

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

2/16/11

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: WW Drilling, LLC
License: 33575
Wellsite Geologist: Mack Armstrong

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FEB 16 2009

KCC

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. _____

10/27/08	11/2/08	11/3/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 039-21076-0000
County: Decatur
SE SE SW Sec. 34 Twp. 1 S. R. 28 East West
335 feet from S N (circle one) Line of Section
2460 feet from W E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Roe 34CD Well #: 1

Field Name: _____
Producing Formation: _____
Elevation: Ground: 2649 Kelly Bushing: 2654
Total Depth: 3850 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 224 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 PA 103 4-14-07
(Data must be collected from the Reserve Pit)
Chloride content 17000 ppm Fluid volume 750 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: Craig Caulk
Title: Geologist Date: 2/16/08
Subscribed and sworn to before me this 16th day of February,
2009.
Notary Public: Debra K Phillips
Date Commission Expires: 5-4-11

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. 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

FEB 20 2009
CONSERVATION DIVISION
WICHITA KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Roe 34CD Well #: 1
 Sec. 34 Twp. 1 S. R. 28 East West County: Decatur

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Dual Induction Log
 Compensated Density/Neutron Log

Log Formation (Top), Depth and Datum 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	224	common	160	3%cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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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 WICHITA, KS

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 _____



#1 Roe 34CD

335' FSL & 2460' FWL

5'N & 150'E of C SE SE SW Section 34-1S-28W

Decatur County, Kansas

API# 15-039-21076-0000

Elevation: 2649' GL: 2654' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2274'	+380	+32
B/Anhydrite	2304'	+350	+30
Heebner Shale	3528'	-874	+20
Lansing "A"	3560'	-906	+32
Lansing "D"	3618'	-964	+27
Lansing "G"	3656'	-1002	+26
Lansing "H"	3686'	-1032	+27
Lansing "J"	3726'	-1072	+24
BKC	3779'	-1145	+11
RTD	3850'	-1196	

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CONSERVATION DIVISION
WICHITA, KS

P.O. Box 783188
Wichita, Kansas 67278-3188

(316) 691-9500
Fax (316) 691-9550
rei@ritchie-exp.com

8100 E. 22nd St. N., Bldg. 700
Wichita, Kansas 67226-2328

ALLIED CEMENTING CO., LLC. 31836

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

SERVICE POINT:

Osage

DATE <u>11-3-09</u>	SEC. <u>34</u>	TWP. <u>13</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>9:45</u>	JOB START <u>11:45 AM</u>	JOB FINISH <u>12:45 PM</u>
LEASE <u>Roe</u>	WELL# <u>34CD #1</u>	LOCATION <u>Oberlin 8N-4E-25-1/2</u>	COUNTY <u>Decatur</u>	STATE <u>Kan</u>			
OLD OR NEW (Circle one)				<u>MS</u>			

CONTRACTOR W.W. Drls #4

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 3850'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X 4 DEPTH 2275'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Scotts

CEMENT AMOUNT ORDERED 205 SKS 60/40 FINE

4% Gel 1/4 # Fluor-Sol

COMMON	<u>123 SKS @</u>	<u>15.22</u>	<u>1872.06</u>
POZMIX	<u>72 SKS @</u>	<u>8.00</u>	<u>576.00</u>
GEL	<u>7 SKS @</u>	<u>20.80</u>	<u>145.60</u>
CHLORIDE	_____ @ _____		
ASC	_____ @ _____		
<u>Fluor-Sol</u>	<u>51# @</u>	<u>2.80</u>	<u>142.80</u>
	_____ @ _____		
	_____ @ _____		
	_____ @ _____		
	_____ @ _____		
	_____ @ _____		
	_____ @ _____		
HANDLING	<u>214 SKS @</u>	<u>2.40</u>	<u>513.60</u>
MILEAGE	<u>14 miles @</u>		

EQUIPMENT

PUMP TRUCK CEMENTER Walt

422 HELPER Terry

BULK TRUCK

421 290 DRIVER Mark

BULK TRUCK

_____ DRIVER _____

REMARKS:

205 SKS @ 2.25

100 SKS @ 2.00

40 1.22 2.22

10 SKS @ 2.00

30 SKS @ 1.75

Thank You

Walt + crew

CHARGE TO: Kitchie Exploration, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 110.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 14 miles @ 7.50

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

1-DH Plug @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME W.W. Drls #4

SIGNATURE W.W. Drls #4

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 CONSERVATION DIVISION
 WICHITA KS
 FEB 20 2009

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cement 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.

