

RELEASED FROM CONFIDENTIAL WELL COMPLETION FORM

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL  
KCC

RECEIVED  
AUG 08 2002  
KCC WICHITA

ORIGINAL

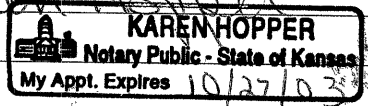
Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: NCRA  
Operator Contact Person: Karen Hopper  
Phone: (316) 691-9500  
Contractor: Name:  
License:  
Wellsite Geologist:  
Designate Type of Completion:  
New Well 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: Ritchie Exploration, Inc.  
Well Name: McCall A  
Original Comp. Date: 2/10/78 Original Total Depth: 3964'  
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.  
5/1/02 6/1/02  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 195-20445-00-01  
County: Trego  
SE SE SE Sec. 6 Twp. 11 S. R. 22 East West  
330 feet from S N (circle one) Line of Section  
330 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: McCall A Well #: 1  
Field Name: McCall  
Producing Formation: LKC  
Elevation: Ground: 2247 Kelly Bushing: 2252  
Total Depth: 3761' Plug Back Total Depth: 3745'  
Amount of Surface Pipe Set and Cemented at 178 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 Workover EA 9-11-00  
(Data must be collected from the Reserve Pit)  
Chloride content ppm Fluid volume bbls  
Dewatering method used  
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: 8/7/02  
Subscribed and sworn to before me this 7th day of August 2002  
Notary Public: Karen Hopper  
Date Commission Expires: 10/27/03



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Rtichie Exploration, Inc. Lease Name: McCall A Well #: 1  
 Sec. 6 Twp. 11 S. R. 22 East  West County: Trego

**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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes No	Log Formation (Top), Depth and Datum Sample Name Top Datum See Attached
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes No	
Cores Taken	Yes <input checked="" type="checkbox"/> No	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes No	
List All E. Logs Run:  R A Guard Log		

CASING RECORD							
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#	178'	common	120	
Production	7 7/8"	4 1/2"	10.5#	3814'	60/40 poz	125	

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
1	3719',3663' (LKC) 1000 gal 28% Acid	750 gal 15% NE w/5% SP3 (5/31/02)	
2	3718.5'-3722',3661'-3664' (LKC)	750 gal 15% NE w/5% SP3 (5/31/02)	
3	3596'-3598' (LKC)	500 gal 15% FE (5/29/02,5/30/02)	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3745'	3579'	Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
6/1/02			Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	13	0	30		

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

*(If vented, Sumit ACO-18.)*

A. SCOTT RITCHIE

SUITE 950

125 NORTH MARKET  
WICHITA, KANSAS 67202

ORIGINAL

CONFIDENTIAL

KCC

AUG 07 2002

CONSULTING GEOLOGIST  
INDEPENDENT PRODUCER

TELEPHONES  
BUS.: 267-4375  
RES.: 684-4354

CONFIDENTIAL

RECEIVED

AUG 08 2002

KCC WICHITA

#1 McCall "A"  
App. SE SE SE  
Sec. 6-11s-22w  
Trego County, Kansas

SAMPLE TOPS

Anhydrite	1711' (+ 541)	
B/Anhydrite	1760' (+ 492)	
Topeka	3267' (-1015)	
Heebner	3483' (-1031)	5' high
Toronto	3506' (-1254)	
Lansing	3521' (-1269)	4' high
B/Kansas City	3748' (-1496)	1' high
Marmaton Lime	3810' (-1558)	
Marmaton Chert	3842' (-1590)	1' high
Conglomerate Chert	3903' (-1651)	10' high
Arbuckle	3932' (-1680)	14' high
RTD	3962' (-1710)	

ELECTRIC LOG TOPS

Anhydrite	1715' (+ 537)	6' high
B/Anhydrite	1760' (+ 492)	
Topeka	3268' (-1016)	
Heebner	3484' (-1232)	4' high
Toronto	3508' (-1256)	
Lansing	3522' (-1270)	3' high
B/Kansas City	3750' (-1498)	1' high
Marmaton Chert	3839' (-1587)	4' high
Conglomerate Chert	3906' (-1654)	7' high
Arbuckle	3932' (-1680)	14' high
Projected LTD	3964' (-1712)	

RELEASED  
FROM  
CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

9475

**CONFIDENTIAL**

Federal Tax I.D.#  **KCC**

**ORIGINAL**

REMIT TO P.O. BOX 34  
RUSSELL, KANSAS 67665

AUG 07 2002

SERVICE POINT

*Osage*

DATE <u>4-24-98</u>	SEC.	TWP.	RANGE	CALLED OUT	LOCATION	JOB START	JOB FINISH
					<u>9:00 AM</u>		<u>2:15 PM</u>
LEASE <u>McCall</u>	WELL # <u>1</u>	LOCATION <u>Osage 3N-3W-6N-W.S</u>			COUNTY	STATE	
<u>OLD</u> OR NEW (Circle one)					<u>Trego</u>	<u>Kan</u>	

