

**CONFIDENTIAL**

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

**ORIGINAL**

6/3/10

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: WW Drilling, LLC  
License: 33575  
Wellsite Geologist: Tom Funk

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. \_\_\_\_\_

<u>2/7/08</u>	<u>2/12/08</u>	<u>2/12/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23685-0000  
County: Rooks  
approx. SE SE SE Sec. 12 Twp. 9 S. R. 20  East  West  
160 feet from S / N (circle one) Line of Section  
160 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Baldwin-Steeple Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_

Elevation: Ground: 2067 Kelly Bushing: 2072  
Total Depth: 3602 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 220 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 PAN57-1409  
(Data must be collected from the Reserve Pit)  
Chloride content 41000 ppm Fluid volume 975 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.: \_\_\_\_\_

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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.

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: 6/3/08  
Subscribed and sworn to before me this 3<sup>rd</sup> day of June  
20 08  
Notary Public: Debra K Phillips  
Date Commission Expires: 5-4-11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
JUN 0 4 2008

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

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Baldwin-Steeple Well #: 1  
 Sec. 12 Twp. 9 S. R. 20  East  West County: Rooks

**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; font-weight: bold;">SEE ATTACHED</p>
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	220	common	150	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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 CONSERVATION DIVISION  
 WICHITA, KS



**#1 Baldwin-Steeples**

160' FSL & 160' FEL

170'S & 170'E of C SE SE SE Section 12-9S-20W

Rooks County, Kansas

API# 15-163-23685-0000

Elevation: 2067' GL: 2072' KB

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**JUN 03 2008**

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<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	1512'	+560	+12
B/Anhydrite	1547'	+525	+11
Heebner	3256'	-1184	-2
Lansing	3295'	-1223	-1
Lansing "C"	3330'	-1258	flat
Lansing "D"	3349'	-1277	flat
Lansing "F"	3379'	-1307	-1
Lansing "H"	3429'	-1357	-3
Lansing "I"	3451'	-1379	-4
Lansing "J"	3467'	-1395	+1
Stark Shale	3481'	-1409	-3
BKC	3505'	-1433	-4
Arbuckle	3566'	-1494	-28

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

(316) 691-9500  
Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

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KANSAS CORPORATION COMMISSION

**JUN 04 2008**  
8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328  
REGISTRATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., LLC. 30162

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

SERVICE POINT:  
Russell KS

DATE <u>7-13-08</u>	SEC. <u>12</u>	TWP. <u>9</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>1:30pm</u>
Baldwin Steeples LEASE		WELL # <u>1</u>	LOCATION <u>Zurich KS 3 West to Rd 7</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> OR NEW (Circle one)			<u>3 North</u>				

CONTRACTOR WJW Drilling Rig #4  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 7/8 T.D. 3602'  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH 3548'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 215 60/40 4% Gel 1/4" Flt

EQUIPMENT \_\_\_\_\_  
 PUMP TRUCK CEMENTER John Roberts  
 # 409 HELPER Adrian  
 BULK TRUCK # 345' DRIVER Travis  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>129</u>	@ <u>12.15</u>	<u>1567.35</u>
POZMIX	<u>86</u>	@ <u>6.80</u>	<u>584.80</u>
GEL	<u>7</u>	@ <u>18.25</u>	<u>127.75</u>
CHLORIDE		@	
ASC		@	
<u>Flo seal 54lbs</u>		@ <u>2.20</u>	<u>118.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>222</u>	@ <u>2.05</u>	<u>455.10</u>
MILEAGE	<u>54/mi</u>	@ <u>.09</u>	<u>839.16</u>
TOTAL			<u>3708.00</u>

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REMARKS:  
3548' 25sks 3548'  
1550' 25sks  
825' 100sks  
275' 40sks  
40' 10sks  
Rathole 15sks

SERVICE  
 DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE 893.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 42 @ 7.00 294.00  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL 1187.00

CHARGE TO: Ritchie Exp. Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
Dry Hole Plug @ 39.00  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL 39.00

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.  
*Thanks!*

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Kurt Stett

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

RECEIVED  
 KANSAS CORPORATION COMMISSION  
**JUN 04 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., LLC. 32728

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

SERVICE POINT:

Russell

DATE <u>2-7-08</u>	SEC <u>12</u>	TWP. <u>9 S</u>	RANGE <u>20 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>11:00 PM</u>
LEASE <u>Baldwin Steeples</u>	WELL # <u>1</u>	LOCATION <u>Zunich 3W 3N NW Int.</u>			COUNTY <u>Rooks</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Ww Drilling Rig # 4

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 2 3/8 DEPTH 219.42

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 661

OWNER

CEMENT

AMOUNT ORDERED 150 Com 3% CC 22.6c1

COMMON 150 @ 12.15 1822.50

POZMIX @

GEL 3 @ 18.25 54.75

CHLORIDE 5 @ 51.00 255.00

ASC @

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane

# 366 HELPER Matt

BULK TRUCK

# 396 DRIVER Mike

BULK TRUCK

# DRIVER

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HANDLING 168 @ 2.05 344.40

MILEAGE .09/16/06 831.60

TOTAL 3308.25

**REMARKS:**

Cement Conc!

**SERVICE**

DEPTH OF JOB

PUMP TRUCK CHARGE 893.00

EXTRA FOOTAGE @

MILEAGE 55 @ 7.00 385.00

MANIFOLD @

CHARGE TO: Richie Exploration

STREET

CITY STATE ZIP

TOTAL 1278.00

**PLUG & FLOAT EQUIPMENT**

8 1/2 Wood Plug @ 66.00

TOTAL 66.00

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

SIGNATURE Kelsey Sturt

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

RECEIVED  
KANSAS CORPORATION COMMISSION

**JUN 04 2008**

CONSERVATION DIVISION  
WICHITA, KS