

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

10/13/10

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: Mike Engelbrecht
 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 Enh./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enh.?) Docket No. Well Plugged
 6/14/08 6/26/08 6/24/08 6/26/08 6/24/08
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 057-20607-0000
 County: Ford
 approx. SW NE NE Sec. 12 Twp. 27 S. R. 24 East West
1075 feet from S N (circle one) Line of Section
975 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Elder Well #: 2
 Field Name: _____
 Producing Formation: _____
 Elevation: Ground: 2445 Kelly Bushing: 2457
 Total Depth: 5140 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 414 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 1112-1008
 (Data must be collected from the Reserve Pit)
 Chloride content 23000 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: Craig P. Caulk
 Title: Geologist Date: 10/13/2008
 Subscribed and sworn to before me this 13th day of October,
2008.
 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
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OCT 15 2008

CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Elder Well #: 2
 Sec. 12 Twp. 27 S. R. 24 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)

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	414	Class A	350	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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TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CONSERVATION DIVISION WICHITA, KS	
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 _____



RITCHIE

EXPLORATION, INC.
Wichita, Kansas

#2 Elder

1075' FNL & 975' FEL

85' S & 15' E of C SW NE NE Section 12-27S-24W

Ford County, Kansas

API# 15-057-20607-0000

Elevation: 2445' GL, 2457' KB

Sample Tops			Ref. Well
Anhydrite	1501'	+956	flat
Chase Herrington	2592'	-135	+3
Stotler	3511'	-1054	-3
Heebner	4171'	-1714	-11
Lansing	4291'	-1834	-11
Stark Shale	4608'	-2151	-16
Pawnee	4821'	-2364	-17
Cherokee Shale	4864'	-2407	-17
Atoka Shale	4967'	-2510	-14
Morrow Sand	5002'	-2545	-44
Mississippian	5030'	-2573	-47
RTD	5140'	-2683	

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 32459

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

SERVICE POINT:
Medicine Lodge, KS

DATE <u>6-27-08</u>	SEC. <u>12</u>	TWP. <u>27S</u>	RANGE <u>24</u>	CALLED OUT <u>10:30 AM</u>	ON LOCATION <u>3:00 AM</u>	JOB START <u>1:00 AM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>Elder</u>	WELL # <u>2</u>	LOCATION <u>Ford, ks, 10 North West, B into</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Duke #1</u>	OWNER <u>Richie Exploration</u>
TYPE OF JOB <u>Rotary plug</u>	CEMENT
HOLE SIZE _____ T.D.	AMOUNT ORDERED <u>275 sy 60' 40' 4% 601</u>
CASING SIZE _____ DEPTH _____	<u>1/4 # 1105091</u>
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH <u>1530</u>	
TOOL _____ DEPTH <u>4530</u>	
PRES. MAX _____ MINIMUM _____	COMMON <u>135 A @ 15.45 2085.75</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX <u>90 @ 8.00 720.00</u>
CEMENT LEFT IN CSG. _____	GEL <u>12 @ 20.80 249.60</u>
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT <u>3 bbls of fresh water & 13 bbls of mud</u>	ASC _____ @ _____

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Darin F</u>
# <u>372</u>	HELPER <u>Hegahn M</u>
BULK TRUCK	
# <u>363</u>	DRIVER <u>Douglas H</u>
BULK TRUCK	
# _____	DRIVER _____

<u>FLO SEAL 56 #</u>	@ <u>2.50</u>	<u>140.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>239</u>	@ <u>2.40</u>	<u>573.60</u>
MILEAGE <u>55 x 239 x .10</u>		<u>1314.50</u>
TOTAL		<u>5083.45</u>

REMARKS:

1st plug - Pump 1530', pump 8 1/2 bbls of water, mix 50sy of cement, Displace 3 bbls of water & 13 bbl of mud, 2nd plug 540' pump 8 1/2 bbls of water, mix 80sy of cement Displace 5 1/2 of water, 3rd plug 450' pump 5 bbls of water, mix 30sy of cement, Displace 2 1/2 bbls of water, 4th plug 60' mix 20sy 5th plug patch mix 15sy, 5th plug mouse hole mix 10sy of cement

CHARGE TO: Richie 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 xmike Godfrey

SIGNATURE xmike Godfrey

SERVICE

DEPTH OF JOB <u>1530'</u>		
PUMP TRUCK CHARGE _____	<u>1017.00</u>	
EXTRA FOOTAGE _____ @ _____	_____	
MILEAGE <u>55</u>	@ <u>7.00 385.00</u>	
MANIFOLD _____ @ _____	_____	
_____ @ _____	_____	
_____ @ _____	_____	
TOTAL		<u>1402.00</u>

PLUG & FLOAT EQUIPMENT

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@ _____

@ OCT 15 2008

@ _____

@ CONSERVATION DIVISION
WICHITA, KS

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES ~~5083.45~~

DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

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

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ALLIED CEMENTING CO., LLC. 34417

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

SERVICE POINT:
Medicine Lodge

6-18-08

DATE 6-18-08	SEC. 12	TWP. 27S	RANGE 24	CALLED OUT 6:30 A.M.	ON LOCATION 9:00 A.M.	JOB START 12:00 P.M.	JOB FINISH 1:00 P.M.
LEASE <i>Elders</i>			WELL # 2	LOCATION <i>Ford, Rd. Co. #12, Spinto</i>		COUNTY <i>Ford</i>	STATE <i>Ks.</i>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Doke 1*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *415*

CASING SIZE *8 5/8* DEPTH *415*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *300* MINIMUM

MEAS. LINE SHOE JOINT *-*

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *25 1/2 BBL fresh H₂O*

EQUIPMENT

OWNER *Ritchie Expl.*

CEMENT

AMOUNT ORDERED *350s x A+3° bcl + 2° gel.*

COMMON	<i>350 A</i>	@	<i>15.45</i>	<i>5407.50</i>
POZMIX		@		
GEL	<i>7</i>	@	<i>20.80</i>	<i>145.60</i>
CHLORIDE	<i>12</i>	@	<i>58.20</i>	<i>698.40</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>369</i>	@	<i>2.40</i>	<i>885.60</i>
MILEAGE	<i>55 x 369 x .10</i>			<i>2029.50</i>
TOTAL				<i>9166.60</i>

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PUMP TRUCK CEMENTER *mark Cokup*

352 HELPER *Mike B.*

BULK TRUCK

368 DRIVER *Newton*

BULK TRUCK

DRIVER

REMARKS:

*pipe on bottom, break circ. Pump
3 Pump max 350s x A+3° bcl + 2°
gel. leakage plus. Dip to 400 w/ 25 1/2
Gels. Shut in. Cemented circ.*

SERVICE

DEPTH OF JOB *415'*

PUMP TRUCK CHARGE *0-300'* *1018.00*

EXTRA FOOTAGE *115'* @ *.85* *97.75*

MILEAGE *55* @ *7.00* *385.00*

MANIFOLD @

Head Rent @ *113.00* *113.00*

@

CHARGE TO: *Ritchie Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL *1613.75*

8 5/8" PLUG & FLOAT EQUIPMENT

1-Rubber plug @ *113.00* *113.00*

@

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@

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CONSERVATION DIVISION *WICHITA, KS*

SALES TAX (if Any) _____

TOTAL CHARGES *[scribble]*

DISCOUNT *[scribble]* IF PAID IN 30 DAYS

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 Bodfren*

SIGNATURE *Mike Bodfren*

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING