

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

ORIGINAL

CONFIDENTIAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: \_\_\_\_\_  
Operator Contact Person: John Niernberger  
Phone: (316) 691-9500  
Contractor: Name: Summit Drilling Company  
License: 30141

Wellsite Geologist: Bill Stout  
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>1/20/05</u>	<u>1/26/05</u>	<u>3/3/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 073-24003-00-00  
County: Greenwood  
N/2 NE NE Sec. 30 Twp. 22S S. R. 10  East  West  
330 feet from S N (circle one) Line of Section  
660 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Ritchie Trust Well #: 1

Field Name: \_\_\_\_\_  
Producing Formation: Bartlesville Sand  
Elevation: Ground: 1525' Kelly Bushing: 1535'  
Total Depth: 2550' Plug Back Total Depth: 2523'  
Amount of Surface Pipe Set and Cemented at 223 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 W.H.  
(Data must be collected from the Reserve Pit) 6-27-07  
Chloride content 1000 ppm Fluid volume 3200 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.: \_\_\_\_\_

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MAY 10 2005  
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**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: 5/10/05  
Subscribed and sworn to before me this 10<sup>th</sup> day of May, 2005.  
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**  
YES Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

**CONFIDENTIAL**

Side Two

Operator Name: Ritchie Exploration, Inc. Lease Name: Ritchie Trust Well #: 1  
Sec. 30 Twp. 22S S. R. 10  East  West County: Greenwood

**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  
Bartlesville Sand 2418' -883

List All E. Logs Run:

Dual Induction Log  
Dual Compensated Porosity Log

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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"	24#	223'	common	110	1% gel, 6% cc
Production	7-7/8"	5-1/2"	14#	2534'	60/40 poz	150	6% gel, 1/4# flocele

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
2	2416.5' - 2419.5', 2422.5' - 2425.5', 2434.5' - 2437.5', 2441.5'-2445.5', 2449.5'-2451.5', 2455.5'-2459.5' and 2467' - 2472'	1200 gallons 15% NE, 6800 lbs sand frac	Bartlesville Sand

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	2485'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. waiting on equipment			Producing Method <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
	10		65		

Disposition of Gas **METHOD OF COMPLETION** Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
(If vented, Submit ACO-1B.)  Other (Specify)

# KCC

CONSOLIDATED OIL WELL SERVICES  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

MAY 10 2005

TRIP NUMBER

3183

LOCATION EUREKA

FOREMAN KEVIN MCCOY

**CONFIDENTIAL**

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**TREATMENT REPORT & FIELD TICKET**  
**CEMENT**

**ORIGINAL**

DATE <u>1-26-05</u>	CUSTOMER # <u>6960</u>	WELL NAME & NUMBER <u>Ritchie Trust #1</u>	SECTION <u>30</u>	TOWNSHIP <u>22S</u>	RANGE <u>10E</u>	COUNTY <u>GW</u>
CUSTOMER <u>Ritchie Exploration, Inc.</u>			TRUCK # <u>445</u>	DRIVER <u>TROY</u>	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 783188</u>			<u>441</u>	<u>Justin</u>		
CITY <u>Wichita</u>			<u>442</u>	<u>Anthony</u>		
STATE <u>KS</u>			<u>437</u>	<u>RANDY</u>		
ZIP CODE <u>67278</u>						

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 2550 CASING SIZE & WEIGHT 5 1/2 14# New  
 CASING DEPTH 2534 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 # SLURRY VOL 56 BBL WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 10  
 DISPLACEMENT 61.6 BBL DISPLACEMENT PSI 850 MAX PSI 1400 Bump Plug RATE 5 BPM

