

3/21/14

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

CONFIDENTIAL

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 1: P.O. Box 783188  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67278 + 3188  
Contact Person: John Niernberger  
Phone: (316) 691-9500  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc  
Wellsite Geologist: Terry McLeod  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  WSW  SWD  SIOW  
 Gas  D&A  ENHR  SIGW  
 OG  GSW  Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled Permit #: \_\_\_\_\_  
 Dual Completion Permit #: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  
 GSW Permit #: \_\_\_\_\_

11/26/11 12/7/11 12/7/11  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 063-21957-00-00  
Spot Description: 118' S & 22' W  
S/2\_SW\_SW Sec. 19 Twp. 13 S. R. 31  East  West  
212 Feet from  North /  South Line of Section  
638 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Gove  
Lease Name: Campbell-Joseph Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2873 Kelly Bushing: 2884  
Total Depth: 4750 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 231 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 17000 ppm Fluid volume: 800 bbls  
Dewatering method used: evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: 3/21/12

KCC Office Use ONLY

Letter of Confidentiality Received  
Date: 3/21/12 - 3/21/14  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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Operator Name: Ritchie Exploration, Inc. Lease Name: Campbell-Joseph Well #: 1  
 Sec. 19 Twp. 13 S. R. 31  East  West County: Gove

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|  |  |
|--|--|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run:<br><b>Radiation Guard Log</b> | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample<br>Name Top Datum<br><br>SEE ATTACHED |
|--|--|

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                   |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface   | 12-1/4"           | 8-5/8"                    | 23#               | 231           | common         | 175          | 3% cc, 2% gel              |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |              |                            |
|  |                  |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
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TUBING RECORD:      Size:      Set At:      Packer At:      Liner Run:  Yes  No **KCC**

|   |   |         |   |
|---|---|---------|---|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method:<br><input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ |         |   |
| Estimated Production Per 24 Hours               | Oil Bbls.   | Gas Mcf | Water Bbls.      Gas-Oil Ratio      Gravity |

|   |   |  |
|---|---|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|---|--|

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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**#1 Campbell-Joseph**  
212' FSL & 638' FWL  
118' S & 22' W of S/2 SW SW Section 19-13S-31W  
Gove County, Kansas  
API# 15-063-21957-0000  
Elevation: 2873' GL: 2884' KB

| Sample Tops    |       |       | Ref.<br>Well |
|----------------|-------|-------|--------------|
| Anhydrite      | 2375' | +509  | -6           |
| B/Anhydrite    | 2399' | +485  | -8           |
| Heebner        | 3888' | -1004 | -19          |
| Toronto        | 3912' | -1028 | -19          |
| Lansing        | 3931' | -1047 | -19          |
| LKC "C"        | 3961' | -1077 | -13          |
| LKC "F"        | 4021' | -1137 | -19          |
| Muncie Shale   | 4081' | -1197 | -18          |
| LKC "H"        | 4096' | -1212 | -20          |
| Stark Shale    | 4169' | -1285 | -19          |
| Hush.          | 4205' | -1321 | -18          |
| BKC            | 4238' | -1354 | -11          |
| Marmaton       | 4259' | -1375 | -12          |
| Altamont       | 4313' | -1429 | -9           |
| Pawnee         | 4367' | -1483 | -16          |
| Myrick         | 4405' | -1521 | -17          |
| Fort Scott     | 4423' | -1539 | -19          |
| Cherokee Shale | 4452' | -1568 | -20          |
| Johnson        | 4497' | -1613 | -22          |
| Morrow Sand    | 4474' | -1690 | NA           |
| Mississippian  | 4628' | -1744 | -108         |
| RTD            | 4750' | -1866 |              |

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# ALLIED CEMENTING CO., LLC. 037423

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665.

