

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

4/16/10

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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  SLOW  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. \_\_\_\_\_

4/7/08	4/9/08	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27446-0000  
County: Wilson  
C NW NW Sec. 16 Twp. 28 S. R. 14  East  West  
660 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: Ballard Well #: A-1  
Field Name: Cherokee Basin Coal Gas Area

Producing Formation: N/A  
Elevation: Ground: N/A Kelly Bushing: N/A  
Total Depth: 1405' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 41' 2" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from bottom casing  
feet depth to surface w/ 150 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AK II 119 630-09  
(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.: \_\_\_\_\_

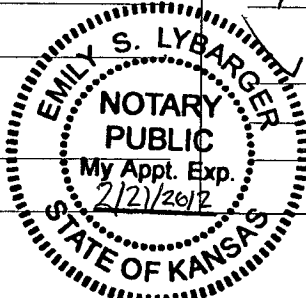
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: Shannon Shields  
Title: Administrative Assistant Date: 4/16/08

Subscribed and sworn to before me this 16 day of April  
20 08.

Notary Public: Emily S. Lybarger  
Date Commission Expires: 2/24/2012



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_ RECEIVED  
 Wireline Log Received KANSAS CORPORATION COMMISSION  
 Geologist Report Received  
 UIC Distribution  
**APR 21 2008**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Cherokee Wells LLC Lease Name: Ballard Well #: A-1  
 Sec. 18 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:  Dual Induction Log, High Resolution Compensated Density/Neutron Log	<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	12 1/4"	8 5/8"	26#	41' 2"	Portland	10	
Longstring	6 3/4"	4 1/2"	N/A	1395'	Thickset	150	

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth
N/A	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
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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)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval
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 WICHITA, KS



# 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	S16,	T28S	RI4E			
API #:	15-205-27446-0000		Location:	C,NW,NW				
Operator:	Cherokee Wells, LLC		County:	Wilson				
	4916 Camp Bowie Suite 204							
	Fort Worth, TX 76107							
Well #:	A-1	Lease Name:	Ballard A-1					
Location:	660	FNL	Line	Depth	Inches			
	660	FWL	Line	See Page 3	Orifice			
Spud Date:	4/7/2008				flow - MCF			
Date Completed:	4/9/2008	TD:	1405'					
Driller:	Joe Chaloupek							
<b>Casing Record</b>	<b>Surface</b>	<b>Production</b>						
Hole Size	12 1/4"	6 3/4"						
Casing Size	8 5/8"							
Weight	26#							
Setting Depth	41' 2"							
Cement Type	Portland							
Sacks	10							
Feet of Casing								
08LD-040908-R1-013-Ballard A-1-CWLLC-CW-162								
<b>Well Log</b>								
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	overburden	485	497	shale	720	727	shale
1	14	clay	497	498	coal	727	739	lime
14	17	lime	498	523	sand	733	736	odor
17	87	sand	508		add water	739	741	blk shale
87	229	shale	523	534	shale	741	793	lime
229	271	lime	534	538	lime	793	800	shale
271	279	shale	538	570	shale	800	803	blk shale
279	283	sand	570	671	lime	803	818	shale
283	386	shale	582	589	odor	818	820	lime
386	399	lime	671	672	shale	820	824	shale
399	422	shale	672	674	blk shale	824	831	lime
422	425	lime	674	681	lime	831	837	shale
425	433	shale	681	700	sand	837	839	blk shale
433	482	lime	700	703	shale	839	843	shale
482	483	shale	703	708	sand	843	857	lime
483	485	blk shale	708	720	lime	857	870	shale

HAVE RIG  
Rig # 1  
WILL DIG

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Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
870	884	Altamont lime	1075	1081	odor			
881	883	odor	1094	1097	sandy shale			
884	886	shale	1097	1121	shale			
886	888	lime	1121	1123	coal			
888	895	Weiser sand	1123	1135	shale			
895	897	sandy shale	1135	1137	lime			
897	907	sand	1137	1139	blk shale			
907	918	shale	1139	1140	coal			
918	920	sand	1140	1150	sand			
920	921	coal	1150	1174	shale			
921	925	sand	1174	1187	sand			
925	928	laminated sand	1187	1189	shale			
928	951	sand	1189	1190	coal			
951	956	sandy shale	1190	1198	sand			
956	968	shale	1198	1217	shale			
968	973	lime	1217	1220	lime			
973	975	Mulberry coal	1220	1232	sand			
975	1002	Pawnee lime	1232	1240	shale			
1002	1003	shale	1240	1252	sand			
1003	1005	blk shale	1252	1265	shale			
1005	1015	shale	1265	1267	lime			
1015	1016	coal	1267	1292	shale			
1016	1031	sand	1292	1294	lime			
1031	1033	shale	1294	1316	shale			
1033	1049	lime	1316	1317	Neutral coal			
1041	1043	odor	1317	1325	shale			
1049	1050	shale	1325	1333	sand			
1050	1053	blk shale	1333	1343	shale			
1053	1055	shale	1343	1345	Riverton coal			
1055	1061	lime	1345	1357	shale			
1061	1063	blk shale	1357	1405	Mississippi			
1063	1064	coal	1405		Total Depth			
1064	1066	shale						
1066	1071	lime						
1071	1094	sand						

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Notes:

CW-162

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