

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

2/02/11

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: John Niemberger
Phone: (316) 691-9500

Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: Mike Engelbrecht

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. _____

10/11/08	10/22/08	10/22/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 057-20623-0000

County: Ford

approx W/2 SE/4 Sec. 32 Twp. 27 S. R. 22 East West

1377 feet from S N (circle one) Line of Section

1822 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Ford Cattle Unit Well #: 1

Field Name: _____

Producing Formation: _____

Elevation: Ground: 2366 Kelly Bushing: 2378

Total Depth: 5140 Plug Back Total Depth: 5057

Amount of Surface Pipe Set and Cemented at 431 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1352 Feet

If Alternate II completion, cement circulated from 1352

feet depth to surface w/ 425 sq.cmt.

Alt. Dig. 3/17/09

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 24000 ppm Fluid volume 1200 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: [Signature]

Title: Production Manager Date: 2/2/09

Subscribed and sworn to before me this 2nd day of February

20 09

Notary Public: [Signature]

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

FEB 05 2009

CONSERVATION DIVISION
WICHITA KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Ford Cattle Unit Well #: 1
 Sec. 32 Twp. 27 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

List All E. Logs Run:

Dual Induction Log
 Compensated Density/Neutron Log

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
Conductor	32	20	64	65	10 sack-grout	7 yards	
Surface	12-1/4	8-5/8	28#	431	Class A	400	3% cc, 2% gel
Production	7-7/8	4-1/2	10.5	5149	ASC	225	10% salt, 1% gel, Kol-sel

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				

KCC
FEB 02 2009
CONFIDENTIAL

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
	No Perforation Records yet waiting on gas market		

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 05 2009
CONSERVATION DIVISION
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 Flowing Pumping Gas Lift Other (Explain) _____
 Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity _____

Disposition of Gas _____ METHOD OF COMPLETION _____ Production Interval _____

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18.) Other (Specify) _____



#1 Ford Cattle Unit

1377' FSL & 1822' FEL

57'N & 158'E of W/2 SE/4 Section 32-27S-22W

Ford County, Kansas

API# 15-057-20623-0000

Elevation: 2366' GL: 2378' KB

<u>Sample Tops</u>		<u>Ref.</u>	<u>Well</u>
Anhydrite	N/A		
Chase Herrington	2568'	-190	-1
Stotler	3484'	-1106	+1
Heebner Shale	4144'	-1766	+3
Lansing	4284'	-1906	+1
Stark Shale	4600'	-2222	+3
Marmaton	4738'	-2360	+3
Pawnee	4817'	-2439	+1
Cherokee Shale	4862'	-2484	flat
Atoka Shale	4950'	-2572	flat
Mississippian	4967'	-2589	flat
Mississippian "B"	4982'	-2604	-12
Mississippian "C"	4992'	-2614	-5
Mississippian "D"	5056'	-2678	-20
RTD	5140'	-2762	

KCC
FEB 0 2 2009
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 0 5 2009

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. 32579

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

SERVICE POINT:

Ford Cattle

Medicine Lodge 1/2
10-12-09

DATE <u>10-11-09</u>	SEC. <u>32</u>	TWP. <u>27s</u>	RANGE <u>22w</u>	CALLED OUT <u>9:00 pm</u>	ON LOCATION <u>10:30 pm</u>	JOB START <u>6:30 am</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>1/2</u>	WELL # <u>unit 1</u>	LOCATION <u>Ford ks, 1/4 n, 1/8 E</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				n to Gravel pit, follow Lesse R2 to Rig			

CONTRACTOR Duke #1 OWNER Ritchie Exploration

TYPE OF JOB Surface

HOLE SIZE 17/4 T.D. 432 CEMENT AMOUNT ORDERED 400sk class A + 3%cc

CASING SIZE 8 5/8 DEPTH 432 2% gel

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 26 bbls of fresh water

EQUIPMENT

PUMP TRUCK CEMENTER Derin F

372 HELPER Randy F.

BULK TRUCK

356 DRIVER Donsie H.

BULK TRUCK

DRIVER

COMMON	<u>400 A</u>	@	<u>15.45</u>	<u>6180.00</u>
POZMIX		@		
GEL	<u>8</u>	@	<u>20.80</u>	<u>166.40</u>
CHLORIDE	<u>14</u>	@	<u>58.20</u>	<u>814.80</u>
ASC		@		
HANDLING	<u>422</u>	@	<u>2.40</u>	<u>1012.80</u>
MILEAGE	<u>85 X 422 X 1.10</u>			<u>3587.00</u>
TOTAL				<u>11761.00</u>