SERVICE POINT:  
*Great Bend, KS*

|                                    |                 |                                     |                 |  |                     |                          |                           |
|------------------------------------|-----------------|-------------------------------------|-----------------|--|---------------------|--------------------------|---------------------------|
| DATE <i>11-26-11</i>               | SEC <i>19</i>   | TWP. <i>13</i>                      | RANGE <i>31</i> | CALLED OUT                               | ON LOCATION         | JOB START <i>1:00 PM</i> | JOB FINISH <i>2:30 PM</i> |
| LEASE <i>Joseph</i>                | WELL # <i>1</i> | LOCATION <i>Okley, KS, 11 south</i> |                 |  | COUNTY <i>Osage</i> | STATE <i>KS</i>          |                           |
| OLD OR NEW (Circle one) <i>NEW</i> |                 |                                     |                 | <i>East 3 south 1/2 west 30 1/4 into</i> |                     |                          |                           |

CONTRACTOR *Wagner Rig #2* OWNER *Ritchie Exploration*

|   |                                |
|---|--------------------------------|
| TYPE OF JOB <i>Surface</i>                | CEMENT                         |
| HOLE SIZE <i>12 1/4</i> T.D. <i>231</i>   | AMOUNT ORDERED <i>115 slbs</i> |
| CASING SIZE <i>8 5/8</i> DEPTH <i>231</i> | <i>Class A 20/00 29/00</i>     |
| TUBING SIZE DEPTH                         |                                |
| DRILL PIPE DEPTH                          |                                |
| TOOL DEPTH                                |                                |

|                                   |            |                   |                |                 |
|-----------------------------------|------------|-------------------|----------------|-----------------|
| PRES. MAX                         | MINIMUM    | COMMON <i>175</i> | @ <i>16.25</i> | <i>2,843.75</i> |
| MEAS. LINE                        | SHOR JOINT | POZMIX            | @              |                 |
| CEMENT LEFT IN CSG. <i>15 FT.</i> |            | GEL <i>4</i>      | @ <i>21.25</i> | <i>85.00</i>    |
| PERFS.                            |            | CHLORIDE <i>6</i> | @ <i>58.20</i> | <i>349.20</i>   |
| DISPLACEMENT                      |            | ASC               | @              |                 |

### EQUIPMENT

|                  |                        |
|------------------|------------------------|
| PUMP TRUCK       | CEMENTER <i>Greg L</i> |
| # <i>298</i>     | HELPER <i>Shane K</i>  |
| BULK TRUCK       |                        |
| # <i>298/110</i> | DRIVER <i>Jim H</i>    |
| BULK TRUCK       |                        |
| #                | DRIVER                 |

|                             |               |                      |
|-----------------------------|---------------|----------------------|
| HANDLING <i>185</i>         | @ <i>2.25</i> | <i>416.25</i>        |
| MILEAGE <i>185 x 17.811</i> |               | <i>3295.95</i>       |
|                             |               | TOTAL <i>4040.15</i> |

### REMARKS:

*Pipe on bottom breaks circulation  
with rig pump - Hook up pump  
with class A 20/00 29/00  
Displace with 10% br fresh water  
cement did circulate  
Plug down @ 2:30 AM*

### SERVICE

|                         |               |                      |
|-------------------------|---------------|----------------------|
| DEPTH OF JOB <i>231</i> |               |                      |
| PUMP TRUCK CHARGE       |               | <i>1125.00</i>       |
| EXTRA FOOTAGE           | @             |                      |
| MILEAGE <i>Hum 34</i>   | @ <i>7.00</i> | <i>238.00</i>        |
| MANIFOLD                | @             |                      |
| <i>Hum 34</i>           | @ <i>4.00</i> | <i>136.00</i>        |
|                         |               | TOTAL <i>1499.00</i> |

CHARGE TO: *Ritchie Exploration*  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

|  |   |             |
|--|---|-------------|
|  | @ |             |
|  | @ |             |
|  | @ |             |
|  | @ |             |
|  | @ |             |
|  |   | TOTAL _____ |

To Allied Cementing Co., LLC:  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Lesay Tinoco*

SIGNATURE *Lesay Tinoco*

*Thank You*

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES *5539.15*  
*20%* DISCOUNT *1107.83*  
*4431.32* IF PAID IN 30 DAYS

