

CONFIDENTIAL

KANSAS CORPORATION COMMISSION. OIL & GAS CONSERVATION DIVISION

ORIGINAL 3/21/14

Form ACO-1 June 2009

Form Must Be Typed Form must be Signed All blanks must be Filled

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 Niemberger Phone: (316) 691-9500 CONTRACTOR: License # 30606 Name: Murfin Drilling Co., Inc. Wellsite Geologist: Jeff Christian Purchaser:

Designate Type of Completion: [X] New Well [] Re-Entry [] Workover [] Oil [] WSW [] SWD [] SIOW [] Gas [X] 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 #:

12/10/11 12/19/11 12/19/11 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 109-21054-00-00 Spot Description: 130' N & 100' W of E/2 SW/4 Sec. 13 Twp. 13 S. R. 32 [] East [X] West 1,450 Feet from [] North [X] South Line of Section 1,880 Feet from [] East [X] West Line of Section Footages Calculated from Nearest Outside Section Corner: [] NE [] NW [] SE [X] SW County: Logan Lease Name: Eaton 13CD Well #: 1 Field Name: Producing Formation: Elevation: Ground: 2949 Kelly Bushing: 2959 Total Depth: 4715 Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: 236 Feet Multiple Stage Cementing Collar Used? [] Yes [X] 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: 15000 ppm Fluid volume: 900 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 [X] Letter of Confidentiality Received Date: 3/21/12 - 3/21/14 [] Confidential Release Date: [X] Wireline Log Received [X] Geologist Report Received [] UIC Distribution ALT [] I [X] II [] III Approved by: NS Date: 3-26-12 RECEIVED MAR 22 2012 KCC WICHITA

Operator Name: Ritchie Exploration, Inc. Lease Name: Eaton 13CD Well #: 1
 Sec. 13 Twp. 13 S. R. 32 East West County: Logan

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 <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, 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 SEE ATTACHED
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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#	236'	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 <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 type="checkbox"/> No	
Date of First, Resumed 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 _____ Gas-Oil Ratio _____ Gravity _____

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

EXPLORATION, INC.
Wichita, Kansas

#1 Eaton 13CD

1450' FSL & 1880' FWL

130' N & 100' W of E/2 SW/4

Section 13-13S-32W

Logan County, Kansas

API# 15-109-21054-0000

Elevation: 2949' GL: 2959' KB

Sample Tops			Ref. Well
Anhydrite	2456'	+503	+7
B/Anhydrite	2477'	+482	+7
Heebner	3942'	-983	-14
Toronto	3971'	-1012	-16
Lansing	3988'	-1029	-19
LKC "C"	4028'	-1069	-20
Muncie Shale	4126'	-1167	flat
LKC "H"	4141'	-1182	+1
LKC "J"	4194'	-1235	-5
Stark Shale	4214'	-1255	-2
LKC "K"	4227'	-1268	-3
Hush.	4248'	-1289	-1
BKC	4284'	-1325	-1
Marmaton	4306'	-1347	+7
Altamont	4326'	-1367	+4
Pawnee	4414'	-1455	-5
Myrick	4451'	-1492	-3
Fort Scott	4466'	-1507	-2
Cherokee Shale	4496'	-1537	-2
Johnson	4539'	-1580	+1
Morrow Sand	Absent		
Mississippian	4590'	-1631	+12
RTD	4715'	-1756	

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11/30/25

ALLIED CEMENTING CO., LLC. 036052

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

SERVICE POINT:

DATE <u>11/10/14</u>	SEC <u>13</u>	TWP <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>11:00am</u>	JOB START <u>1:00pm</u>	JOB FINISH <u>1:30pm</u>
LEASE <u>Eaton</u>	WELL # <u>13CO#1</u>	LOCATION <u>Oakley 135 1E 1/2 S E 1/4 RD</u>	COUNTY <u>Logan</u>		STATE <u>KS</u>		

CONTRACTOR Max E. N 14
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8 5/8 DEPTH 239'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 14-26 100Lbs

OWNER Some
 CEMENT AMOUNT ORDERED 175 can 370cc 271gal

COMMON	<u>175</u>	@	<u>16.25</u>	<u>2843.75</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@	<u>58.25</u>	<u>349.50</u>
ASC		@		
HANDLING	<u>184 SK</u>	@	<u>2.25</u>	<u>414.00</u>
MILEAGE	<u>114 SK/mile</u>	@		<u>303.60</u>
TOTAL				<u>3524.75</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Alan
 # 423-281 HELPER Tony
 BULK TRUCK DRIVER Brandon
 # 347
 BULK TRUCK DRIVER

REMARKS:

Run Cag, Circulate, Max cement, Displace Cement.
Cement d/d Circulate
Thank You Alan, Tony, Brandon

