

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

CONFIDENTIAL

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: Pickrell Drilling Co, Inc.  
License: 5123  
Wellsite Geologist: Gary Gensch

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KCC WICHITA

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: \_\_\_\_\_  
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. \_\_\_\_\_

9/26/03    10/10/03    10/10/03  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 057-20567 0000  
County: Ford  
W2 NW NW NE Sec. 1 Twp. 26 S. R. 21  East  West  
330 feet from N (circle one) Line of Section  
2416 feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Kersting Well #: 1

Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2244' Kelly Bushing: 2249'  
Total Depth: 4776' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 324 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 ALT JWHM  
(Data must be collected from the Reserve Pit) 2-28-07  
Chloride content 42,000 ppm Fluid volume 1,200 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: Geologist Date: 1-5-04  
Subscribed and sworn to before me this 5<sup>th</sup> day of January  
20 04.  
Notary Public: [Signature]  
Date Commission Expires: 5/4/07

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

**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: Kersting Well #: 1  
 Sec. 1 Twp. 26 S. R. 21  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:

Radiation Guard Log

Log Formation (Top), Depth and Datum  Sample

Name See attached Top Datum

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 KCC WICHITA

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 Casing	12 1/4"	8-5/8"	23#	324'	Common	290	2% gel, 3%CC

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

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
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 \_\_\_\_\_



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KCC WICHITA

**#1 Kersting**

330' FNL & 2416' FEL

Section 1-26S-21W

Ford County, Kansas

API# 15-057-20567

Pickrell Drilling Co., Inc., Rig #10

Field: Gary Gensch

Office: Craig Caulk

Elevation: 2,244' GL: 2,249' KB

Sample Tops

Anhydrite	1299'	+950
Heebner Shale	3973'	-1724
Lansing	4092'	-1843
Stark Shale	4352'	-2103
B/KC	4445'	-2196
Fort Scott	4610'	-2361
Cherokee Shale	4624'	-2375
Conglomerate Shale	4689'	-2440
Miss. Warsaw	4715'	-2466
Warsaw Porosity	4723'	-2474
Miss. Osage	4734'	-2485
RTD	4776'	-2527

# ALLIED CEMENTING CO., INC. 12721

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

DATE <u>10-10-03</u>	SEC. <u>1</u>	TWP. <u>26</u>	RANGE <u>21</u>	10-9-03 CALLED OUT <u>7:00 PM</u>	ON LOCATION <u>11:00 PM</u>	1st Band 10-10-03 JOB START <u>12:30 AM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Kersting</u>	WELL # <u>1</u>	LOCATION <u>Offshore 4 1/2, 3/4 W, 5/16</u>			COUNTY <u>Ford</u>	STATE <u>Ka</u>	
<input type="radio"/> OLD <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Anthony Blay

TYPE OF JOB Anthony Blay

HOLE SIZE 7 7/8" T.D. 4226'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

DRILL PIPE 4 1/2" DEPTH 1324'

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

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

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

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

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

DISPLACEMENT \_\_\_\_\_

OWNER Some

CEMENT

AMOUNT ORDERED 125 lbs 60/40 6% Hel  
1/4 # Flare Side

COMMON	<u>105 gal</u>	@	<u>7.15</u>	<u>750.75</u>
POZMIX	<u>2 gal</u>	@	<u>3.80</u>	<u>216.00</u>
GEL	<u>9 gal</u>	@	<u>10.00</u>	<u>90.00</u>
CHLORIDE		@		
<u>FLO SEAL</u>	<u>44 #</u>	@	<u>1.40</u>	<u>61.60</u>
		@		
		@		
		@		
		@		
HANDLING	<u>186 gal</u>	@	<u>1.15</u>	<u>213.90</u>
MILEAGE	<u>186 OS</u>	<u>45</u>		<u>418.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Turner

# 181 HELPER Turner

BULK TRUCK

# 342 DRIVER Don August

BULK TRUCK

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

RECEIVED

TOTAL 1800.75

JAN 06 2004  
KCC WICHITA SERVICE

REMARKS:

Mixed - 50 lbs @ 1324'

50 lbs @ 620'