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KCC WICHITA

# ALLIED CEMENTING CO., LLC. 036049

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Bally

|                                    |                  |                                     |                 |            |                    |                          |                           |
|------------------------------------|------------------|-------------------------------------|-----------------|------------|--------------------|--------------------------|---------------------------|
| DATE <u>12/7/14</u>                | SEC. <u>19</u>   | TWP. <u>13</u>                      | RANGE <u>31</u> | CALLED OUT | ON LOCATION        | JOB START <u>10:30am</u> | JOB FINISH <u>11:30am</u> |
| LEASE <u>Campbell - Joseph</u>     | WELL # <u>#1</u> | LOCATION <u>Bally 1153E 35 1/4W</u> |                 |            | COUNTY <u>Cove</u> | STATE <u>Ks</u>          |                           |
| OLD OR NEW (Circle one) <u>NEW</u> |                  |                                     |                 |            |                    |                          |                           |

CONTRACTOR MacGinty OWNER Jan

TYPE OF JOB PTA

|                          |                  |                                     |
|--------------------------|------------------|-------------------------------------|
| HOLE SIZE <u>7 1/2</u>   | T.D. <u>4280</u> | CEMENT                              |
| CASING SIZE <u>8 5/8</u> | DEPTH <u>283</u> | AMOUNT ORDERED <u>200 SKS 60/40</u> |
| TUBING SIZE              | DEPTH            | <u>14 1/2 Flo Seal</u>              |
| DRILL PIPE <u>4 1/2</u>  | DEPTH            |                                     |
| TOOL                     | DEPTH            |                                     |

|                     |            |                   |                |                |
|---------------------|------------|-------------------|----------------|----------------|
| PRES. MAX           | MINIMUM    | COMMON <u>132</u> | @ <u>16.25</u> | <u>2145.00</u> |
| MEAS. LINE          | SHOE JOINT | POZMIX <u>80</u>  | @ <u>8.00</u>  | <u>740.00</u>  |
| CEMENT LEFT IN CSG. |            | GEL <u>8</u>      | @ <u>21.25</u> | <u>170.00</u>  |
| PERFS.              |            | CHLORIDE          | @              |                |
| DISPLACEMENT        |            | ASC               | @              |                |

EQUIPMENT

|                                  |        |                      |               |                |
|----------------------------------|--------|----------------------|---------------|----------------|
| PUMP TRUCK CEMENTER <u>Ala</u>   |        | <u>Flo Seal 55lb</u> | @ <u>2.70</u> | <u>1485.00</u> |
| # <u>422</u> HELPER <u>Terry</u> |        |                      | @             |                |
| BULK TRUCK                       |        |                      | @             |                |
| # <u>347</u> DRIVER <u>Tyler</u> |        |                      | @             |                |
| BULK TRUCK                       |        |                      | @             |                |
| #                                | DRIVER |                      | @             |                |

HANDLING 231 SK @ 2.25 519.75  
MILEAGE 110 SK/mile 484.00

TOTAL 4215.75

REMARKS:

25 SK @ 2394'  
100 SK @ 1449'  
40 SK @ 283'  
10 SK @ 40'  
30 SK Rat Hole  
15 SK Mouse Hole

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

|                        |                |               |
|------------------------|----------------|---------------|
| DEPTH OF JOB           | <u>2394'</u>   |               |
| PUMP TRUCK CHARGE      | <u>1250.00</u> |               |
| EXTRA FOOTAGE          | @              |               |
| MILEAGE <u>20</u>      | @ <u>7.00</u>  | <u>140.00</u> |
| MANIFOLD               | @              |               |
| <u>late vehicle 20</u> | @ <u>4.00</u>  | <u>80.00</u>  |
|                        | @              |               |

TOTAL 1470.00

PLUG & FLOAT EQUIPMENT

|       |   |       |
|-------|---|-------|
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |

TOTAL \_\_\_\_\_

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME \_\_\_\_\_

SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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KCC [Signature]