CONTRACTOR <u>Express Well Service</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Squeeze</u>	
HOLE SIZE _____ T.D. _____	CEMENT _____
CASING SIZE <u>4 1/2"</u> DEPTH _____	AMOUNT ORDERED <u>250 sks 69/40 pps</u>
TUBING SIZE <u>2 3/8"</u> DEPTH _____	<u>( Used 200 sks )</u>
DRILL PIPE _____ DEPTH _____	COMMON <u>120 sks @ \$35</u> <u>762.00</u>
TOOL <u>X-Perf</u> DEPTH <u>2779'</u>	POZMIX <u>80 sks @ 3.25</u> <u>260.00</u>
PRES. MAX _____ MINIMUM _____	GEL _____ @ _____
MEAS. LINE _____ SHOE JOINT _____	CHLORIDE _____ @ _____
CEMENT LEFT IN CSG. _____	_____ @ _____
PERFS. <u>Hole 2 2903' - 3022'</u>	_____ @ _____
DISPLACEMENT _____	_____ @ _____

**EQUIPMENT**

PUMP TRUCK # <u>191</u>	CEMENTER <u>Walt</u>
BULK TRUCK # <u>212</u>	HELPER <u>JEFF</u>
BULK TRUCK # _____	DRIVER <u>Robert</u>
BULK TRUCK # _____	DRIVER _____

HANDLING <u>250 sks @ 1.05</u>	<u>262.50</u>
MILEAGE <u>4¢ per sk/mile</u>	<u>390.00</u>

RECEIVED

TOTAL 1,674.50

**REMARKS:**

AUG 08 2002

SERVICE

Test Bottom 2-Hole 2 500 psi Hold  
Took injection rate: 1 BPM @ 500 psi  
Put 350 psi on backside, mixed approx  
200 - sks 69/40 pps, Pressure went up, displaced  
11- BBL, staged it. Squeezed to 1000 psi  
cleared tubing ran 3 hrs, reversed out  
cement, pulled 5 hrs, put 400 psi on  
squeeze, shut in that

KCC WICHITA

DEPTH OF JOB <u>3022'</u>	
PUMP TRUCK CHARGE _____	<u>675.00</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>39- miles @ 2.85</u>	<u>111.15</u>
PLUG _____ @ _____	
_____ @ _____	
_____ @ _____	

RELEASED

TOTAL 786.15

FROM

**CONFIDENTIAL**

CHARGE TO: Ritchie Explorations  
STREET Box 783-188  
CITY Wichita STATE Kansas ZIP 67278-3188

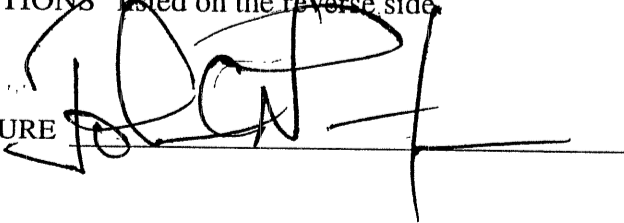
**FLOAT EQUIPMENT**

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
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 _____	
DISCOUNT _____ IF PAID IN 30 DAYS	

SIGNATURE



PRINTED NAME

# ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727862

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

AUG 07 2002

SERVICE POINT: K

DATE <u>4-22-98</u>	SEC.	TWP.	RANGE	CALLED ON <u>CONFIDENTIAL</u>	LOCATION <u>9:00pm</u>	JOB START <u>10:00pm</u>	JOB FINISH <u>5:30pm</u>
LEASE <u>McCall</u>		WELL # <u>A-1</u>		LOCATION <u>Ogallah 3N 3W 6N</u>		COUNTY <u>Shawnee</u>	STATE <u>K</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)				<u>Wich</u>			

CONTRACTOR Express Well Service

TYPE OF JOB Squeeze

HOLE SIZE	T.D.
CASING SIZE <u>4 1/2</u>	DEPTH
TUBING SIZE <u>2"</u>	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Expert</u>	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 256 60/40

3% cc on side

2 sand used 35 cc 1cc

COMMON	<u>21</u>	@	<u>635</u>	<u>133.35</u>
POZMIX	<u>14</u>	@	<u>325</u>	<u>45.50</u>
GEL		@		
CHLORIDE	<u>1</u>	@	<u>2800</u>	<u>2800</u>
<u>Sand</u>	<u>2</u>	@	<u>560</u>	<u>1120</u>
		@		
		@		
		@		
		@		
HANDLING	<u>250</u>	@	<u>105</u>	<u>262.50</u>
MILEAGE	<u>38m</u>		<u>04</u>	<u>380.00</u>
TOTAL				<u>860.55</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Mark</u>
# <u>721</u>	HELPER <u>Paul</u>
BULK TRUCK	
#	DRIVER
BULK TRUCK	
#	DRIVER

REMARKS:

B Plug @ 3385 tested to 1500# - held

Backer @ 3365 turned hole - spotted 2

sand found tight back @ 3302 - 70

spotted 65 over - found communication

holes from 2902-3054 - spotted 30

st - pulled to washed tubing

clean squeezed to staged for 2 1/2 hrs

could not squeeze - slurry @ 500#

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>580.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>38</u> @ <u>285</u> <u>108.30</u>
PLUG	@
	@
	@
	@
TOTAL <u>688.30</u>	

CHARGE TO: Ritchie Exploration

STREET P.O. Box 783188

CITY Wichita STATE Kan ZIP 67278-3188

KCC WICHITA

FLOAT EQUIPMENT

RELEASED	@
FROM	@
CONFIDENTIAL	@
	@

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 [Signature]

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

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