CHARGE TO: Ritchie Explorator
 STREET
 CITY STATE ZIP

SERVICE

DEPTH OF JOB	<u>239.2</u>		
PUMP TRUCK CHARGE	<u>1125.00</u>		
EXTRA FOOTAGE	@		
MILEAGE	<u>15</u>	@	<u>7.00 105.00</u>
MANIFOLD	@		
<u>5000psi 15</u>	@	<u>4.00</u>	<u>60.00</u>
TOTAL <u>1290.00</u>			

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 Greg Warwick
 SIGNATURE Greg Warwick

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

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113022

ALLIED CEMENTING CO., LLC. 036052

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

SERVICE POINT:

Dakota
12/11/11

DATE <i>12/10/11</i>	SEC <i>13</i>	TWP <i>13</i>	RANGE <i>32</i>	CALLED OUT	ON LOCATION <i>11:00am</i>	JOB START <i>1:00pm</i>	JOB FINISH <i>1:30pm</i>
LEASE <i>Eaton</i>	WELL # <i>13C0*</i>	LOCATION <i>Dakota 13S 1E 12S SE 1700</i>			COUNTY <i>Logan</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Mar E N 14*
 TYPE OF JOB *Surface*
 HOLE SIZE *12 1/4* T.D.
 CASING SIZE *8 5/8* DEPTH *239'*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. *15'*
 PERFS.
 DISPLACEMENT *14.26 BBL/H2O*

OWNER *Some*
 CEMENT
 AMOUNT ORDERED *175 cu 370cc*
207 gal

EQUIPMENT
 PUMP TRUCK CEMENTER *Alan*
 # *423-281* HELPER *Tony*
 BULK TRUCK
 # *847* DRIVER *Brandon*
 BULK TRUCK
 # DRIVER

COMMON <i>175</i>	@ <i>16.25</i>	<i>2843.75</i>
POZMIX	@	
GEL <i>3</i>	@ <i>21.25</i>	<i>63.75</i>
CHLORIDE <i>6</i>	@ <i>58.20</i>	<i>349.20</i>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <i>184 SK</i>	@ <i>2.25</i>	<i>414.00</i>
MILEAGE <i>11.4 SK/mile</i>		<i>303.60</i>
		<i>3974.20</i>
		TOTAL

REMARKS:

Per Log, Circulate, Mix cement, Displace Cement.

Cement Dsd Circulate
Truck Alan Tony Brandon

CHARGE TO: *Ritchie Exploration*
STREET
CITY STATE ZIP

SERVICE

DEPTH OF JOB	<i>239.2</i>	
PUMP TRUCK CHARGE	<i>1125.00</i>	
EXTRA FOOTAGE	@	
MILEAGE <i>15</i>	@ <i>7.00</i>	<i>105.00</i>
MANIFOLD	@	
<i>6" x 6" x 15</i>	@ <i>4.00</i>	<i>60.00</i>
	@	
		TOTAL <i>1290.00</i>

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 *Corey Church*
 SIGNATURE *Corey Church*

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

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ALLIED CEMENTING CO., LLC. 035193

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

SERVICE POINT:
RUSSELL

DATE <u>12-19-11</u>	SEC <u>13</u>	TWP. S <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>6pm</u>	JOB FINISH <u>6:30pm</u>
LEASE <u>EATON</u>	WELL # <u>13CD#1</u>	LOCATION <u>BAKLEY-13S-1E-Y2S-PINTO</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR MARFIN A-14

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D.

CASING SIZE 8 7/8 DEPTH 239

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 2460

TOOL DEPTH

PRES. MAX MINIMUM

MBAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 220 SK 6940

4 7/8 GEL / 1/4 FLO SEAL

COMMON	<u>132</u>	@	<u>16.25</u>	<u>2145.00</u>
POZMIX	<u>88</u>	@	<u>8.50</u>	<u>748.00</u>
GEL	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE		@		
ASC		@		
<u>FLO SEAL</u>	<u>55</u>	@	<u>2.70</u>	<u>148.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>230</u>	@	<u>2.25</u>	<u>517.50</u>
MILEAGE	<u>15 X 230 X .11</u>			<u>379.50</u>
TOTAL				<u>4108.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bob Smith

409 HELPER Todd

BULK TRUCK

347 DRIVER Brandon

BULK TRUCK

DRIVER

REMARKS:

P1 - 2460 FT - 25 SK

P2 - 1400 FT - 100 SK

P3 - 290 FT - 40 SK

P4 - 40 FT - 10 SK

RAT - 30. SK

MONSE - 15 SK

SERVICE

DEPTH OF JOB 2460

PUMP TRUCK CHARGE 1250.00

EXTRA FOOTAGE @

MILEAGE 15 @ 7.00 105.00

MANIFOLD @

LDV mileage 15 @ 4.00 60.00

TOTAL 1415.00

CHARGE TO: RITCHIE EXPLORATION

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

1 wooden plug @ 92.00 92.00

TOTAL 92.00

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 Corby Swartz

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES 5615.50

DISCOUNT IF PAID IN 30 DAYS.

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[Signature]