

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1/05/11
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: NCRA
 Operator Contact Person: John Niemberger
 Phone: (316) 691-9500
 Contractor: Name: Duke Drilling Co., Inc.
 License: 5929
 Wellsite Geologist: Mike Engelbrecht
 Designate Type of Completion: CONSERVATION DIVISION
 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. _____

9/10/08	9/20/08	9/21/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 057-20619-0000
 County: Ford
 approx. N/2 N/2 N/2 Sec. 11 Twp. 26 S. R. 22 East West
162 feet from S N (circle one) Line of Section
2641 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Morris-Droste Well #: 1
 Field Name: _____
 Producing Formation: Altamont B
 Elevation: Ground: 2368' Kelly Bushing: 2380'
 Total Depth: 4928' Plug Back Total Depth: 4903'
 Amount of Surface Pipe Set and Cemented at 214 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1406 Feet
 If Alternate II completion, cement circulated from 1406
 feet depth to surface w/ 230 sx cmt.
 Drilling Fluid Management Plan AK I NJ 22009
 (Data must be collected from the Reserve Pit)
 Chloride content 19000 ppm Fluid volume 1000 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: 1/5/09
 Subscribed and sworn to before me this 5th day of January, 2009.
 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

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

Operator Name: Ritchie Exploration, Inc. Lease Name: Morris-Droste Well #: 1
 Sec. 11 Twp. 26 S. R. 22 East West County: Ford

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
RECEIVED
 KANSAS CORPORATION COMMISSION

List All E. Logs Run:

Dual Induction Log
 Compensated Density/Neutron Log

CONSERVATION DIVISION

WICHITA, KS

JAN 06 2009

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	28	214	Class A	250	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	4928	ASC	225	10% salt, 2% gel & 5# per sack flo-ess

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
4	4645' - 4648' (Altamont B 10/1/08)	500 gallons 15% NE	
4	4652' - 4654', 4648' - 4652' (Altamont B 10/2/08)	500 gallons 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	4689'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
11/4/08		<input type="checkbox"/> Flowing <input checked="" 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
	53.44		1.25		

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

JAN 05 2009

KCCO



#1 Morris-Droste

162' FNL & 2641' FEL

168'N & 1'W of C N/2 N/2 N/2 Section 11-26S-22W

Ford County, Kansas

API# 15-057-20619-0000

Elevation: 2368' GL: 2380' KB

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KANSAS CORPORATION COMMISSION

JAN 06 2009

CONSERVATION DIVISION
WICHITA, KS

<u>Sample Tops</u>		<u>Ref.</u>	<u>Well</u>
Chase Herrington	N/A		
Stotler	3464'	-1084	+1
Heebner	4078'	-1698	+3
Lansing	4193'	-1813	+5
Lansing "C"	4224'	-1844	+5
Stark Shale	4482'	-2102	+1
LKC "L"	4543'	-2163	+1
Marmaton	4570'	-2190	+5
Altamont "B"	4647'	-2267	+5
Pawnee	4689'	-2309	+5
Cherokee Shale	4742'	-2362	+5
Atoka Shale	4817'	-2437	+2
Mississippian	4828'	-2448	+9
RTD	4928'	-2548	

CONFIDENTIAL

JAN 05 2009

KSC

ALLIED CEMENTING CO., LLC. 32946

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

SERVICE POINT:
Great Bend, Ks

DATE <u>9-21-08</u>	SEC. <u>11</u>	TWP. <u>26</u>	RANGE <u>22</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>11:00 AM</u>	JOB START <u>10:00 PM</u>	JOB FINISH <u>10:30 PM</u>
LEASE <u>Morris Broste</u>	WELL # <u>1</u>	LOCATION <u>Ford, Ks N to Spearville</u>		COUNTY <u>Ford</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		BLTOP, 10 N, 2 1/2 E, 5/8					

CONTRACTOR Duke #1
 TYPE OF JOB Production string
 HOLE SIZE 7 7/8" T.D. 4928'
 CASING SIZE 4 1/2" 10.50# DEPTH 4935'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1000# MINIMUM 0
 MEAS. LINE _____ SHOE JOINT 22.2'
 CEMENT LEFT IN CSG. 22.2'
 PERFS. _____
 DISPLACEMENT 81 BBLs of water

OWNER Ritchie exploration
 CEMENT AMOUNT ORDERED 250 sx ASC 5# Kol seal
 per sack .5% FL-160
500 gal WFR II
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL 3 sx @ 20.40 61.20
 CHLORIDE _____ @ _____
 ASC 250 sx @ 16.25 4,212.50
Salt 27 sx @ 23.55 635.85
Kol-seal 1050# @ .83 871.50
FL-160 116# @ 13.05 1,513.80
 _____ @ _____
 _____ @ _____
 HANDLING 319 sx @ 2.25 717.75
 MILEAGE 319 X 40 X .10 1,276.00
 TOTAL 9,288.60

EQUIPMENT
 PUMP TRUCK CEMENTER Rick H.
 # 366 HELPER Alvin R.
 BULK TRUCK
 # 482-112 DRIVER Carl S.
 BULK TRUCK
 # pump 120 DRIVER Gailen D.

