

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL 6/22/11
Form ACO-1
October 2008
Form Must Be Typed

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 + 3118
Contact Person: Craig Caulk
Phone: (316) 691-9500
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Steve Carl
Purchaser: _____

Designate Type of Completion:
 New Well _____ Re-Entry _____
_____ Oil _____ SWD _____ SLOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
 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. _____ Conv. to SWD _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
2/27/09 3/8/09 R+A 3/8/09
Spud Date or _____ Date Reached TD _____ Completion/Date or _____
Recompletion Date _____ Recompletion Date _____

API No. 15 - 171-20718-00-00
Spot Description: 30' North & 230' West of
C SW NW NW Sec. 12 Twp. 17 S. R. 31 East West
960 Feet from North / South Line of Section
100 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Scott
Lease Name: Rodenberg-Pember Well #: 1
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2903 Kelly Bushing: 2912
Total Depth: 4600 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 234 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 Plan PANS 810-09
(Data must be collected from the Reserve Pit)
Chloride content: 3400 ppm Fluid volume: 775 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: _____
Title: Production Manager Date: 6/22/09
Subscribed and sworn to before me this 22nd day of June,
2009.
Notary Public: _____
Date Commission Expires: 5-4-11

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

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KANSAS CORPORATION COMMISSION
JUN 23 2009

RECEIVED

Operator Name: Ritchie Exploration, Inc. Lease Name: Rodenberg-Pember Well #: 1
 Sec. 12 Twp. 17 S. R. 31 East West County: Scott

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: Radiation Guard Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center;">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	234'	common	160	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

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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 Bbls. Gas-Oil Ratio Gravity

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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#1 Rodenberg-Pember

960' FNL & 100' FWL

30' N & 230' W of C SW NW NW Section 12-17S-31W

Scott County, Kansas

API# 15-171-20718-0000

Elevation: 2904' GL: 2913' KB

<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	2303'	+610	-3	
B/Anhydrite	2323'	+590	-2	
Heebner	3912'	-999	-11	
Lansing	3942'	-1029	-7	
Lansing "C"	3980'	-1067	-6	
Lansing "E"	4035'	-1122	-5	
Muncie Shale	4118'	-1205	-8	
LKC "I"	4166'	-1253	-5	
LKC "J"	4192'	-1279	-7	
Stark Shale	4212'	-1299	-4	
LKC "L"	4272'	-1359	-4	
BKC	4297'	-1384	-7	
Altamont	4350'	-1437	-5	
Fort Scott	4467'	-1544	-6	
Cherokee Shale	4490'	-1577	-8	
Johnson	4529'	-1616	-7	
Mississippian	4560'	-1647	-8	
RTD	4600'	-1687		

by Jerry Stapleton with the KCC.

KANSAS CORPORATION COMMISSION

JUN 23 2009

RECEIVED

ALLIED CEMENTING CO., LLC. 035035A

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

SERVICE POINT: Osage

DATE <u>3/9/09</u>	SEC. <u>12</u>	TWP. <u>17</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>7:30 Am</u>	JOB START <u>10:30</u>	JOB FINISH <u>11:30</u>
LEASE <u>Rodenburg-Pember</u>	WELL # <u>1</u>	LOCATION <u>Healy SW 1/4 S E into</u>			COUNTY <u>Scott</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Dalle 4

TYPE OF JOB PTA

HOLE SIZE 7 1/8 T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Same

CEMENT AMOUNT ORDERED 270 SK, 60/40

400 gal 14 lb Flo Seal

COMMON <u>162</u>	@ <u>15.45</u>	<u>2502.90</u>
POZMIX <u>108</u>	@ <u>8.00</u>	<u>864.00</u>
GEL <u>9</u>	@ <u>20.00</u>	<u>180.00</u>
CHLORIDE	@	
ASC	@	
<u>Flo Seal 6816</u>	@ <u>2.50</u>	<u>170.00</u>
HANDLING <u>282 SK</u>	@ <u>2.40</u>	<u>676.80</u>
MILEAGE <u>109 SK miles</u>		<u>1269.00</u>
TOTAL		<u>5669.90</u>

EQUIPMENT

PUMP TRUCK CEMENTER Alan

422 HELPER Alvin

BULK TRUCK DRIVER Jerry

377

BULK TRUCK DRIVER

REMARKS:

