

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

4/1/10

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: Well Refined Drilling  
License: 33072  
Wellsite Geologist: N/A

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. \_\_\_\_\_  
3/26/08 3/27/08  
Spud Date or 3/27/08  
Recompletion Date Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

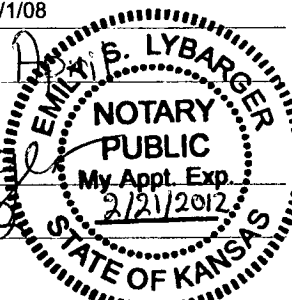
API No. 15 - 205-27445-0000  
County: Wilson  
C SW SW Sec. 12 Twp. 28 S. R. 14  East  West  
660 feet from S (circle one) Line of Section  
660 feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Kurtz Well #: A-1  
Field Name: Cherokee Basin Coal Gas Area  
Producing Formation: N/A  
Elevation: Ground: N/A Kelly Bushing: N/A  
Total Depth: 1280' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 41 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1270  
feet depth to surface w/ 135 sx cmt.

Drilling Fluid Management Plan AKIWS 10-29-09  
(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: [Signature]  
Title: Administrative Assistant Date: 4/1/08  
Subscribed and sworn to before me this 1 day of April  
20 08.  
Notary Public: Emily S. 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  
APR 03 2008

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Cherokee Wells, LLC Lease Name: Kurtz Well #: A-1  
 Sec. 12 Twp. 28 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  <div style="text-align: center;">                     CONFIDENTIAL                      APR 01 2008                      KCC                 </div>
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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	12 1/4"	8 5/8"	26#	41'	Portland	10	
Longstring	6 3/4"	4 1/2"	N/A	1270'	Thickset	135	

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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	RECEIVED KANSAS CORPORATION COMMISSION APR 03 2008

# Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776

Contractor License # 33072

620-839-5581/ Office; 620-432-6170/Jeff Kephart Cell; 620-839-5582/FAX

Rig #:	1	Lic: 33539	S12	T28S	R14E	
API #:	15-205-27445-0000		Location: C,SW,SW			
Operator:	Cherokee Wells, LLC		County: Wilson			
4916 Camp Bowie Suite 204						
Fort Worth, TX 76107			<b>Gas Tests</b>			
Well #:	A_1	Lease Name: Kurtz	Depth	Inches	Orifice	flow - MCF
Location:	660 FSL	Line				
	660 FWL	Line	See Page 3			
Spud Date:	3/26/2008					
Date Completed:	3/27/2008	TD: 1280'				
Driller:	Mike Reid					
<b>Casing Record</b>	Surface	Production				
Hole Size	12 1/4"	6 3/4"				
Casing Size	8 5/8"					
Weight	26#					
Setting Depth	41'					
Cement Type	Portland					
Sacks	10					
Feet of Casing						

HAVE RIG  
Rig #1  
WILL DIG!

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## Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	339	343	shale	621	624	shale
2	23	clay	343	345	lime	624	641	lime
23	60	shale	345	367	sand - wet	641	646	shale
60	75	lime	360		add water	646	648	Hushpuckney blk shale
75	80	shale	367	374	sandy shale	648	665	shale
80	116	lime	374	390	shale	665	671	sand
116	215	shale	390	393	lime	671	685	shale
215	238	lime	393	416	shale	685	686.5	Southmound blk shale
238	278	shale	416	422	lime	686.5	692	shale
278	325	lime - wet	422	426	shale	692	707	lime
325	326	shale	426	531	lime	707	719	shale
326	327	blk shale	531	536	shale	719	720	lime
327	332	shale	536	557	lime	720	725	shale
332	336	sand	557	565	shale	725	735	Altamont lime
336	338	shale	565	620	lime	735	742	shale
338	339	coal	620	621	coal	742	758	Weiser sand

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CONSERVATION DIVISION  
WICHITA, KS

Operator: Cherokee Wells LLC			Lease Name: Kurtz			Well # A-1		page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
758	775	shale	994	995	Ardmore lime	1280		Total Depth
775	795	sandy shale	995	996.5	Crowburg blk shale			
795	829	shale	996.5	1000	shale			
829	831	lime	1000	1015	Cattleman sand			
831	832	Mulberry coal	1015	1031	shale			
832	836	shale	1031	1032	Flemming coal			
836	856	Pink lime	1032	1041	shale			
856	857	shale	1041	1047	sand			
857	858.5	Lexington blk shale	1047	1049	shale			
858.5	868	shale	1049	1050	Mineral coal			
868	870	lime	1050	1060	shale			
870	873	shale	1060	1061	Scammon coal			
873	881	Peru sand	1061	1066	shale			
881	887	shale	1066	1076	sand - oil odor			
887	904	Oswego lime	1076	1082	shale			
904	906	shale	1082	1083	coal			
906	907.5	Summit blk shale	1083	1085	shale			
907.5	911	shale	1085	1100	sand			
911	917	lime	1100	1101	shale			
917	919	shale	1101	1102	coal			
919	921	Mulky blk shale	1102	1113	shale			
921	922	coal	1113	1114	coal			
922	929	shale	1114	1134	shale			
929	930	lime	1134	1142	Red Bed			
930	931	shale	1142	1145	shale			
931	932	lime	1145	1151	sand			
932	940	shale	1151	1182	shale			
940	948	Squirrel sand	1182	1183	coal			
		oil odor	1183	1196	shale			
948	952	sandy shale	1196	1200	sand			
952	968	shale	1200	1221	shale			
968	979	sand	1221	1222	Riverton coal			
979	980	shale	1222	1226	shale			
980	981	Bevier coal	1226	1238	Mississippi chat			
981	994	shale	1238	1280	Mississippi lime			

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Notes:

CW-157

08LC-032708-R1-011-Kurtz A-1-CWLLC-CW-157

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