

AUG 31 2010

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

Blanks must be Filled

CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

KCC WICHITA

WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/30/12

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: P.O. Box 783188
Address 2:
City: Wichita State: KS Zip: 67278 + 3118
Contact Person: John Niernberger
Phone: (316) 691-9500
CONTRACTOR: License #
Name:
Wellsite Geologist:
Purchaser: NCRA

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Designate Type of Completion:

- Oil, Gas, OG, CM, Cathodic, WSW, D&A, ENHR, GSW, SWD, ENHR, GSW, SLOW, SIGW, Temp. Abd.

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

Operator: Ritchie Exploration
Well Name: Hess 29C 1
Original Comp. Date: 7/26/09 Original Total Depth: 4610
Deepening, Re-perf, Conv. to ENHR, Conv. to SWD, Conv. to GSW
Plug Back, Commingled, Dual Completion, SWD, ENHR, GSW

6/18/10 6/25/10 6/25/10
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 063-21791-00-0601
Spot Description: 35'S & 35'W of NW SE SW
NW, NW, SE, SW Sec. 29 Twp. 13 S. R. 31
1,120 Feet from North / South Line of Section
1,450 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner: NE, NW, SE, SW
County: Gove
Lease Name: Hess 29C Well #: 1
Field Name:
Producing Formation: LKC/Myric/Johnson
Elevation: Ground: 2887 Kelly Bushing: 2897
Total Depth: 4610 Plug Back Total Depth: 4554
Amount of Surface Pipe Set and Cemented at: 224 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2361 Feet
If Alternate II completion, cement circulated from: surface
feet depth to: 2361 w/ 315 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: Permit #:

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: 8/30/10

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 8/30/10 - 8/30/12
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
Approved by: [Signature] Date: 9-9-10

Operator Name: Ritchie Exploration, Inc. Lease Name: Hess 29C **CONFIDENTIAL** Well #: 1  
 Sec. 29 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>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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br>Name Top Datum<br><br>SEE ATTACHED<br><br><div style="text-align: right; font-weight: bold; font-size: 1.2em;">                     RECEIVED<br/>                     AUG 31 2010<br/>                     KCC WICHITA                 </div> |
|--|--|

| 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                | 224           | common         | 165          | 3%cc, 2% gel                 |
| Production  | 7-7/8             | 5-1/2                     | 15.5              | 4603          | ASC            | 200          | 10% sat, 2% gel & 3/4% CD-31 |
|   |                   |                           |                   |               |                |              |                              |

| 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 |
|----------------|---|--|-------|
| 4              | 4486' - 4489' (8/6/09)  |  |       |
| 4              | 4392' - 4396' (8/6/09)  | 500 gals 15% NE (8/7/09)   |       |
| 4              | 4087' - 4092' (8/10/09)   | 750 gals 15% NE (8/11/09)  |       |
| 4              | 4138' - 4141', 4123.5' - 4128' (6/21/10)  | 750 gals 15% NE (6/23/10)  |       |
| 4              | 4220' - 4222', 4224.5' - 4227.5' (6/21/10)  | 500 gals 15% NE (6/23/10)  |       |

|                |                     |                      |                     |  |
|----------------|---------------------|----------------------|---------------------|--|
| TUBING RECORD: | Size: <u>2 7/8"</u> | Set At: <u>4545'</u> | Packer At: <u> </u> | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|----------------|---------------------|----------------------|---------------------|--|

|  |   |
|--|---|
| Date of First, Resumed Production, SWD or ENHR. <u> </u> | Producing Method:<br><input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u> |
|--|---|

|                                   |                        |                  |                         |                        |                     |
|-----------------------------------|------------------------|------------------|-------------------------|------------------------|---------------------|
| Estimated Production Per 24 Hours | Oil Bbls. <u>88.35</u> | Gas Mcf <u> </u> | Water Bbls. <u>0.00</u> | Gas-Oil Ratio <u> </u> | Gravity <u>39.8</u> |
|-----------------------------------|------------------------|------------------|-------------------------|------------------------|---------------------|

|   |   |  |
|---|---|--|
| 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled<br><i>(Submit ACO-5) (Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) <u> </u> | PRODUCTION INTERVAL:<br><u> </u><br><u> </u> |
|---|---|--|



**#1 Hess 29C**

1120' FSL & 1450' FWL

35'S & 35'W of C NW NW SE SW Section 29-13S-31W

Gove County, Kansas

API# 15-063-21791-0000

Elevation: 2887' GL: 2897' KB

| <u>Sample Tops</u> |       |       | <u>Ref.<br/>Well</u> |
|--------------------|-------|-------|----------------------|
| Anhydrite          | 2371' | +526  | +1                   |
| B/Anhydrite        | 2393' | +504  | +3                   |
| Heebner            | 3880' | -983  | +6                   |
| Lansing            | 3926' | -1029 | +7                   |
| Lansing "C"        | 3959' | -1062 | +7                   |
| Lansing "D"        | 3975' | -1078 | +9                   |
| Lansing "E"        | 4000' | -1103 | +13                  |
| Muncie Shale       | 4071' | -1174 | +9                   |
| Lansing "H"        | 4085' | -1188 | +9                   |
| Lansing "I"        | 4119' | -1222 | +7                   |
| Lansing "J"        | 4139' | -1242 | +9                   |
| Stark Shale        | 4159' | -1262 | +9                   |
| Lansing "K"        | 4167' | -1270 | +9                   |
| Lansing "L"        | 4207' | -1310 | +7                   |
| BKC                | 4232' | -1335 | +8                   |
| Pawnee             | 4360' | -1463 | +4                   |
| Myric Station      | 4393' | -1496 | +6                   |
| Cherokee Shale     | 4437' | -1540 | +7                   |
| Johnson            | 4479' | -1582 | +7                   |
| Morrow Sand        | 4511' | -1614 | flat                 |
| Mississippian      | 4522' | -1625 | +19                  |
| RTD                | 4610' | -1713 |                      |

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