REMARKS: Safety Meeting. Rig up to 5 1/2 casing. Break circulation w/ 10 BBL Fresh  
Water. Mixed 150 SKS 60/40 Pozmix Cement w/ 6% Gel, 1/4 # Flocele per/sk @ 13.5 #  
Per/gal yield 1.55. Tail in w/ 50 SKS Thick Set Cement w/ 4 # Kol-Seal per/sk @  
13.5 # per/gal yield 1.66. Shut down. wash out Pump & Lines. Release Plug.  
Displace w/ 61.6 BBL Fresh Water. Final Pumping Pressure 850 psi. Bump Plug to  
1400 psi. Wait 2 minutes. Release Pressure. Float Held. Job Complete.  
Good Circulation At All times while Cementing.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>5401</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>710.00</u>	<u>710.00</u>
<u>5406</u>	<u>30</u>	<u>MILEAGE</u>	<u>2.35</u>	<u>70.50</u>
<u>1131</u>	<u>150 SKS</u>	<u>60/40 Pozmix Cement</u>	<u>7.30</u>	<u>1095.00</u>
<u>1118</u>	<u>8 SKS</u>	<u>Gel 6%</u>	<u>12.40</u>	<u>99.20</u>
<u>1107</u>	<u>1 1/2 SKS</u>	<u>Flocele 1/4 # per/sk</u>	<u>40.00</u>	<u>60.00</u>
<u>1126A</u>	<u>50 SKS</u>	<u>Thick Set Cement</u>	<u>11.85</u>	<u>592.50</u>
<u>1110A</u>	<u>4 SKS</u>	<u>Kol-Seal 4 # per/sk</u>	<u>15.75</u>	<u>63.00</u>
<u>5407A</u>	<u>9.2 TONS</u>	<u>30 miles</u>	<u>26.85</u>	<u>234.60</u>
<u>4406</u>	<u>1</u>	<u>5 1/2 Top Rubber Plug</u>	<u>40.00</u>	<u>40.00</u>
<u>4203</u>	<u>1</u>	<u>5 1/2 Guide Shoe</u>	<u>102.00</u>	<u>102.00</u>
<u>4228</u>	<u>1</u>	<u>5 1/2 AFU Insert Flapper Valve</u>	<u>145.00</u>	<u>145.00</u>
<u>4130</u>	<u>4</u>	<u>5 1/2 X 7/8 Centralizers</u>	<u>28.00</u>	<u>112.00</u>
<u>5502</u>	<u>4 Hrs</u>	<u>80 BBL VAC TRUCK</u>	<u>78.00</u>	<u>312.00</u>
<u>1123</u>	<u>2940 gals</u>	<u>City Water</u>	<u>11.50 per 100</u>	<u>33.81</u>
			<b>Sub total</b>	<b>3569.61</b>
			<b>SALES TAX</b>	<b>747.58</b>
			<b>ESTIMATED TOTAL</b>	<b>3817.29</b>

Thank You

*[Signature]*  
 TITLE 195216

AUTHORIZATION

TITLE

DATE

CONSOLIDATED OIL WELL SERVICES  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

KCC  
 MAY 10 2005

TICKET NUMBER 2721  
 LOCATION Eureka  
 FOREMAN Steve Mead

CONFIDENTIAL

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TREATMENT REPORT & FIELD TICKET

CEMENT

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-23-05	69166	Ritchie Tngt-1	30	23	10E	Greenwood
CUSTOMER Ritchie Exploration			Summit Drilling Co.			
MAILING ADDRESS P.O. Box 783188			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Wichita			4421	Alan		
STATE KS	ZIP CODE 67278		439	Jim		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 237 CASING SIZE & WEIGHT 8 5/8 24.5  
 CASING DEPTH 816 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 15'  
 DISPLACEMENT 13 3/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 3 bpm

REMARKS: Safety Meetings. Rig up to 8 5/8 casing. Break circulation with 14 bbls ahead. Mix 110 sks cement with 3% caclz & floccle. Displace with 13 3/4 bbls water. Shut casing in. Good cement. Return to surface. Job complete. Teardown.

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL	
54015	1	PUMP CHARGE	550.00	550.00	
5406	25	MILEAGE	2.35	58.75	
1104	110 sks	Regular - Class A Cement	8.90	979.00	
1102	6 sks	Caclz 3%	35.70	214.20	
1107	1 sks	Floccle	40.00	40.00	
5407A	5.17 Tons	25 miles Bulk Truck	85	409.86	
				Sub Total	1951.81
				SALES TAX	77.69

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ESTIMATED TOTAL 2029.50

AUTHORIZATION Dan Cox

TITLE 195207

DATE \_\_\_\_\_