

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Rec'd  
11-25-02

ORIGINAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: PO Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: NCRA  
Operator Contact Person: Karen Hopper  
Phone: (316) 691-9500  
Contractor: Name: \_\_\_\_\_  
License: \_\_\_\_\_  
Wellsite Geologist: \_\_\_\_\_

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KCC

NOV 22 2002

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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., etc.)

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

If Workover/Re-entry: Old Well Info as follows:  
 Operator: Ritchie Exploration, Inc.  
 Well Name: Hutton  
 Original Comp. Date: 5/22/85 Original Total Depth: 4358'  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 4319 Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
 8/26/02 8/27/02  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 063-20,903-00-01  
 County: Gove  
SE SE SW Sec. 6 Twp. 14 S. R. 27  East  West  
4950 feet from S (N) (circle one) Line of Section  
2970 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW (SW)  
 Lease Name: Hutton Well #: 1  
 Field Name: Castle Rock North  
 Producing Formation: L/KC  
 Elevation: Ground: 2577 Kelly Bushing: 2582  
 Total Depth: 4358' Plug Back Total Depth: 4319'  
 Amount of Surface Pipe Set and Cemented at 344 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 show depth set 2022 Feet  
 If Alternate II completion, cement circulated from 2022  
 feet depth to surface w/ 550 sx cmt.

Drilling Fluid Management Plan Workover by 11-27-02  
 (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 No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: 11/22/02  
 Subscribed and sworn to before me this 22<sup>nd</sup> day of November, 2002  
 Notary Public: Karen Hopper  
 Date Commission Expires: \_\_\_\_\_

**KAREN HOPPER**  
 Notary Public - State of Kansas  
 My Appt. Expires 10/27/03

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Hutton Well #: 1  
 Sec. 6 Twp. 14 S. R. 27 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

|   |  |
|---|--|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>(Attach Additional Sheets)<br><br>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes No<br>(Submit Copy)<br><br>List All E. Logs Run:<br><br>RA Guard Log | Log Formation (Top), Depth and Datum<br><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#               | 344           | Class A        | 215          | 2% gel, 3% cc              |
| Production  | 7 7/8"            | 4 1/2"                    | 10.5#             | 4353'         | 60/40 poz      | 200          | 10% salt                   |
|   |                   |                           |                   |               |                |              |                            |

| 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>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 2              | 4011-14, 4005.5-8, 3982-85.5  | 1950 gal 28%  |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

|   |           |         |   |               |           |     |  |
|---|-----------|---------|---|---------------|-----------|-----|--|
| TUBING RECORD                                   |           | Size    | Set At  | Packer At     | Liner Run | Yes | <input checked="" type="checkbox"/> No |
|   |           | 2 3/8"  | 4319  | 4319 (NEW)    |           |     |  |
| Date of First, Resumed Production, SWD or Enhr. |           |         | Producing Method  |               |           |     |  |
| 8/27/02   |           |         | Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/> |               |           |     |  |
| Estimated Production Per 24 Hours               | Oil Bbls. | Gas Mcf | Water Bbls.   | Gas-Oil Ratio | Gravity   |     |  |
|   | 4         |         | 2   |               |           |     |  |

Disposition of Gas      **METHOD OF COMPLETION**      Production Interval

Vented    Sold     Used on Lease      Open Hole     Perf.    Dually Comp.     Commingled  
 (If vented, Sumit ACO-18.)       Other (Specify) \_\_\_\_\_