

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL 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 **CONFIDENTIAL**  
 Contractor: Name: McPherson Drilling **SEP 25 2008**  
 License: 5675  
 Wellsite Geologist: N/A **KCC**  
 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. \_\_\_\_\_  
 8/20/08 \_\_\_\_\_ 8/22/08 \_\_\_\_\_  
 Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
 Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 205-27630-0000  
 County: Wilson  
 NW SE \_\_\_\_\_ Sec. 24 Twp. 27 S. R. 14  East  West  
1980 feet from (S) N (circle one) Line of Section  
1980 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Engstrom Well #: A-1  
 Field Name: Cherokee Basin Coal Gas Area  
 Producing Formation: Unknown  
 Elevation: Ground: 877' Kelly Bushing: N/A  
 Total Depth: 1330' Plug Back Total Depth: N/A  
 Amount of Surface Pipe Set and Cemented at 42' 8" 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/ 140 sx cmt.

**Drilling Fluid Management Plan** At II NH 12-7108  
 (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.: \_\_\_\_\_

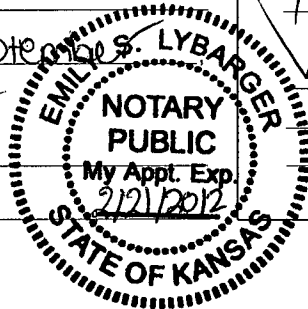
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: Shamir Shute  
 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  
 UIC Distribution

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**OCT 01 2008**

Operator Name: Cherokee Wells, LLC Lease Name: Engstrom Well #: A-1  
 Sec. 24 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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p><b>High Resolution Compensated Density/Neutron Log, Dual Induction Log</b></p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <p>Name _____ Top _____ Datum _____</p> <p>Drillers Log Enclosed _____</p>
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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#	42' 8"	Portland	8	
Longstring	6 3/4"	4 1/2"	10.5#	1320'	Thickset	140	

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 <i>(Amount and Kind of Material Used)</i>	Depth
N/A	N/A	N/A	N/A

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 \_\_\_\_\_

Production Interval  Other (Specify) \_\_\_\_\_

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 WICHITA, KS



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 19237  
LOCATION EUREKA  
FOREMAN KEVIN MCCOY

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
8-28-08	2890	Engstorm A-1				WAGON
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Domestic Energy Partners			445	Justin		
MAILING ADDRESS			479	CAIM		
4916 Camp Bowie Ste 200			436	John G.		
CITY	STATE	ZIP CODE	452 T63	Jim		
Fortworth	Tx	76107				
JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT			
Longstring	6 3/4	1330'	4 1/2 10.5" New			
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
1320'						
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
13.4"	4 1/2 BBL	8.0	0'			
DISPLACEMENT	DISPLACEMENT PSI	PSI	Bump Plug RATE			
21 BBL	500	1000	Bump Plug			

REMARKS: Safety Meeting: Rig up to 4 1/2 casing w/ wash head. Break circulation w/ 25 BBL fresh water. Wash down 10' casing. Pump 6 sks Gel Finish, 13 BBL Dye water. Around 140 sks Thick Set Cement w/ 5" Kel-Seal /sk @ 13.4" /gal, yield 1.69. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 21 BBL fresh water. Final Pumping Pressure 500 PSI. Bump Plug to 1000 PSI. wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 9 BBL Slurry to Pit. Job Complete. Rig down

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
1126 A	140 sks	THICK Set Cement	17.00	2380.00
1110 A	700 "	Kel-Seal 5" /sk	.42 "	294.00
1118 A	300 "	Gel Finish	.17 "	51.00
5407	7.7 tons	Ton Mileage Bulk Truck	M/C	315.00
5502 c	4 Hrs	80 BBL Vac Truck	100.00	400.00
5501 c	4 Hrs	water Transport	112.00	448.00
1123	7500 gals	City water	14.00/1000	105.00
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
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			Sub Total	5109.00
			SALES TAX 6.3%	181.13
			ESTIMATED TOTAL	5290.13

Revin 3737

THANK You  
005100

AUTHORIZATION Called By Tyler TITLE \_\_\_\_\_ DATE \_\_\_\_\_

**McPherson Drilling LLC Drillers Log**

<b>Rig Number:</b> 3	<b>S. 24</b>	<b>T. 27</b>	<b>R. 14E</b>
<b>API No. 15- 205-27630</b>	<b>County: WILSON</b>		
<b>Elev. 877</b>	<b>Location: NW SE</b>		

<b>Operator:</b> CHEROKEE WELLS LLC			
<b>Address:</b> P.O. BOX 296 FREDONIA KS 66738			
<b>Well No:</b> A-1	<b>Lease Name:</b> ENGSTROM		
<b>Footage Location:</b> 1980 ft. from the SOUTH Line			
1980 ft. from the EAST Line			
<b>Drilling Contractor:</b> McPherson Drilling LLC			
<b>Spud date:</b> .08/20/2008	<b>Geologist:</b>		
<b>Date Completed:</b> .08/22/2008	<b>Total Depth:</b> 1330		

<b>Gas Tests:</b>		
524	0.00	MCF
538	0.00	MCF
560	0.00	MCF
588	0.00	MCF
637	SLGHT BLW	MCF
737	SLGHT BLW	MCF
765	SLGHT BLW	MCF
806	2.96	MCF
862	2.96	MCF
884	2.96	MCF
891	2.96	MCF
911	2.96	MCF
925	2.96	MCF
985	2.96	MCF
1094	4.84	MCF
1270	2.76	MCF
1330	2.76	MCF
<b>Comments:</b> Start injecting @		

<b>Casing Record</b>			<b>Rig Time:</b>	
	<b>Surface</b>	<b>Production</b>	4.25	HRS GAS TEST
<b>Size Hole:</b>	11"	6 3/4"	1.00	DAY BOOSTER
<b>Size Casing:</b>	8 5/8"		1.50	WATER HAUL TRUCK
<b>Weight:</b>	18#			
<b>Setting Depth:</b>	42.8'	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>	
soil	0	5	black shale	731	733	coal	980	981	
shale	5	35	lime	733	743	sand	981	1029	
lime	35	43	sand	743	758	shale	1029	1091	
shale	43	91	sandy shale	758	759	coal	1091	1092	
lime	91	142	black shale	759	761	shale	1092	1263	
shale	142	232	sandy shale	761	765	coal	1263	1264	
lime	232	307	sand	765	786	shale	1264	1280	
shale	307	343	shale	786	803	Mississippi lime	1280	1330	
lime	343	383	coal	803	804				TD
shale	383	451	sandy shale	804	821				
lime	451	513	shale	821	856				
shale	513	517	coal	856	857				
black shale	517	519	shale	857	864				
lime	519	523	lime	864	878				
sand	523	533	black shale	878	879				
coal	533	534	lime	879	888				
shale	534	554	blk shale /coal	888	889				
coal	554	556	shale	889	890				
shale	556	582	lime	890	907				
coal	582	583	coal	907	908				
lime	583	612	lime	908	919				
black shale	612	615	coal	919	920				
lime	615	650	lime	920	947				
shale	650	731	shale	947	980				

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