

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

RECEIVED  
AUG 28 2002

**CONFIDENTIAL**

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: NCRA  
Operator Contact Person: Rocky Milford  
Phone: (316) 691-9500  
Contractor: Name: L. D. Drilling, Inc.  
License: 6039  
Wellsite Geologist: Kim Shoemaker

**KCC**

AUG 27 2002

**CONFIDENTIAL**

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, et

**Release**

JAN 26 2002  
**From Confidential**

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. \_\_\_\_\_

5/17/02 5/26/02 6/18/02  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 101-21799  
County: Lane  
NW NE Sec. 5 Twp. 17 S. R. 30  East  West  
600 feet from S (N) (circle one) Line of Section  
1675 feet from (E) W (circle one) Line of Section

**ORIGINAL**

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: M. Wilkens Well #: 1  
Field Name: Wildcat

Producing Formation: Lansing/Kansas City  
Elevation: Ground: 2877' Kelly Bushing: 2882'  
Total Depth: 4610' Plug Back Total Depth: 4553'

Amount of Surface Pipe Set and Cemented at 251 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2296' Feet

If Alternate II completion, cement circulated from 2296'  
feet depth to surface w/ 535 sx cmt.

Drilling Fluid Management Plan Well SA 9.10.02  
(Data must be collected from the Reserve Pit)  
Chloride content 14000 ppm Fluid volume 1250 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: Robert Milford  
Title: Geologist Date: 8-27-02  
Subscribed and sworn to before me this 27th day of August,  
19 2002  
Notary Public: Karen Hopper  
Date Commission Expires: \_\_\_\_\_

**KAREN HOPPER**  
Notary Public - State of Kansas  
My Appt. 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: Ritchie Exploration, Inc. Lease Name: M. Wilkens Well #: 1  
 Sec. 5 Twp. 17 S. R. 30 East  West County: Lane

**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 No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No  Cores Taken Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  Radiation, Guard, Gamma Ray Correlation, Compensated Density Neutron, Dual Induction, Sonic	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#	251'	60/40 poz	175	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5#	4599'	60/40 poz	235	10% salt, 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
4	3977'-3984' (LKC)'	1000 gal 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4557'		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
6/18/02		Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	38		0		

Disposition of Gas  Vented  Sold  Used on Lease  Other (Specify) \_\_\_\_\_

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

Production Interval \_\_\_\_\_



**CONFIDENTIAL**

ORIGINAL

RECEIVED

AUG 28 2002

KCC WICHITA

**#1 M. Wilkens**  
600' FNL & 1675' FEL  
Section 5-17S-30W  
Lane County, Kansas  
API# 15-101-21799  
L.D. Drilling, Inc.  
Field: Kim Schoemaker  
Office: Rocky Milford  
Elevation: 2877' GL: 2882' KB

**KCC**  
AUG 27 2002  
**CONFIDENTIAL**

**Release**  
JAN 26 2004  
**From**  
**Confidential**

Sample Tops			Ref. Well	Electric Log Tops			
massive Anhydrite	2286'	+596	-20	massive Anhydrite	2285'	+597	-19
base Anhydrite	2309'	+573	-22	base Anhydrite	2306'	+576	-19
Wabaunsee	3532'	-650	-9	Wabaunsee	3532'	-650	-9
Heebner	3912'	-1030	-8	Heebner	3906'	-1024	-2
Lansing	3946'	-1064	-7	Lansing	3943'	-1061	-4
Muncie Creek	4117'	-1235	-2	Muncie Creek	4113'	-1231	+2
Stark	4211'	-1329	-8	Stark	4210'	-1328	-7
B/KC	4302'	-1420	-9	B/KC	4286'	-1404	+7
Marmaton	4330'	-1448	-7	Marmaton	4320'	-1438	+3
Pawnee	4416'	-1534	-7	Pawnee	4406'	-1524	+3
Myrick Station	4434'	-1557	+2	Myrick Station	4440'	-1558	+1
Fort Scott	4459'	-1577	+1	Fort Scott	4457'	-1575	+3
Cherokee	4483'	-1601	flat	Cherokee	4482'	-1600	+1
Johnson zone	4524'	-1642	-1	Johnson zone	4523'	-1641	flat
Mississippian	4553'	-1671	-1	Mississippian	4558'	-1676	-6
RTD	4610'	-1728		LTD	4609'	-1727	

