

**CONFIDENTIAL**

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

8/2/09

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

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: Val Energy, Inc.  
License: 5822  
Wellsite Geologist: Mike Engelbrecht

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**AUG 02 2007**  
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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. \_\_\_\_\_

4/5/07    4/16/07    4/17/07  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 057-20582-0000  
County: Ford  
approx. N/2 NW NW Sec. 7 Twp. 27 S. R. 23  East  West  
450 feet from S (N) (circle one) Line of Section  
610 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 #: 1

Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2464 Kelly Bushing: 2474  
Total Depth: 5095 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 439 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** DANS 3-5-09  
(Data must be collected from the Reserve Pit)  
Chloride content 5500 ppm Fluid volume 1800 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 Caulk  
Title: Geologist Date: 8/2/07

Subscribed and sworn to before me this 2nd day of August, 2007.

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**  
Y Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION

**AUG 03 2007**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Elder Well #: 1  
 Sec. 7 Twp. 27 S. R. 23  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 <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:  Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum  SEE ATTACHED  <div style="text-align: right; font-weight: bold; font-size: 1.2em;">                     KCC                      AUG 02 2007                      CONFIDENTIAL                 </div>
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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	439	common	325	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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <div style="text-align: right; font-weight: bold; font-size: 1.2em;">                         RECEIVED                          KANSAS CORPORATION COMMISSION                     </div>
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AUG 03 2007



**#1 Elder**  
450' FNL & 610' FWL  
120' S & 50' W of N/2 NW NW Section 7-27S-23W  
Ford County, Kansas  
API# 15-057-20582-0000  
Elevation: 2464' GL, 2474' KB

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<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	1520'	+954	-19
B/Anhydrite	1560'	+914	-22
Chase Herington	2590'	-116	-2
Stotler	3525'	-1051	-38
Heebner	4176'	-1702	-34
Lansing	4300'	-1826	-32
Stark Shale	4610'	-2136	-24
Pawnee	4823'	-2349	-31
Cherokee Shale	4864'	-2390	-31
Huck Limestone	4952'	-2478	-28
Atoka Shale	4962'	-2488	-28
Morrow Sand	4993'	-2519	-49
Miss. St. Louis	5000'	-2526	-27
Miss. Spergen	5018'	-2544	-17
RTD	5095'	-2621	

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

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67262-2128  
**AUG 03 2007**

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC. 30742

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

SERVICE POINT: Careland

DATE <u>4-6-07</u>	SEC <u>7</u>	TWP <u>27S</u>	RANGE <u>23W</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>2:00 PM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Elder</u>	WELL # <u>1</u>	LOCATION <u>West side of Wright, S to Hwy 402, 1 E, N/S</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>NEW</u>					

CONTRACTOR Ual Energy Rig #1

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4" T.D. 444'

CASING SIZE 8 3/8" DEPTH 439'

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

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

PRES. MAX 2001 P55 MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

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

DISPLACEMENT 27 BBLs of freshwater

OWNER Ritdie Exploration

CEMENT AMOUNT ORDERED 325 St Common 3% CC, 2% Gel

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**EQUIPMENT**

PUMP TRUCK # 181 CEMENTER Rick H. HELPER Kandy P.

BULK TRUCK # 357 DRIVER David J.

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>325</u>	@	<u>11.10</u>	<u>360750</u>
POZMIX		@		
GEL	<u>644</u>	@	<u>16.65</u>	<u>99.90</u>
CHLORIDE	<u>10.24</u>	@	<u>46.60</u>	<u>466.00</u>
ASC		@		
HANDLING	<u>341.44</u>	@	<u>1.90</u>	<u>647.90</u>
MILEAGE	<u>341.44</u>	@	<u>54</u>	<u>1657.26</u>
TOTAL				<u>6478.56</u>

**REMARKS:**  
pipe on bottom broke Circulation Mixed  
325 St Common 3% CC, 2% Gel  
shot down Released plug & displaced w/ 27 BBLs  
of freshwater and shut in. Rig down  
Cement did Circulate.