REMARKS:

Pipe on bottom & brook circulation
Pump 3 bbls of fresh water shed
mix 400sk of cement, shut down &
release plug, start displacement
Pump 26 bbls & shut in, cement & c
circulate

SERVICE

DEPTH OF JOB	<u>426</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>1018.00</u>
EXTRA FOOTAGE	<u>126'</u>	@	<u>.85</u>	<u>107.10</u>
MILEAGE	<u>85</u>	@	<u>7.00</u>	<u>595.00</u>
MANIFOLD		@		
<u>Hd. Rental</u>		@	<u>113.00</u>	<u>113.00</u>
TOTAL				<u>1833.10</u>

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

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>				
<u>1-Rubber Plug</u>	@	<u>113.00</u>		<u>113.00</u>
	@			
	@			
	@			
TOTAL				<u>113.00</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 Mike Godfrey
SIGNATURE Mike Godfrey

SALES TAX (If Any) _____
TOTAL CHARGES 1833.10
DISCOUNT 0 IF PAID IN 30 DAYS

ANY APPLICABLE TAX
WILL BE CHARGED
UPON INVOICING

KCC
FEB 02 2009
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 05 2009
CONSERVATION DIVISION
WICHITA KS

ALLIED CEMENTING CO., LLC. 32590

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

SERVICE POINT:
Medicine Lake, KS

DATE <u>10-30-08</u>	SEC <u>32</u>	TWP <u>27s</u>	RANGE <u>22w</u>	CALLED OUT <u>2:30 AM</u>	ON LOCATION <u>4:00 AM</u>	JOB START <u>12:00 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Forb Carter, W, N</u>	WELL # <u>1</u>	LOCATION <u>Forb KS, 1/4 N, 1/4 E,</u>			COUNTY <u>Forb</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>1/4 N, 1/4 E, 1/4 NW</u>					

CONTRACTOR H2 Piggins
 TYPE OF JOB Port collar
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE 4 1/2 DEPTH
 TUBING SIZE 2 3/4 DEPTH
 DRILL PIPE DEPTH
 TOOL - Port collar DEPTH 1351
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 4 1/2 bbls of fresh water

EQUIPMENT

PUMP TRUCK CEMENTER Devin F / Dave W.
 # 372 HELPER Newton D.
 BULK TRUCK
 # 381 / 314 DRIVER Larry F. Jr
 BULK TRUCK
 # DRIVER

OWNER Richie Exploration

CEMENT
 AMOUNT ORDERED 4.50 x 60' 40' 6% Gel
1/4 # 1105cc (used 425cc)

COMMON	<u>2.55 A</u>	@ <u>15.45</u>	<u>3939.75</u>
POZMIX	<u>1.70</u>	@ <u>8.00</u>	<u>1360.00</u>
GEL	<u>2.2</u>	@ <u>20.80</u>	<u>457.60</u>
CHLORIDE		@	
ASC		@	
	<u>Flo Seal 106 *</u>	@ <u>2.50</u>	<u>265.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>478</u>	@ <u>2.40</u>	<u>1147.20</u>
MILEAGE	<u>85 x 478 x .10</u>		<u>4063.00</u>
			TOTAL <u>11232.55</u>

REMARKS:

Pressure up on tubing to 1200 psi, held 1200 psi, released pressure to 150 psi, mix 425cc of cement, shut down. Shut tool & pressured tubing to 1200 psi. It held, released pressure, Rig ran in 5 joints of tubing, hook & hose up and reversed out with 10 bbls of fresh water, unhooked and washed up pump.

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

SERVICE

DEPTH OF JOB 1351
 PUMP TRUCK CHARGE 1185.00
 EXTRA FOOTAGE @ _____
 MILEAGE 85 @ 7.00 595.00
 MANIFOLD @ _____
 @ _____
 @ _____
 TOTAL 1780.00

PLUG & FLOAT EQUIPMENT

@ _____
 @ _____
none @ _____
 @ _____
 @ _____
 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 x Gary Rowle
 SIGNATURE x Gary Rowle

SALES TAX (If Any) _____
 TOTAL CHARGES 1780.00
 DISCOUNT _____ IF PAID IN 30 DAYS

ANY APPLICABLE TAX
 WILL BE CHARGED
 UPON INVOICING

KCC
 FEB 02 2009
 CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION

FEB 05 2009

CONSERVATION DIVISION
 WICHITA KS

ALLIED CEMENTING CO., LLC. 33547

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

SERVICE POINT:

Good Bend US

DATE <u>10-22-08</u>	SEC. <u>32</u>	TWP. <u>27</u>	RANGE <u>22W</u>	CALLED OUT <u>12:00 PM</u>	ON LOCATION <u>3:00 PM</u>	JOB START <u>9:00 PM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>Good Bend cattle unit</u> WELL # <u>1</u>			LOCATION <u>Good Bend 1/2 North 1/2 East</u>			COUNTY <u>Good</u>	STATE <u>US</u>
OLD OR <u>NEW</u> (Circle one)			North into				

CONTRACTOR Dave Dittling Risk
 TYPE OF JOB Pipe Job
 HOLE SIZE 7 1/2 T.D. 5150
 CASING SIZE 7 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL 8 part collar DEPTH 1357
 PRES. MAX 800 MINIMUM
 MEAS. LINE SHOE JOINT 2177
 CEMENT LEFT IN CSG. 22
 PERFS.
 DISPLACEMENT 8000 84 BBLs fresh water

OWNER Ritchie Exploration

CEMENT
 AMOUNT ORDERED 225 SK ASC 5# Halseal Per 5#
10% salt 2% gel 5/8 at 1% FL-160

EQUIPMENT

PUMP TRUCK CEMENTER David F
 # 181 HELPER Galien - D
 BULK TRUCK
 # 378 DRIVER Bob
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
GEL <u>4</u>	@	<u>20.80</u>	<u>83.20</u>
CHLORIDE	@		
ASC <u>225</u>	@	<u>18.60</u>	<u>4185.00</u>
ASF <u>500 gal</u>	@	<u>1.27</u>	<u>638.00</u>
Salt <u>27 min</u>	@	<u>23.95</u>	<u>526.90</u>
Halseal <u>1125#</u>	@	<u>.89</u>	<u>1001.25</u>
FL-160 <u>105#</u>	@	<u>13.30</u>	<u>1396.50</u>
	@		
	@		
	@		
	@		
HANDLING <u>235</u>	@	<u>2.40</u>	<u>684.00</u>
MILEAGE <u>285 x 85 x 1.10</u>			<u>2422.50</u>
TOTAL			<u>10,934.35</u>

REMARKS:

~~8000 fresh water~~ Pump 500 gal ASF
 mix 200# ASC wash up. Release Plus
 Displace with fresh water hand plus
 at bit Release and Plug hand. Plug
 hole shut in 500 PSI

Reathole 15% mix 10% mix mouse

SERVICE

DEPTH OF JOB 5150 <u>5153' 24"</u>			
PUMP TRUCK CHARGE		<u>2295.00</u>	
EXTRA FOOTAGE	@		
MILEAGE <u>85</u>	@	<u>7.00</u>	<u>595.00</u>
MANIFOLD	@		
<u>Head Rent</u>	@	<u>113.00</u>	<u>113.00</u>
	@		
TOTAL			<u>3093.00</u>

PLUG & FLOAT EQUIPMENT

<u>4 1/2"</u>			
1 Rubber Plug	@	<u>67.00</u>	<u>67.00</u>
6" Centizer-9	@	<u>51.00</u>	<u>306.00</u>
2 Basketts	@	<u>169.00</u>	<u>338.00</u>
Guid shoe	@	<u>169.00</u>	<u>169.00</u>
1 Liner	@	<u>254.00</u>	<u>254.00</u>
1 Part collar		<u>1800.00</u>	<u>1800.00</u>
TOTAL			<u>2929.00</u>

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 Gary Row
 SIGNATURE Gary Row

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

KCC
 FEB 02 2009
 CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 05 2009
 CONSERVATION DIVISION
 WICHITA, KS

-R-