# ALLIED CEMENTING CO., INC.

09396

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31  
RUSSELL KANSAS 67563

KCC

ORIGINAL SERVICE POINT:  
OAKLEY

CONFIDENTIAL

AUG 27 2002

DATE 5-17-02	SEC. 5	TWP. 17S	RANGE 30W	CALLED OUT AUG 27 2002	ON LOCATION 4:30 PM	JOB START 8:00 AM	JOB FINISH 11:15 PM
M. WELKEN LEASE				CONFIDENTIAL		COUNTY L...	STATE KS
WELL # 1				LOCATION HEALY 2W-1N-1/2W		Release	
OLD OR (NEW) (Circle one)						JAN 75	

CONTRACTOR L. D. DRILL

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 254'

CASING SIZE 8 5/8" DEPTH 254'

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

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

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

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

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

CEMENT LEFT IN CSG. 15'

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

DISPLACEMENT 15 1/4 BBL

OWNER SAME **From Confidential**

CEMENT

AMOUNT ORDERED 175 SKS 60/40 23% CC 29.6 EL

160 SKS COM 3% CC FOR ONE INCH

COMMON	<u>160 SKS</u>	@	<u>7 85</u>	<u>1256 00</u>
POZMIX	<u>70 SKS</u>	@	<u>3 55</u>	<u>248 50</u>
GEL	<u>3 SKS</u>	@	<u>10 00</u>	<u>30 00</u>
CHLORIDE	<u>8 SKS</u>	@	<u>30 00</u>	<u>240 00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>287 SKS</u>	@	<u>1 10</u>	<u>315 70</u>
MILEAGE	<u>0.4 PER SK / MILE</u>			<u>596 90</u>

### EQUIPMENT

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK

# 218 DRIVER LOUNEE

BULK TRUCK

# 315 DRIVER FUZZY

RECEIVED TOTAL 2687 16

AUG 28 2002

### REMARKS:

### SERVICE

CEMENT DID NOT CURE.  
ORDER 100 SKS COM 3% CC TO ONE INCH

KCC WICHITA

MIX 55 SKS COM 3% CC TO ONE INCH

DEPTH OF JOB	<u>254'</u>		
PUMP TRUCK CHARGE			<u>520 00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>5.2 MI</u>	@	<u>3 00</u>
PLUG	<u>8 5/8 SURFACE</u>	@	<u>45 00</u>
		@	
		@	

THANK YOU

TOTAL \_\_\_\_\_

CHARGE TO: RETREE EXPLORATION, INC

### FLOAT EQUIPMENT

STREET \_\_\_\_\_

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

	@	
	@	
	@	
	@	
	@	

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 Michael Reddy

Michael L Reddy  
PRINTED NAME



# ALLIED CEMENTING CO., INC.

09329

Federal Tax I.D.# [REDACTED]

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

**CONFIDENTIAL**

SERVICE POINT:

**ORIGINAL** *Dakley*

DATE <i>6-5-02</i>	SEC. <i>5</i>	TWP. <i>17S</i>	RANGE <i>30W</i>	CALLED OUT	ON LOCATION <i>1:00 PM</i>	JOB START	JOB FINISH <i>4:00 PM</i>
LEASE <i>Mr. Wilkens</i>		WELL # <i>1</i>	LOCATION <i>Healy 2W-1N-1/4W</i>		COUNTY	STATE <i>Kan</i>	
OLD OR <u>NEW</u> (Circle one)					Release		

CONTRACTOR *Cheyenne Well Service*

TYPE OF JOB *Port Collar*

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

CASING SIZE *4 1/2* DEPTH \_\_\_\_\_

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

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

TOOL *Port Collar* DEPTH *2296'*

PRES. MAX *1000#* MINIMUM \_\_\_\_\_

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

CEMENT LEFT IN CSG. **KCC**

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

DISPLACEMENT **AUG 27 2002**

OWNER *Same* **From**

CEMENT **Confidential**

AMOUNT ORDERED *450 50/50 P02*

*6% Gel, 1/4# Flo-Seal*

COMMON	<i>225</i> SKS @	<i>7.85</i>	<i>1,766.25</i>
POZMIX	<i>225</i> SKS @	<i>3.50</i>	<i>798.75</i>
GEL	<i>23</i> SKS @	<i>10.00</i>	<i>230.00</i>
CHLORIDE	_____ @	_____	_____
Flo-Seal	<i>113#</i> @	<i>1.40</i>	<i>158.20</i>
	@		
	@		
	@		
	@		
HANDLING	<i>477</i> SKS @	<i>1.10</i>	<i>524.70</i>
MILEAGE	<i>4¢ per SK/mile</i>		<i>992.16</i>
			<b>TOTAL <i>4,470.06</i></b>

