **Plug:**

**Released:**

- **April 1995
- **Total:** 632.25

**From Confidential**

**Float Equipment**

**TAX**

**TOTAL CHARGE**

**DISCOUNT**

**IF PAID IN 30 DAYS**

---

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You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

**Signature:**