REMARKS:
pipe on bottom, break circulation, drop ball
circulate for 1 hour, pump 5 BBL of water
10 bbls of WFR II, pump 5 BBL of water, plug
pot hole w/ 15 sx cement, plug manx w/ 10 sx cement
back to casing and mix 225 sx ASC 5# Kol-seal
per sack .50% FL-160 shut down, wash pump & lines
and displace with 81 BBLs of water. Released
and float held, wash truck up + rig down.

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

SERVICE
 DEPTH OF JOB 4935'
 PUMP TRUCK CHARGE _____ 2144.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 40 @ 7.50 300.00
 MANIFOLD _____ @ _____
 Head Rent _____ @ 111.00 111.00
 _____ @ _____
 TOTAL 2,555.00

4 1/2" PLUG & FLOAT EQUIPMENT
 1- Guide shoe _____ @ 166.00 166.00
 1- AFU Insert _____ @ 249.00 249.00
 7- Centralizers _____ @ 50.00 350.00
 1- Port Collar (Carson) _____ @ 1,768.00 1,768.00
 3- Baskets _____ @ 166.00 498.00
 1- Rubber plug _____ @ 60.00 60.00
 TOTAL 3,091.00

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 x Gary Rowe
 SIGNATURE x Gary Rowe

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

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 06 2009
 CONSERVATION DIVISION
 WICHITA, KS

JAN 05 2009
 KROG

ALLIED CEMENTING CO., LLC. 32433

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

SERVICE POINT:
Medicine Lake, KS
9-11-08

DATE <u>9-10-08</u>	SEC. <u>11</u>	TWP. <u>26S</u>	RANGE <u>22N</u>	CALLED OUT <u>6:00 PM</u>	ON LOCATION <u>9:00 PM</u>	JOB START <u>11:30 PM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Morris-Proctor</u>		WELL # <u>1</u>	LOCATION <u>Ford, KS, Norton</u>		COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			SPARKLINE BLKTP, 10N, 2 1/2 E, S11W				

CONTRACTOR Duke #1 OWNER Richie Exploration

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>218</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>218</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15</u>	

CEMENT AMOUNT ORDERED 250 sy class A
3% cc + 2% Gel

PERFS.
DISPLACEMENT 13 bbls of fresh water

COMMON <u>250 A</u>	@ <u>15.45</u>	<u>3862.50</u>
POZMIX	@	
GEL <u>5</u>	@ <u>20.80</u>	<u>104.00</u>
CHLORIDE <u>9</u>	@ <u>58.20</u>	<u>523.80</u>
ASC	@	
HANDLING <u>264</u>	@ <u>2.40</u>	<u>633.60</u>
MILEAGE <u>40 x 264 x .10</u>		<u>1056.00</u>
TOTAL		<u>6179.90</u>

REMARKS:

Pipe on bottom & break circulation
Pump 3 bbls of fresh water ahead
Mix 250 sy of cement, start
displacement, Pump 13 bbls end
Shut in, cement did

SERVICE

DEPTH OF JOB <u>218'</u>		
PUMP TRUCK CHARGE		<u>1018.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>40</u>	@ <u>7.00</u>	<u>280.00</u>
MANIFOLD <u>Head Rental</u>	@ <u>113.00</u>	<u>113.00</u>
TOTAL		<u>1411.00</u>

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

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>		
<u>1-wooden Plug</u>	@ <u>68.00</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 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.

PRINTED NAME Mike Godfrey
SIGNATURE Mike Godfrey

SALES TAX (If Any) _____
TOTAL CHARGES ~~1411.00~~
DISCOUNT ~~264~~ IF PAID IN 30 DAYS

**ANY APPLICABLE TAX
WILL BE CHARGED
UPON INVOICING**

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KANSAS CORPORATION COMMISSION
JAN 06 2009
CONSERVATION DIVISION
WICHITA, KS

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JAN 05 2009

