

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: P.O. Box 783188
 City/State/Zip: Wichita, KS 67278-3188
 Purchaser: NCRA
 Operator Contact Person: John Niemberger
 Phone: (316) 691-9500
 Contractor: Name: Murfin Drilling Company, Inc.
 License: 30606
 Wellsite Geologist: Roger Fisher
 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. _____

<u>6/26/06</u>	<u>7/6/06</u>	<u>7/6/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**ORIGINAL
CONFIDENTIAL**

API No. 15 - 109-20767-0000
 County: Logan
 approx. C N/2 NE Sec. 33 Twp. 12S S. R. 34 East West
648 feet from S / N (circle one) Line of Section
1318 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Kyle Hemmert Well #: 1
 Field Name: _____
 Producing Formation: LKC
 Elevation: Ground: 3003 Kelly Bushing: 3013
 Total Depth: 4650 Plug Back Total Depth: 4571
 Amount of Surface Pipe Set and Cemented at 223 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2435 Feet
 If Alternate II completion, cement circulated from 2435
 feet depth to surface w/ 475 sx cmt.
ALT II WHM 10-26-06
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
 Chloride content 68000 ppm Fluid volume 580 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: 10/26/06
 Subscribed and sworn to before me this 26th day of October,
2006.
 Notary Public: [Signature]
 Date Commission Expires: 5/4/07

KCC Office Use ONLY

YES Letter of Confidentiality Received
 If Denied, Yes Date: _____
YES Wireline Log Received
YES Geologist Report Received **RECEIVED**
 UIC Distribution **KANSAS CORPORATION COMMISSION**
OCT 26 2006

DEBRA K. PHILLIPS
 Notary Public - State of Kansas
 My Appt. Expires 5/4/07

**CONSERVATION DIVISION
WICHITA, KS**

Operator Name: Ritchie Exploration, Inc. Lease Name: Kyle Hemmert Well #: 1
 Sec. 33 Twp. 12S S. R. 34 East West County: Logan

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

**ORIGINAL
 CONFIDENTIAL**

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	223	common	165	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	4640	60/40 pozmix	235	2% gel, 10% salt, 3/4% CD-31

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 (Amount and Kind of Material Used)	Depth
4	4168.5' - 4173.5' (LKC-K) (7/26/06)		
4	4084.5' - 4089.5' (LKC-H) (7/27/06)	750 gallons 15% NE	

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 26 2006
CONSERVATION DIVISION
WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	4580		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
8/9/06		<input type="checkbox"/> Flowing <input checked="" 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
	30.06		40.08		30

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 _____



ORIGINAL

CONFIDENTIAL

#1 Kyle Hemmert
648' FNL & 1318' FEL
12'N & 2'E of C N/2 NE Section 33-12S-34W
Logan County, Kansas
API# 15-109-20767-0000
Elevation: 3003' GL, 3013' KB

<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	2453'	+560	+14
B/Anhydrite	2477'	+536	+13
Heebner	3868'	-855	+3
Lansing	3912'	-899	flat
Lansing "H"	4083'	-1070	+2
Lansing "J"	4136'	-1123	+3
BKC	4213'	-1200	+3
Pawnee	4350'	-1337	+1
Fort Scott	4410'	-1397	flat
Cherokee Shale	4440'	-1427	-3
Johnson	4483'	-1470	-1
Mississippian	4618'	-1605	-32
RTD	4650'	-1637	

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 26 2006
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., INC. 24431

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

SERVICE POINT:
09/10/06

DATE <u>7-6-06</u>	SEC. <u>33</u>	TWP. <u>12S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>10:45 PM</u>	JOB START <u>3:10 AM</u>	JOB FINISH <u>4:00 AM</u>
LEASE <u>Kyle Hemmett</u>	WELL # <u>1</u>	LOCATION <u>Monument 7s 34 2S</u>	COUNTY <u>Logan</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)	<u>1 1/4 w/ Frnt</u>						

