

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: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Thomas Funk  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_  
3/20/08      30/30/08      3/30/08  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

CONFIDENTIAL  
APR 24 2008  
KCC

API No. 15 - 171-20693-0000  
County: Scott  
approx. S/2 S/2 SE Sec. 23 Twp. 17 S. R. 31  East  West  
370 feet from S N (circle one) Line of Section  
1420 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Eaton 23D Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2912 Kelly Bushing: 2921  
Total Depth: 4630 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 211 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 PANJ 6-1209  
(Data must be collected from the Reserve Pit)  
Chloride content 12000 ppm Fluid volume 575 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: Geologist Date: 4/24/08  
Subscribed and sworn to before me this 24<sup>th</sup> day of April  
20 08.  
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  
RECEIVED  
KANSAS CORPORATION COMMISSION

APR 25 2008

Operator Name: Ritchie Exploration, Inc. Lease Name: Eaton 23D Well #: 1  
 Sec. 23 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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

SEE ATTACHED

List All E. Logs Run:

Dual Induction Log  
 Dual Compensated Porosity Log

**CONFIDENTIAL**  
 APR 24 2008  
 KCC

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	211	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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 \_\_\_\_\_

**RECEIVED**  
 KANSAS CORPORATION COMMISSION

**APR 25 2008**

CONSERVATION DIVISION  
 WICHITA, KS



**#1 Eaton 23D**

370' FSL & 1420' FEL  
40' N & 100' W of C S/2 S/2 SE  
Section 23-17S-31W  
Scott County, Kansas  
API# 15-171-20693-0000  
2912' GL: 2921' KB

CONFIDENTIAL  
APR 24 2008

KCC

<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	2271'	+650	-6	
B/Anhydrite	2293'	+628	-10	
Heebner	3902'	-981	+1	
Toronto	3918'	-997	+1	
Lansing	3940'	-1019	+1	
Lansing "C"	3975'	-1054	-2	
Muncie Shale	4122'	-1201	-3	
Stark Shale	4217'	-1296	flat	
Hush. Shale	4259'	-1338	-4	
Lansing KC "L"	4270'	-1349	-4	
BKC	4298'	-1377	-2	
Marmaton	4337'	-1416	-4	
Altamont "B"	4371'	-1450	-4	
Cherokee Shale	4493'	-1572	-3	
Johnson	4532'	-1611	-3	
Mississippian	4572'	-1651	-15	
RTD	4630'	-1709		

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 25 2008

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC. 30861

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

SERVICE POINT: Oakley  
Missouri

DATE <u>3-20-08</u>	SEC <u>23</u>	TWP <u>17</u>	RANGE <u>31</u>	CALLED OUT <u>12 PM</u>	ON LOCATION <u>5 PM</u>	JOB START <u>1:30 PM</u>	JOB FINISH <u>8 PM</u>
LEASE <u>Eaton 23 D</u>	WELL# <u>1</u>	LOCATION <u>Healy SW 33 1/4 N/S</u>			COUNTY <u>Scott</u>	STATE <u>Mo.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke Rig #  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 211 ft  
 CASING SIZE 8 3/8 DEPTH 211 ft  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 100' MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15 ft  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 12" bbl

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 160 sk Common  
32cc 2 gal  
 COMMON 160 sk @ 14.20 2,272.00  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 3 sk @ 18.75 56.25  
 CHLORIDE 5 sk @ 52.45 262.25  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 168 sk @ 2.15 361.20  
 MILEAGE 168 x .55 x .09 = 831.60  
 TOTAL 3,783.30

EQUIPMENT  
 PUMP TRUCK CEMENTER M. He M.  
 # 224 HELPER Steve T.  
 BULK TRUCK  
 # 341 DRIVER Joe D.  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Plug wash sill Drilling when got there  
6 PM start out of the hole with collars  
run surface pipe 8 3/8 = 211 ft  
circulate the hole with rig mud pump  
7 3/8 M. x Cement + then Release the  
plug Displace plug Down  
with water  
8 PM Cement did circulate to surface

SERVICE

DEPTH OF JOB 211 ft  
 PUMP TRUCK CHARGE \_\_\_\_\_ 917.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 55 @ 7.00 385.00  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
1200 Rental @ 113.00 113.00  
 \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Ritchie EXP1 Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1415.00

PLUG & FLOAT EQUIPMENT

1-8 3/8 wooden Plug @ 68.00 68.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 68.00

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.

SIGNATURE Rich Wheeler

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
Rich Wheeler  
 PRINTED NAME

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 APR 25 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC.

30872

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

SERVICE POINT:  
Neosho

DATE <u>3-30-08</u>	SEC. <u>23</u>	TWP. <u>17s</u>	RANGE <u>31w</u>	CALL NO. <u>10-7m</u>	ON LOG NO. <u>9-9m</u>	JOB START <u>5:30m</u>	JOB FINISH <u>6:30m</u>
LEASE <u>Eaton</u>	WEL# <u>D'23 1</u>	LOCATION <u>Healy SW 35 1/4 N/4</u>			COUNTY <u>SCOTT</u>	STATE <u>K.S.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke Pigot

TYPE OF JOB Rotary Plug

HOLE SIZE \_\_\_\_\_ T.D. 4630 #

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 2290 #

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 100 # MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 265 # @ 10.16 = 2692.70

1/4 # Flo Seal P/S

COMMON	<u>159 sx</u>	@	<u>14.20</u>	<u>2,257.80</u>
POZMIX	<u>106 sx</u>	@	<u>7.20</u>	<u>763.20</u>
GEL	<u>11.5x</u>	@	<u>18.75</u>	<u>206.25</u>
CHLORIDE		@		
ASC		@		
	<u>Flo-seal 57 #</u>	@	<u>2.25</u>	<u>128.25</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>278</u>	@	<u>2.15</u>	<u>597.70</u>
MILEAGE	<u>278 x 55 x .09 =</u>			<u>1,376.10</u>
TOTAL				<u>5,329.30</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike M.

# 181 HELPER Steve T.

BULK TRUCK

# 357-170 DRIVER Marlyn S

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

100 # Mix 50 lb at 2290 #

Mix 250 lb at 1230 #

Mix 50 lb at 600 #

Mix 50 lb at 240 #

Mix 20 lb at 60 #

Mix 15 lb at R.H.

SERVICE

DEPTH OF JOB 2290 #

PUMP TRUCK CHARGE \_\_\_\_\_ 1,812.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 55 @ 7.00 385.00

MANIFOLD @ \_\_\_\_\_

TOTAL 2,197.00

CHARGE TO: Ritchie Exptl

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

*Thank you*

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.

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Hector M. Torres

Hector M. Torres  
PRINTED NAME

RECEIVED  
APR 25 2008  
CONSERVATION DIVISION  
WICHITA, KS