50 lbs @ 340'

10 lbs @ 40'

15 lbs in Pot hole

T. Frank

DEPTH OF JOB 1324'

PUMP TRUCK CHARGE \_\_\_\_\_ 520.00

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

MILEAGE 45.00 @ 3.50 157.50

PLUG 1-8 5/8 Amp hole @ 23.00 23.00

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

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

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

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

TOTAL 700.50

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 X Mike Kern X Mike Kern

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

# ALLIED CEMENTING CO., INC. 12901

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:  
Great Bend

DATE <u>9-29-03</u>	SEC. <u>1</u>	TWP. <u>26 S</u>	RANGE <u>21 W</u>	CALLED OUT <u>8:30 pm</u>	ON LOCATION <u>10:00 pm</u>	JOB START <u>12:12 AM</u>	JOB FINISH <u>1:00 AM</u>
LEASE <u>Keasting</u>	WELL # <u># 1</u>	LOCATION <u>OFFERRE 4 1/2 south</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		to dead end - 2 west - south into					

CONTRACTOR <u>Pickrell</u> TYPE OF JOB <u>Surface Pipe</u> HOLE SIZE <u>12 1/4</u> T.D. <u>329</u> CASING SIZE <u>8 5/8</u> DEPTH <u>327</u> TUBING SIZE _____ DEPTH _____ DRILL PIPE _____ DEPTH _____ TOOL _____ DEPTH _____ PRES. MAX <u>500</u> MINIMUM _____ MEAS. LINE _____ SHOE JOINT _____ CEMENT LEFT IN CSG. <u>approx 15'</u> PERFS. _____ DISPLACEMENT <u>20 BB/s</u> EQUIPMENT _____	OWNER <u>Ritchie Exploration</u>  CEMENT AMOUNT ORDERED <u>190 sx Common</u> <u>342</u>  <table style="width: 100%;"> <tr> <td>COMMON</td> <td><u>190 net</u></td> <td>@</td> <td><u>7.15</u></td> <td><u>1358.50</u></td> </tr> <tr> <td>POZMIX</td> <td></td> <td>@</td> <td></td> <td></td> </tr> <tr> <td>GEL</td> <td><u>4 net</u></td> <td>@</td> <td><u>10.00</u></td> <td><u>40.00</u></td> </tr> <tr> <td>CHLORIDE</td> <td><u>6 net</u></td> <td>@</td> <td><u>30.00</u></td> <td><u>180.00</u></td> </tr> <tr> <td></td> <td></td> <td>@</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>@</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>@</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>@</td> <td></td> <td></td> </tr> <tr> <td>HANDLING</td> <td><u>200 net</u></td> <td>@</td> <td><u>1.15</u></td> <td><u>230.00</u></td> </tr> <tr> <td>MILEAGE</td> <td><u>200 net 05 45</u></td> <td></td> <td></td> <td><u>450.00</u></td> </tr> </table>	COMMON	<u>190 net</u>	@	<u>7.15</u>	<u>1358.50</u>	POZMIX		@			GEL	<u>4 net</u>	@	<u>10.00</u>	<u>40.00</u>	CHLORIDE	<u>6 net</u>	@	<u>30.00</u>	<u>180.00</u>			@					@					@					@			HANDLING	<u>200 net</u>	@	<u>1.15</u>	<u>230.00</u>	MILEAGE	<u>200 net 05 45</u>			<u>450.00</u>
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KCC WICHITA SERVICE

REMARKS:  
Run 7 jts of 8 5/8 csg-cement with  
190 sx cement. Displace plug with  
20 BB/s of Fresh Water -  
cement did Circ

Thanks

DEPTH OF JOB	<u>327'</u>		
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE	<u>27'</u>	@	<u>50</u> <u>13.50</u>
MILEAGE	<u>45</u>	@	<u>3.50</u> <u>157.50</u>
PLUG	<u>1-8 5/8 wood</u>	@	<u>45.00</u> <u>45.00</u>
		@	
		@	

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_

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

TOTAL 736.00

FLOAT EQUIPMENT [Signature]

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

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TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

SIGNATURE Mike Kern

Mike Kern  
PRINTED NAME