CONTRACTOR <u>Murfin Drilling Rig Co</u>	OWNER <u>same</u>
TYPE OF JOB <u>Production String</u>	
HOLE SIZE <u>7 1/8</u>	T.D. <u>4653</u>
CASING SIZE <u>4 1/2</u>	DEPTH <u>4641.83</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port collar</u>	DEPTH <u>2435'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>40.83</u>
CEMENT LEFT IN CSG. <u>40.83</u>	
PERFS.	
DISPLACEMENT <u>7315 Bbls</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Dean</u>	
# <u>373-281</u> HELPER <u>Andrew</u>	
BULK TRUCK	
# <u>218</u> DRIVER <u>Lonnie</u>	
BULK TRUCK	
#	
	DRIVER

CEMENT		
AMOUNT ORDERED <u>250 gks 60/40 P2</u>		
<u>270 Gels 10% Salt 3/4 of P2 C D 31</u>		
<u>.14 per gks 500 # WPR-2</u>		
COMMON <u>150 gks</u>	@ <u>12.20</u>	<u>1830.00</u>
POZMIX <u>100 gks</u>	@ <u>6.10</u>	<u>610.00</u>
GEL <u>4 gks</u>	@ <u>16.65</u>	<u>66.60</u>
CHLORIDE	@	
ASC	@	
SALT <u>24 gks</u>	@ <u>19.20</u>	<u>460.80</u>
<u>C.D-31 761 #</u>	@ <u>7.50</u>	<u>5707.50</u>
<u>Deframer 35 #</u>	@ <u>7.20</u>	<u>252.00</u>
<u>WPR-2 500 gals</u>	@ <u>1.00</u>	<u>500.00</u>
	@	
	@	
	@	
	@	
HANDLING <u>278 gks</u>	@ <u>1.90</u>	<u>528.20</u>
MILEAGE <u>89 SK/mik</u>		<u>556.00</u>
TOTAL		<u>6011.10</u>

CONFIDENTIAL

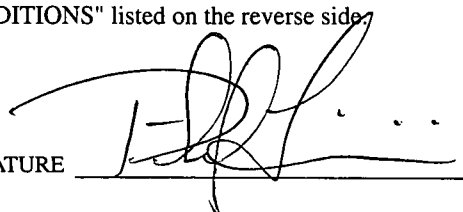
REMARKS:
Plug Port Hole w/15 gks
Plug mouse Hole w/10 gks
pump 225 gks cement down
4 1/2 Cas wash Pump & line, Disp
7315 Bbls

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

SERVICE		
DEPTH OF JOB <u>4641'</u>		
PUMP TRUCK CHARGE		<u>1750.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>25 miles</u>	@ <u>5.00</u>	<u>125.00</u>
MANIFOLD	@	
<u>Rotating Head</u>	@	<u>100.00</u>
	@	
TOTAL		<u>1975.00</u>

4 1/2 PLUG & FLOAT EQUIPMENT		
<u>Guide shoe</u>		<u>125.00</u>
<u>APLI Insert</u>	@	<u>215.00</u>
<u>2 Turbalizers</u>	@ <u>55.00</u>	<u>110.00</u>
<u>2 Baskets</u>	@ <u>130.00</u>	<u>260.00</u>
<u>1-Port collar</u>	@	<u>1600.00</u>
<u>4 1/2 Rubber Plug</u>	@	<u>55.00</u>
TOTAL		<u>2640.00</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.