**EQUIPMENT**

**CONFIDENTIAL**

PUMP TRUCK CEMENTER *Walt*

# *191* HELPER *Dean*

BULK TRUCK

# *361* DRIVER *Ron M.*

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

*Open Tool, Establish Circ  
mixed approx 350 SKS cement  
lost Circ, mix rest of cement  
Displace 8 BBL, Shut Tool  
Pressure to 1000#, ran 10 Joints  
Circ casing clean*

*[Signature]*

RECEIVED

AUG 28 2002

SERVICE

KCC WICHITA

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE *650.00*

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE *52 miles* @ *156.00*

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

**TOTAL *806.00***

CHARGE TO: *Ritchie Exploration, Inc*

STREET \_\_\_\_\_

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

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

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]*

PRINTED NAME

# ALLIED CEMENTING CO., INC.

7737

Federal Tax I.D.# XXXXXXXXXX

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67663

**CONFIDENTIAL**

ORIGINAL SERVICE POINT

*Hess City - HB*

DATE <u>6.7.02</u>	SEC. <u>5</u>	TWP. <u>179</u>	RANGE <u>30 W</u>	CALLED OUT <u>8:15 AM</u>	ON LOCATION <u>11:25 AM</u>	JOB START <u>11:35 AM</u>	JOB FINISH <u>12:45</u>
LEASER <u>M. Wilkerson</u>			WELL # <u>1</u>	LOCATION <u>Healy 2 west, 1 north</u>		COUNTY <u>Release</u>	STATE <u>Kansas</u>
OLD OR (NEW) (Circle one)			<u>west into</u>				

CONTRACTOR Cheyenne Well Service OWNER Ritchie

TYPE OF JOB Backside -

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

CASING SIZE 5 1/2 DEPTH \_\_\_\_\_

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

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

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

PRES. MAX 300# MINIMUM 100#

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

CEMENT LEFT IN CSG. KCC

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

DISPLACEMENT AUG 27 2002

CEMENT Confidential

AMOUNT ORDERED 100 AX 60/40 POZ 67 GEL  
1/4" flo seal  
(used 85 ex cement)

COMMON	<u>43</u>	@	<u>7.85</u>	<u>337.55</u>
POZMIX	<u>42</u>	@	<u>3.55</u>	<u>149.10</u>
GEL	<u>4</u>	@	<u>10.00</u>	<u>40.00</u>
CHLORIDE		@		
	<u>Flo Seal - 21 #</u>	@	<u>1.40</u>	<u>29.40</u>
		@		
		@		
		@		
		@		
HANDLING	<u>107</u>	@	<u>1.10</u>	<u>117.70</u>
MILEAGE	<u>52</u>			<u>184.00</u>

RECEIVED  
AUG 28 2002  
KCC WICHITA SERVICE

TOTAL ~~800.00~~  
896.31

EQUIPMENT

HB **CONFIDENTIAL**

PUMP TRUCK CEMENTER J.P. Drayling

#120 HELPER Steve Turkey

BULK TRUCK DRIVER Larry Goldberry

#342 DRIVER \_\_\_\_\_

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

REMARKS:

Mixed 85 ex cement down  
Backside, max pressure 300#  
Minimum press 100#  
Shut in @ 200#

DEPTH OF JOB 400' PS

PUMP TRUCK CHARGE \_\_\_\_\_ 580.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 52 @ 3.00 156.00

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \$ 1736.00

CHARGE TO: Ritchie

STREET 8100 E 22nd St W. Bldg 700

CITY Wichita STATE KS ZIP 67226

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.

SIGNATURE \_\_\_\_\_

TAX -0-

TOTAL CHARGE \$ 1580.00

DISCOUNT \$ 150.00 - IF PAID IN 30 DAYS

PRINTED NAME

*Thank you!*

net \$ 1430.00