50 SK @ 2340'

80 SK @ 1680'

50 SK @ 840'

40 SK @ 240'

20 SK @ 60'

30 SK, Part Hole

*Thank You
Alan, Alvin, Jerry*

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>23</u>		
PUMP TRUCK CHARGE		<u>1185.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>45</u>	@ <u>7.00</u>	<u>315.00</u>
MANIFOLD	@	
TOTAL		<u>1500.00</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 Rich Wheeler

SIGNATURE Rich Wheeler

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

KANSAS CORPORATION COMMISSION

JUN 23 2009
RECEIVED

ALLIED CEMENTING CO.. LLC. 043877

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

SERVICE POINT:

oakley

DATE <u>2-27-09</u>	SEC <u>12</u>	TWP <u>17</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>4:00pm</u>	JOB START <u>7:30pm</u>	JOB FINISH <u>8:00pm</u>
LEASE <u>Roden by 19</u>	WELL # <u>1</u>	LOCATION <u>healy SW 1/4 S E into</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>Duke #4</u>	OWNER <u>same</u>
TYPE OF JOB <u>1 inch</u>	
HOLE SIZE <u>1 1/4</u>	T.D. <u>234'</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>234'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT AMOUNT ORDERED 65 sks 30cc

COMMON	<u>65 sks</u>	@	<u>15.45</u>	<u>1004.25</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>2 sks</u>	@	<u>58.20</u>	<u>116.40</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>65 sks</u>	@	<u>2.40</u>	<u>156.00</u>
MILEAGE	<u>169 sk/mile</u>			<u>312.00</u>
TOTAL				<u>1588.65</u>

EQUIPMENT

PUMP TRUCK # <u>423-281</u>	CEMENTER <u>Andrew</u>
	HELPER <u>Larene</u>
BULK TRUCK # <u>347</u>	DRIVER <u>Rex</u>
BULK TRUCK #	DRIVER

REMARKS:

Run approx 30' 1 inch mix cement till circulate to surface. used 65 sks.

thank you

CHARGE TO: Ritchie exploration

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	_____
EXTRA FOOTAGE	@ _____
MILEAGE <u>45 miles</u>	@ <u>7.00</u> <u>N/C</u>
MANIFOLD	@ _____
	@ _____
	@ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

	@ _____
	@ _____
	@ _____
	@ _____
	@ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Hector M. Toledo

SIGNATURE _____

REGISTRATION COMMISSION

JUN 23 2009

RECEIVED

ALLIED CEMENTING CO., LLC. 043876

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

INT:

OKLEY

DATE <u>2-27-09</u>	SEC. <u>12</u>	TWP. <u>12s</u>	RANGE <u>31w</u>	CALLED OUT	ON LOCATION <u>4:00pm</u>	JOB START <u>5:30pm</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Rosenburg</u>	WELL # <u>1</u>	LOCATION <u>Healy SW 1/4s E into</u>			COUNTY <u>Scott</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Duke 4</u>	OWNER <u>same</u>
TYPE OF JOB <u>surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>234'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>234'</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>13.95 BBL</u>	
EQUIPMENT	
PUMP TRUCK # <u>422-281</u>	CEMENTER <u>Andrew</u>
BULK TRUCK # <u>377</u>	HELPER <u>Larene</u>
BULK TRUCK #	DRIVER <u>Jerry</u>
BULK TRUCK #	DRIVER
	COMMON <u>160 sks</u> @ <u>15.45</u> <u>2472.00</u>
	POZMIX @
	GEL <u>4 sks</u> @ <u>20.80</u> <u>83.20</u>
	CHLORIDE <u>6 sks</u> @ <u>58.20</u> <u>349.20</u>
	ASC @
	@
	@
	@
	@
	@
	HANDLING <u>170 sks</u> @ <u>2.40</u> <u>408.00</u>
	MILEAGE <u>10.8 sk/mile</u> <u>765.00</u>
	TOTAL <u>4077.40</u>

REMARKS:

Cement did not circulate approx 25' down

thank you

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>234'</u>	
PUMP TRUCK CHARGE	<u>1018.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>45 miles</u> @ <u>2.00</u>	<u>315.00</u>
MANIFOLD <u>had rental</u> @	<u>113.00</u>
@	
@	
TOTAL	<u>1446.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>	
<u>1 surface plug</u> @	<u>68.00</u>
@	
@	
@	
@	
TOTAL	<u>68.00</u>

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 Rich Wheeler

SIGNATURE Rich Wheeler

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

KANSAS CORPORATION COMMISSION

JUN 23 2009
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