SIGNATURE 

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Lonnie

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 26 2006
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 23847

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

SERVICE POINT:
Oakley

DATE <u>6-27-06</u>	SEC <u>33</u>	TWP <u>12^s</u>	RANGE <u>34^w</u>	CALLED OUT	ON LOCATION <u>2:00 AM</u>	JOB START <u>2:15 AM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Kyle Hammer</u>	WELL # <u>1</u>	LOCATION <u>Monument 85-30</u>		COUNTY <u>Logan</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>2-5 1 1/4" into</u>			

CONTRACTOR Mur Fin Dels Co #14

TYPE OF JOB Sur Face

HOLE SIZE 12 1/4 T.D. 226'

CASING SIZE 8 5/8 DEPTH 225'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 1/4 1836

OWNER Same

CEMENT AMOUNT ORDERED 165 sks com

3% cc - 2% lat

COMMON	<u>165 sks @ 12.20</u>	<u>2,013.00</u>
POZMIX	@	
GEL	<u>3 sks @ 16.65</u>	<u>49.95</u>
CHLORIDE	<u>6 sks @ 46.60</u>	<u>279.60</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>172 sks @ 1.90</u>	<u>326.80</u>
MILEAGE	<u>8¢ per sk/mile</u>	<u>344.00</u>
TOTAL		<u>3,013.35</u>

CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER Walt

191 HELPER Fuzzy

BULK TRUCK

377 DRIVER Kelly

BULK TRUCK

DRIVER

REMARKS:

Cement Did Circ

Thank You

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @ _____

MILEAGE 25-miles @ 5.00 125.00

MANIFOLD @ _____

TOTAL 940.00

PLUG & FLOAT EQUIPMENT

8 5/8

1-Sur Face Plug @ 60.00

TOTAL 60.00

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 Greg Unruh

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Greg Unruh
PRINTED NAME

RECEIVED
 KANSAS CORPORATION COMMISSION
 OCT 26 2006
 CONSERVATION DIVISION
 WICHITA, KS

ALLIED CEMENTING CO., INC. 24537

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

SERVICE POINT: Oakley

DATE <u>7-11-06</u>	SEC <u>33</u>	TWP <u>12S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>10:00 AM</u>	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:15 PM</u>
LEASE <u>Kyle Hemmest</u>	WELL # <u>1</u>	LOCATION <u>Manumment 75-34-25</u>	COUNTY <u>Logan</u>	STATE <u>Kan</u>			
OLD OR NEW (Circle one)				<u>144W</u>			

CONTRACTOR Express Well Service OWNER _____
 TYPE OF JOB Port Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2 DEPTH _____
 TUBING SIZE 2" DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 2435'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

CEMENT AMOUNT ORDERED 650 SKS 60/40 per
6% Gel, 1/4# Flo-Sol
(used 475 SKS)

COMMON	<u>285-SKS</u>	@	<u>12.20</u>	<u>3,477.00</u>
POZMIX	<u>190-SKS</u>	@	<u>6.10</u>	<u>1,159.00</u>
GEL	<u>25-SKS</u>	@	<u>16.65</u>	<u>416.25</u>
CHLORIDE		@		
ASC		@		
	<u>Flo-Sol 119#</u>	@	<u>2.00</u>	<u>238.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>691 SKS</u>	@	<u>1.90</u>	<u>1,312.90</u>
MILEAGE	<u>8¢ per SK/mile</u>			<u>1,382.00</u>
TOTAL				<u>7,985.15</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 102 HELPER Lannie
 BULK TRUCK
 # 218 DRIVER Mike
 BULK TRUCK
 # 394 DRIVER Kelly

REMARKS:

Test casing @ 1200 # Held
Open tool, Pumped into @ 3000
@ 3000, mixed 475 SKS cement
circ to surface, Displace 9 BBL
Water, shut tool, Test to 1200 # Held
Reverse out casing Thank You

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE 955.00
 EXTRA FOOTAGE @ _____
 MILEAGE 25 miles @ 5.00 125.00
 MANIFOLD @ _____
 @ _____
 @ _____
 TOTAL 1,080.00

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

PLUG & 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 _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME -JW-

RECEIVED
 KANSAS CORPORATION COMMISSION
 CONSERVATION DIVISION
 WICHITA, KS
 OCT 26 2006

10-26-08



October 26, 2006

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

CONFIDENTIAL

RE: #1 Kyle Hemmert
Sec. 33-12S-34W
Logan County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips
Accounting Supervisor

dkp

Enclosures