

CONFIDENTIAL

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

9/25/10

Operator: License # 33539  
 Name: Cherokee Wells, LLC  
 Address: P.O. Box 296  
 City/State/Zip: Fredonia, KS 66736  
 Purchaser: Southeastern Kansas Pipeline  
 Operator Contact Person: Emily Lybarger  
 Phone: (620) 378-3650  
 Contractor: Name: McPherson Drilling **CONFIDENTIAL**  
 License: 5675 **SEP 25 2008**  
 Wellsite Geologist: N/A  
 Designate Type of Completion: **KCC**  
 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. \_\_\_\_\_  
 8/14/08 \_\_\_\_\_ 8/18/08 \_\_\_\_\_  
 Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
 Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 205-27578-0000  
 County: Wilson  
 E2 SE SW Sec. 13 Twp. 27 S. R. 14  East  West  
660 feet from **(S)** N (circle one) Line of Section  
1990 feet from E / **(W)** (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW **(SW)**  
 Lease Name: Duckworth Well #: A-4  
 Field Name: Cherokee Basin Coal Gas Area  
 Producing Formation: Unknown  
 Elevation: Ground: 865' Kelly Bushing: N/A  
 Total Depth: 1355' Plug Back Total Depth: N/A  
 Amount of Surface Pipe Set and Cemented at 43' 10" Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from surface  
 feet depth to bottom casing w/ 145 sx cmt.

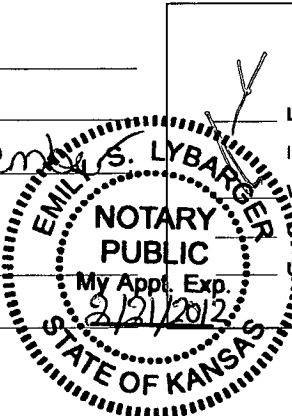
**Drilling Fluid Management Plan** *AIT II NHTA-1508*  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used \_\_\_\_\_  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease 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: Sharon Judd  
 Title: Administrative Assistant Date: 9/25/08

Subscribed and sworn to before me this 25 day of September  
2008.  
 Notary Public: Emily Lybarger  
 Date Commission Expires: 2/21/2012



**KCC Office Use ONLY**  
 Letter of Confidentiality Received \_\_\_\_\_  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received \_\_\_\_\_  
 Geologist Report Received \_\_\_\_\_  
 QC Distribution \_\_\_\_\_  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**OCT 01 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Cherokee Wells, LLC Lease Name: Duckworth Well #: A-4  
 Sec. 13 Twp. 27 S. R. 14  East  West County: Wilson

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>High Resolution Compensated Density/Neutron Log, Dual Induction Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Drillers Log Enclosed
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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	11"	8 5/8"	18#	43' 10"	Portland	8	
Longstring	6 3/4"	4 1/2"	N/A	1345'	Thickset	145	

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
N/A	N/A	N/A	N/A

TUBING RECORD		Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS	
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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**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 19248

LOCATION Europe

FOREMAN Troy Strickler

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-20-08	2890	Duck Worth A-4				Wilson
CUSTOMER Domestic Energy Partners			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 4916 Camp Bowie Suite 200			520	Cliff		
CITY Ft Worth			479	John		
STATE TX		ZIP CODE 76107				

JOB TYPE 4/5 HOLE SIZE 6 3/4" HOLE DEPTH 1355' CASING SIZE & WEIGHT 4 1/2"  
 CASING DEPTH 1395' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL 4486l WATER gal/sk 8" CEMENT LEFT in CASING 0'  
 DISPLACEMENT 21.484 DISPLACEMENT PSI 500 MIX PSI 1000 @ 1000 RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation w/ 2000 water.  
Pump lost Col - Flush. 4086l Dye water. mixed 1453kl Thick Set Cement  
w/ 5" Kol-Seal @ 13.2" ft. Wash out Pump + then Release Plug.  
Displace w/ 21.486l water. Final Pumping Pressure 500 PSI. Pump Fly  
to 1000 PSI. wait 2 min. Release Pressure. Float Held. Good  
Cement to surface = 786l Slury to Pit.  
Job Complete

