

CONFIDENTIAL

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

10/15/09
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 Niernberger
Phone: (316) 691-9500
Contractor: Name: _____
License: _____
Wellsite Geologist: _____
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. E-28790
08/02/2007 08/02/2007 08/17/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 073-24028-00001
County: Greenwood
100'N SE SW NW Sec. 29 Twp. 22 S. R. 10 ☒ East ☐ West
2210 feet from S / (N) (circle one) Line of Section
990 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 #: 6 ERW
Field Name: Browning
Producing Formation: Bartlesville Sand
Elevation: Ground: 1479 Kelly Bushing: 1489
Total Depth: 2480 Plug Back Total Depth: 2444'
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 ENHR NJ 3-1209
(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.

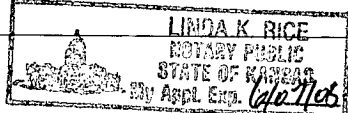
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: _____
Title: Production Manager Date: 10/15/2007

Subscribed and sworn to before me this 15th day of October,
2007.

Notary Public: Linda K. Rice

Date Commission Expires: 6/07/08



KCC Office Use ONLY

☒ Letter of Confidentiality Received
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received KANSAS CORPORATION COMMISSION
____ Geologist Report Received
____ UIC Distribution
OCT 16 2007
COPIES TO UIC
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Ritchie Trust Well #: 6 ERW
 Sec. 29 Twp. 22 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)

List All E. Logs Run:

Cased Hole Gamma - Correlation Collar Log

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
Bartlesville Sand	2364'	-875
B/Bartlesville Sand	2420'	-931

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 KCC

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	12.25"	8.625"	24#	223'	common	110	3% CC, 1/4# flocele
Production	7.875"	5.50"	14#	2479'	60/40 pozmix & Thick Set	150 & 50	6% gel, 1/4# per sack flocele & \$5 Kd

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	2388'-2394', 2381-2385', 2368'-2377',	850 gallons 15% MCA	
	2361.5'-2364.5' (Bartlesville Sand) (04/06)	7200# sand-frac	
2	2398.5'-2404.5' (Bartlesville Sand) (08/07)		
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer At	
2-3/8"	2360'	2335'	
Date of First, Resumed Production, SWD or Enhr.		Producing Method	
08/17/2007		<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

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

CONSOLIDATED OIL WELL SERVICES, INC.
P.O. BOX 884, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER 08524
LOCATION EUREKA
FOREMAN KEVIN M COY

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-29-06	6966	Ritchie Trust #6	29	22S	10E	GW
CUSTOMER <u>Ritchie Exploration, Inc.</u>			Summit Drig. Co.			
MAILING ADDRESS <u>P.O. Box 783188</u>						
CITY <u>Wichita</u>	STATE <u>KS</u>	ZIP CODE <u>67278</u>	TRUCK # <u>445</u>	DRIVER <u>RICK L.</u>	TRUCK # <u>479</u>	DRIVER <u>CALIN</u>
			OCT 15 2007 KCC			

JOB TYPE SURFACE HOLE SIZE 12 1/4 HOLE DEPTH 229' CASING SIZE & WEIGHT 8 5/8 23# new
CASING DEPTH 226' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.8 # SLURRY VOL 23 BBL WATER gal/sk 5.2 CEMENT LEFT in CASING 20'
DISPLACEMENT 13.2 BBL DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety Meeting: Rig up to 8 5/8 casing. BREAK circulation w/ 15 BBL
Fresh water. Mixed 110 sks Regular Cement w/ 3% CACL2, 1/4" Floccle
per/sk @ 14.8 # per/gal, yield 1.18. Displace w/ 13.2 BBL Fresh water.
Shut casing in. Good Cement Returns to Surface = 5 BBL slurry.
Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	620.00	620.00
5406	25	MILEAGE	3.15	78.75
1104 S	110 SKS	Regular Class "A" Cement	11.25	1237.50
1102	300 #	CACL2 3%	.64 #	192.00
1107	25 #	Floccle 1/4" per/sk	1.80 #	45.00
5407	5.17 Tons	Ton Mileage Bulk Truck	MIC	275.00
RECEIVED KANSAS CORPORATION COMMISSION OCT 16 2007 CONSERVATION DIVISION WICHITA, KS				
		Sub Total	2448.25	
		SALES TAX 6.3%	92.90	
		ESTIMATED TOTAL	2541.15	

AUTHORIZATION Don Af

TITLE

DATE

CONSOLIDATED OIL WELL SERVICES, INC.
P.O. BOX 884, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER 08565
LOCATION Eureka
FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-1-06	6966	Ritchie Trust #6				GW

CUSTOMER
Ritchie Exploration, Inc.
MAILING ADDRESS
P.O. Box 783188
CITY
Wichita STATE
Ks. ZIP CODE
67278

TRUCK #	DRIVER	TRUCK #	DRIVER
445	Rick	CONFIDENTIAL	
442	Rick P.	OCT 5 2007	
439	Larry		
436	Larry Ryss	KCC	

JOB TYPE Longstring HOLE SIZE 7 7/8" HOLE DEPTH 2480' CASING SIZE & WEIGHT 5 1/2" - 14"
CASING DEPTH 2487' DRILL PIPE TUBING OTHER P8TD 2471'
SLURRY WEIGHT 12.8 13.4 SLURRY VOL 578bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 16'
DISPLACEMENT 60.2 Bbl DISPLACEMENT PSI 700 MIX PSI 1200 Bump PLUG RATE

REMARKS: Safety Meeting: Rig up to 5 1/2" Casing. Pump 20 Bbl Fresh Water.
Mixed 150sks 60/40 Poz-mix w/ 6% Gel + 1/4" Perf Floccle @ 12.8" Perf.
Tail in w/ 50sks Thickset Cement w/ 4" Kol-Seal Perf @ 13.4" Perf.
Wash out Pump + lines. Released Plug. Displaced w/ 60.2 Bbl Water.
Final Pump Pressure 700 PSI. Pump Plug to 1200 PSI. Wait 2 mins.
Release Pressure. Float Held. Good Circulation Throughout Cementing
Procedures.

Job Complete.

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 16 2007

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE CONSERVATION DIVISION WICHITA, KS	800.00	800.00
5406	25	MILEAGE	3.15	78.75
1131	150sks	60/40 Poz-mix Cement	9.35	1402.50
1118A	750"	Gel 6%	.14"	105.00
1107	35"	Floccle 1/4" Perf/sk	1.80"	63.00
1126A	50sks	Thickset Cement	14.65	732.50
1110A	200"	Kol-Seal 4" Perf/sk	.36"	72.00
5407	9.2 Ton	Ton-Mileage Bulk Trucks	m/c	275.00
5502C	4 hrs.	80 Bbl Vac. Truck	90.00	360.00
1123	3300 gal	City Water	12.80	42.24
4203	1	5 1/2" Guide shoe	114.00	114.00
4228	1	5 1/2" AFU Insert Flapper Valve	163.00	163.00
4130	4	5 1/2" Centralizers	32.00	128.00
4406	1	5 1/2" Tap Rubber Plug.	45.00	45.00
		Sub Total		4380.99
		Thank You!	6.3%	SALES TAX 180.65
				ESTIMATED TOTAL 4561.64

AUTHORIZATION

Bonnie Rich

TITLE

204287

DATE