**SERVICE**

DEPTH OF JOB	<u>439'</u>		
PUMP TRUCK CHARGE			<u>85.00</u>
EXTRA FOOTAGE	<u>139'</u>	@	<u>.65</u> <u>90.35</u>
MILEAGE	<u>54</u>	@	<u>6.00</u> <u>324.00</u>
MANIFOLD		@	
<u>HEAD RENTAL</u>		@	<u>100.00</u> <u>100.00</u>
TOTAL <u>1329.35</u>			

CHARGE TO: Ritdie Exploration

STREET \_\_\_\_\_

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

**PLUG & FLOAT EQUIPMENT**

<u>1-8 5/8 Double Cup plug</u>	<u>60.00</u>	<u>60.00</u>
	@	
	@	
	@	
	@	
TOTAL <u>60.00</u>		

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.

TAX \_\_\_\_\_

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

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

SIGNATURE X Rick Smith PRINTED NAME X Rick Smith

RECEIVED  
 KANSAS CORPORATION COMMISSION  
**AUG 03 2007**  
 CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC. 23864

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

SERVICE POINT:  
*Medicine Lodge - KS.*

DATE <i>4-17-07</i>	SEC <i>7</i>	TWP <i>27</i>	RANGE <i>23</i>	CALLED OUT <i>4:00 Am</i>	ON LOCATION <i>7:30 Am</i>	JOB START <i>8:30 Am</i>	JOB FINISH <i>11:00 Am</i>
LEASE <i>Elder</i>	WELL # <i>1</i>	LOCATION <i>400 + Will Roads</i>	COUNTY <i>Ford</i>	STATE <i>KS.</i>			
OLD OR NEW (Circle one)		<i>East N/S</i>					

CONTRACTOR *VAI #1*

TYPE OF JOB *Rotary Plug*

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE *8 5/8* DEPTH \_\_\_\_\_

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

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

PRES. MAX *300* MINIMUM \_\_\_\_\_

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

OWNER *Ritchie Exploration*

CEMENT AMOUNT ORDERED *225 sk 60:40:6% gr 1*

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

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

DISPLACEMENT *Fresh/mud*

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER *Carl Salting*

# *44-302* HELPER *Dennis Cushman*

BULK TRUCK DRIVER *Robert Heltington*

# *353*

BULK TRUCK DRIVER \_\_\_\_\_

COMMON	<i>1.35 A</i>	@	<i>11.10</i>	<i>1498.50</i>
POZMIX	<i>90</i>	@	<i>6.20</i>	<i>558.00</i>
GEL	<i>12</i>	@	<i>16.65</i>	<i>199.80</i>
CHLORIDE		@		
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>237</i>	@	<i>1.90</i>	<i>450.30</i>
MILEAGE	<i>54</i>	@	<i>23.71</i>	<i>1281.78</i>
TOTAL				<i>3858.42</i>

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REMARKS:

- Ramp 30 sk - 1470*
- 80 sk - 840*
- 30 sk - 450*
- 20 sk - 60*
- 15 sk - P/T table*
- 10 sk - mouse table*

SERVICE

DEPTH OF JOB	<i>1470'</i>		
PUMP TRUCK CHARGE			<i>815.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>54</i>	@	<i>6.00</i>
MANIFOLD		@	
		@	
		@	
TOTAL <i>1139.00</i>			

CHARGE TO: *Ritchie Exploration*

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING			
TOTAL			

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.

TAX \_\_\_\_\_

TOTAL CHARGE *[scribble]*

DISCOUNT *[scribble]* IF PAID IN 30 DAYS

SIGNATURE *James R. Halley*

PRINTED NAME \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 03 2007

CONSERVATION DIVISION  
WICHITA, KS