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1126A	1453kl	Thick Set Cement	17.00	2465.00
1110A	725#	Kol-Seal 5"/sk	.42	304.50
1118A	300#	Col - Flush	.17	51.00
5407		Tur - m. / day	m/c	305.00
4404	1	4 1/2" Top Rubber Fly	45.00	45.00
RECEIVED KANSAS CORPORATION COMMISSION				
OCT 01 2008				
T. Paul CONSERVATION DIVISION WICHITA, KS				
			Sub Total	4251.50
			SALES TAX	180.53
			ESTIMATED TOTAL	4432.03

Revin 3737

025103

AUTHORIZATION called by John Webb

TITLE Co-Rep

DATE \_\_\_\_\_

**McPherson Drilling LLC Drillers Log**

<b>Rig Number:</b> 3	<b>S. 13</b>	<b>T. 27</b>	<b>R. 14E</b>
<b>API No. 15- 205-27578</b>	<b>County: WILSON</b>		
Elev. 865	<b>Location: E2 SE SW</b>		

<b>Operator:</b> CHEROKEE WELLS LLC
<b>Address:</b> P.O. BOX 296 FREDONIA KS 66738
<b>Well No:</b> A-4 <b>Lease Name:</b> DUCKWORTH
<b>Footage Location:</b> 660 ft. from the SOUTH Line 1990 ft. from the WEST Line
<b>Drilling Contractor:</b> McPherson Drilling LLC
<b>Spud date:</b> .08/14/2008 <b>Geologist:</b>
<b>Date Completed:</b> .08/18/2008 <b>Total Depth:</b> 1355

<b>Gas Tests:</b>		
550	0.00	MCF
571	0.00	MCF
896	0.00	MCF
904	SLGHT BLW	MCF
919	2.96	MCF
994	2.96	MCF
1008	3.94	MCF
1129	4.84	MCF
1136	3.94	MCF
1257	3.94	MCF
1270	7.70	MCF
<b>Comments:</b>		
WAIT ON LOCATION		2.00 HRS
Start injecting H2O @ 653		

<b>Casing Record</b>			<b>Rig Time:</b>	
<b>Size Hole:</b> 11"	<b>Surface</b> 11"	<b>Production</b> 6 3/4"	2.75	HRS GAS TEST
<b>Size Casing:</b> 8 5/8"			1.00	DAY BOOSTER
<b>Weight:</b> 18#			1.50	WATER HAUL TRUCK
<b>Setting Depth:</b> 43'10"		CHEROKEE		
<b>Type Cement:</b> Portland				
<b>Sacks:</b> 8		MCPHERSON	<b>DRILLER:</b>	DEVIN WINDSOR

<b>Well Log</b>										
<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>Formation</b>	<b>Btm.</b>
soil	0	5	lime	789	793	shale	1253	1261		
shale	5	25	shale	793	815	coal	1261	1268		
lime	25	30	sand	815	851	shale	1268	1305		
shale	30	106	shale	851	884	Mississippi lime	1305	1355		
lime	106	132	coal	884	886					TD
shale	132	144	shale	886	892					
lime	144	172	oswego	892	900					
shale	172	361	summit	900	902					
lime	361	412	lime	902	913					
shale	412	443	mulky	913	915					
lime	443	453	black shale	915	940					
shale	453	486	shale	940	960					
lime	486	545	sand shale	960	981					
black shale	545	546	oil sand	981	987					
lime	546	554	shale	987	1004					
sand	554	566	coal	1004	1006					
coal	566	571	shale	1006	1063					
shale	571	603	sand shale	1063	1075					
lime	603	660	shale	1075	1123					
shale	660	684	coal	1123	1125					
lime	684	694	shale	1125	1129					
shale	694	733	coal	1129	1132					
lime	733	758	shale	1132	1250					
shale	758	789	coal	1250	1253					

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