

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

5/9/13

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

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

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If Workover/Re-entry: Old Well Info as follows:
 Operator: Ritchie Exploration
 Well Name: Walker A
 Original Comp. Date: 7/1982 Original Total Depth: 4425

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 #: _____

1/26/2011	1/26/2011	2/5/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-22,260 -0002

Spot Description: _____
 _____ NW NE Sec. 34 Twp. 16 S. R. 22 East West
660 Feet from North / South Line of Section
1,980 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Ness
 Lease Name: Walker A Well #: 1
 Field Name: Brownell SW
 Producing Formation: Fort Scott, Cherokee, Mississippian
 Elevation: Ground: 2371 Kelly Bushing: 2378
 Total Depth: 4388 Plug Back Total Depth: 4375
 Amount of Surface Pipe Set and Cemented at: 258 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: _____ Feet
 If Alternate II completion, cement circulated from: 1675'
 feet depth to: surface w/ 475 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: 4/1/2011

KCC Office Use ONLY RECEIVED

Letter of Confidentiality Received
 Date: 5/9/11 - 5/9/13 **MAY 10 2011**

Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

KCC WICHITA

ALT I II III Approved by: NJ Date: 5-11-11

Operator Name: Ritchie Exploration, Inc. Lease Name: Walker A Well #: 1
 Sec. 34 Twp. 16 S. R. 22 East West County: Ness

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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: RA Guard Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum SEE ATTACHED <div style="text-align: center;"> MAY 09 2011 CONFIDENTIAL </div>
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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#	258'		175	
production	7 7/8	4.5	10.5#	4423'		150	

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4381' - 4387' (Mississippian) (09-25-82) (set CIBP @ 4372' - 09-27-82)	200 gals 15% INS (09-25-82)	
	**** drilled out CIBP at 4372' (01-28-11)		
3	4298' - 4304' (Cherokee) (11-18-96)	600 gals 7.5% Pentall 200 (11-19-96)	
2	4297' - 4299.5' (Cherokee) (05-24-85)	300 gals 7.5% INS (07/18/85), 375 gals 7.5% Pentall 200 (01-28-11)	
0	4281' - 4286' (Fort Scott) (09-27-82)	800 gals 28% NE (09-28-82), 375 gals 7.5% Pentall 200 (01-28-11)	

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4375'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>2-5-11</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>5.01</u>	Gas Mcf <u>40</u> Water Bbls. _____ Gas-Oil Ratio _____

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

660' FNL & 1980' FEL or NW NE

Section 34-16S-22W

Ness County, Kansas

API# 15-135-22,260

Elevation: 2371' GL: 2378' KB

DRILLING REPORT

<u>Sample Tops</u>		<u>Log Tops</u>	
Anhydrite	1686' +692	Anhydrite	1692' +686
B/Anhydrite	1727' +651	B/Anhydrite	1728' +650
Heebner	3769' -1391	Heebner	3774' -1396
Toronto	3791' -1413	Toronto	3796' -1418
Lansing	3809' -1431	Lansing	3814' -1436
B/KC	4084' -1706	B/KC	4082' -1704
Pawnee	4181' -1803	Pawnee	4184' -1806
Ft. Scott	4276' -1898	Ft. Scott	4280' -1902
Cherokee Sand	4294' -1916	Cherokee Sand	4297' -1919
Mississippian	4359' -1981	Mississippian	4368' -1990
RTD	4425' -2047	LTD	4380' -2002
		LTD (2 nd log)	4428' -2050

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