ALLIED CEMENTING CO., LLC. 32097

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

SERVICE POINT: Osage, Ky

DATE <u>10/27/08</u>	SEC. <u>34</u>	TWP. <u>1</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION <u>7:30 pm</u>	JOB START <u>9:00</u>	JOB FINISH <u>7:30 pm</u>
LEASE <u>See 34 CD</u>	WELL # <u>#1</u>	LOCATION <u>Osage Cemetery N, E, N, E, N</u>			COUNTY <u>Osage</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)				<u>E, N 3 E 34 N, into</u>			

CONTRACTOR W114 OWNER Sams

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 225'
 CASING SIZE 8 7/8 DEPTH 224'
 TUBING SIZE DEPTH

DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 13 bbl

EQUIPMENT

PUMP TRUCK CEMENTER <u>Alan</u>	
# <u>422</u> HELPER <u>Alvin</u>	
BULK TRUCK	
# <u>218</u> DRIVER <u>Walt M</u>	
BULK TRUCK	
# DRIVER	

COMMON 160 @ 15.45 2472.00
 POZMIX @
 GEL 3 @ 20.00 62.40
 CHLORIDE 6 @ 58.20 349.20
 ASC @
 HANDLING 169.54 @ 2.70 456.60
 MILEAGE 104.514/mi 1216.80
 TOTAL 4506.00

REMARKS:
Cement did circulate
Thank You
Alan, Alvin, Walt M.

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

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 Rodney Deherity
 SIGNATURE Rodney Deherity

SERVICE

DEPTH OF JOB <u>224'</u>	
PUMP TRUCK CHARGE <u>1018.00</u>	
EXTRA FOOTAGE @	
MILEAGE <u>72</u> @ <u>2.00</u> <u>504.00</u>	
MANIFOLD @ <u>175.00</u>	
TOTAL <u>1522.00</u>	

PLUG & FLOAT EQUIPMENT

@	
@	
@	
@	
@	
TOTAL	

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

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 CONSERVATION DIVISION
 WICHITA KS

ALLIED CEMENTING CO.. LLC. 31836

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

SERVICE POINT:
Oakley

DATE <u>11-3-08</u>	SEC. <u>34</u>	TWP. <u>13</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>9:45</u>	JOB START <u>11:45 AM</u>	JOB FINISH <u>12:45 PM</u>
LEASE <u>Roe</u>	WELL # <u>34CD #1</u>	LOCATION <u>Oberlin 8N-4E-2S-1/2E</u>	COUNTY <u>Decatur</u>	STATE <u>Ken</u>	OLD OR (NEW) (Circle one) <u>NEW</u>		

CONTRACTOR <u>W-W Drls #4</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	CEMENT AMOUNT ORDERED <u>205 SKS 60/40 PER 4% Gel 1/4# Flo-Sac</u>
HOLE SIZE <u>7 1/8</u>	T.D. <u>3850'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2 XH</u>	DEPTH <u>2275'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Walt</u>
# <u>422</u>	HELPER <u>Terry</u>
BULK TRUCK	
# <u>481-292</u>	DRIVER <u>Neche</u>
BULK TRUCK	
#	DRIVER

COMMON	<u>123 SKS @ 15.45</u>	<u>1,900.35</u>
POZMIX	<u>82 SKS @ 8.00</u>	<u>656.00</u>
GEL	<u>7 SKS @ 20.80</u>	<u>145.60</u>
CHLORIDE	@	
ASC	@	
<u>Flo-Sac 51#</u>	<u>@ 2.50</u>	<u>127.50</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>214 SKS @ 2.40</u>	<u>513.60</u>
MILEAGE	<u>104 per sk/mile</u>	<u>1,540.80</u>
TOTAL		<u>4,883.85</u>

REMARKS:

25 - SKS @ 2275'
100 - SKS @ 1500
40 SKS @ 2275
10 SKS @ 40
30 SKS in RH
sk/mile

Thank You
Walt + Crew

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1,185.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>72 - miles</u>	@ <u>7.00</u>	<u>504.00</u>
MANIFOLD	@	
	@	
	@	

CHARGE TO: Ritchie Exploration, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1,689.00

PLUG & FLOAT EQUIPMENT

<u>1-DH Plug</u>	<u>8 5/8</u>	@	<u>40.00</u>
		@	
		@	
		@	
		@	
TOTAL			<u>40.00</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 Rodney Doherty

SIGNATURE Rodney Doherty

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

- R -

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