

CONFIDENTIAL

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

ORIGINAL
4/24/10
Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: P.O. Box 783188
 City/State/Zip: Wichita, KS 67278-3188
 Purchaser: _____
 Operator Contact Person: Craig Caulk
 Phone: (316) 691-9500
 Contractor: Name: Murfin Drilling Co, Inc.
 License: 30606
 Wellsite Geologist: Roger Fisher
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

3/6/08	3/18/08	3/19/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 101-22081-0000
 County: Lane
 approx. NE NW NE Sec. 27 Twp. 20 S. R. 30 East West
150 feet from S / N (circle one) Line of Section
1680 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Stevenson-York Well #: 1
 Field Name: _____
 Producing Formation: _____
 Elevation: Ground: 2865 Kelly Bushing: 2875
 Total Depth: 4740 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 217 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 P. PA NJ 6 12 09
 (Data must be collected from the Hess.)
 Chloride content 12000 ppm Fluid volume 1000 bbls
 Dewatering method used evaporation
 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: [Signature]
 Title: Geologist Date: 4/24/08
 Subscribed and sworn to before me this 24th day of April
 20 08
 Notary Public: [Signature]
 Date Commission Expires: 5-4-11

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appl. Expires 5-4-11

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Stevenson-York Well #: 1
 Sec. 27 Twp. 20 S. R. 30 East West County: Lane

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 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p>
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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	217	common	170	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 <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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <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 Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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#1 Stevenson-York

150' FNL & 1680' FEL

180'N & 30'W of C NE NW NE Section 27-20S-30W

Lane County, Kansas

API# 15-101-22081-0000

Elevation: 2865' GL, 2875' KB

Sample Tops			Ref. Well
Anhydrite	2157'	+718	-12
B/Anhydrite	2177'	+698	-14
Stotler	3521'	-646	-4
Topeka	3681'	-806	-7
Heebner	3945'	-1070	-8
Lansing	3988'	-1113	-8
Lansing "J" zone	4232'	-1357	+1
Lansing "K" zone	4273'	-1398	+4
Marmaton	4365'	-1490	-4
Altamont	4416'	-1541	-5
Pawnee	4498'	-1623	-12
Myric	4524'	-1649	-12
Fort Scott	4542'	-1667	-16
Cherokee Shale	4564'	-1698	-15
Johnson	4603'	-1728	-14
Mississippian	4631'	-1756	-12
RTD	4740'	-1865	

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

32180

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

SERVICE POINT:
Oakley, KS

DATE <u>3-19-08</u>	SEC. <u>27</u>	TWP. <u>20</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION <u>4:00am</u>	JOB START <u>8:30am</u>	JOB FINISH <u>9:00am</u>
LEASE <u>Stevenson York</u>	WELL# <u>#1</u>	LOCATION <u>Amy 1/2w. 13s. 11w</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>5 6</u>			

CONTRACTOR Murphy #14 OWNER _____

TYPE OF JOB PFA

HOLE SIZE 7 1/8 T.D. 4750'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2170'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

CEMENT AMOUNT ORDERED 275 60140 490

sel 1 1/4" # 210.5cm

COMMON	<u>165</u>	@ <u>14 30</u>	<u>2343 00</u>
POZMIX	<u>110</u>	@ <u>7 30</u>	<u>792 00</u>
GEL	<u>9</u>	@ <u>18 75</u>	<u>168 75</u>
CHLORIDE		@ _____	_____
ASC		@ _____	_____

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzt

431 HELPER LaRene

BULK TRUCK _____

394 DRIVER Will

BULK TRUCK _____

_____ DRIVER _____

<u>Flt. seal 69*</u>	@ <u>2 25</u>	<u>155 25</u>
HANDLING	<u>287</u>	@ <u>2 15</u> <u>617 25</u>
MILEAGE	<u>1,092.5km</u>	<u>1937 25</u>
		TOTAL <u>6013 30</u>

REMARKS:

50 SKS @ 2170'

80 SKS @ 1380'

50 SKS @ 680' Thanks

50 SKS @ 250' Fuzzt & crew

20 SKS @ 60'

15 SKS RH

10 SKS MH

Job complete @ 9:00am

SERVICE

DEPTH OF JOB 2170'

PUMP TRUCK CHARGE _____ 1075 00

EXTRA FOOTAGE @ _____

MILEAGE 75 @ 7 00 525 00

MANIFOLD @ _____

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1600 00

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
		TOTAL _____

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 or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Greg Ulrich

GREG ULRICH
PRINTED NAME

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APR 25 2008
CONSERVATION DIVISION
WICHITA, KS

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KCC

ALLIED CEMENTING CO., INC.

32122

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

SERVICE POINT:
Oakley Ks

DATE <u>3-6-08</u>	SEC. <u>27</u>	TWP. <u>20^s</u>	RANGE <u>30^w</u>	CALLED OUT	ON LOCATION <u>3:00 Pm</u>	JOB START <u>5:00 Pm</u>	JOB FINISH <u>5:30</u>
LEASE <u>Stevenson - Vark</u>	WELL # <u>1</u>	LOCATION <u>Amy (Dodge Rd) 135-44w Lane</u>			COUNTY <u>Lane</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)				<u>SS</u>			

CONTRACTOR <u>MurFin Dals Co #14</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Sur Face</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>220'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>220'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>13 BBL</u>	
AMOUNT ORDERED <u>170 sks com</u>	
<u>3% cc - 2% cel</u>	

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Walt</u>
# <u>422</u>	HELPER <u>Wayne</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>Larene</u>
BULK TRUCK	
#	DRIVER

COMMON	<u>170- sks @ 14²⁰</u>	<u>2,414⁰⁰</u>
POZMIX	@	
GEL	<u>3 sks @ 18⁷⁵</u>	<u>56²⁵</u>
CHLORIDE	<u>6 sks @ 52⁴⁵</u>	<u>314⁷⁰</u>
ASC	@	
HANDLING	<u>179- sks @ 2¹⁵</u>	<u>384⁸⁵</u>
MILEAGE	<u>94 per sk/mile</u>	<u>886⁰⁰</u>
TOTAL		<u>4,055⁸⁵</u>

REMARKS: **CONFIDENTIAL**
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Cement Did Cure
Thank You

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>917⁰⁰</u>
EXTRA FOOTAGE	@
MILEAGE <u>59- miles</u>	@ <u>7⁰⁰</u> <u>385⁰⁰</u>
MANIFOLD	@
<u>Head rental</u>	@ <u>113⁰⁰</u>
TOTAL	<u>1,415⁰⁰</u>

CHARGE TO: Ritchie Exploration, Inc
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>898</u>	
<u>1-Sur Face Plug</u>	@ <u>68⁰⁰</u>
	@
	@
	@
	@
TOTAL	<u>68⁰⁰</u>

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TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Greg Church

GREG Church
PRINTED NAME

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