CONFIDENTIAL

## Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

Form ACO-1 October 2008

October 2008 Form Must Be Typed

RECEIVED

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #33539	API No. 15 - 205-27697-0000
Name: Cherokee Wells, LLC	Spot Description: S2-NW-NW
Address 1: P.O. Box 296	S2 NW_NW_Sec. 23 Twp. 27 S. R. 14 Fast West
Address 2:	655 Feet from North / South Line of Section
City: Fredonia State: KS Zip: 66736 +	
	Footages Calculated from Nearest Outside Section Corner:
Contact Person: Emily Lybarger	NE VINW SE SW
Phone: (020) 370-0000 CONFIDENTIAL	Wilson
Phone: ( 620 ) 378-3650  CONTRACTOR: License # 33072  Name: Well Refined Drilling DEC 1 8 2008	County: Well #: _A-17
Name: Well Relined Drilling	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A Record Riceling	Producing Formation: Unknown
Purchaser: Southeastern Kansas Pipeline	Elevation: Ground: 858' Kelly Bushing: N/A
Designate Type of Completion:	Total Depth: 1380' Plug Back Total Depth: N/A
New Well Re-Entry Workover	
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
Dry Other(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:surface
If Workover/Re-entry: Old Well Info as follows:	feet depth to: bottom casing w/ 145 sx cmt.
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	
Commingled, Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
11/13/08 11/17/08	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST prim with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowleage.	the oil and gas industry have been fully complied with and the statements herein
Signature: Tamman Tunklo	KCC Office Use ONLY
Title: Administrative Assistant Date: 12/18/08	S LYBA V.
19 0 31	Letter of Confidentiality Received
3 W:	NOTARY If Danied, Yes Date:
20 08 7	PUBLIC Wirefline Log Received
Notary Public: 5 Mily 10 cycle 1 Mily 10 cycle	Que Distribution KANSAS CORPORATION COMMISSION
Date Commission Expires 5/2/2012	OF KANGET JAN 2 3 2009
· · · · · · · · · · · · · · · · · · ·	Minimizer, 2003

Operator Name: Ch	Lease Name: K. Claiborne Well #: A-17				7			
Sec. 23 Twp. 2	27 S. R. 14	✓ East	County:	Wilso	n			
time tool open and cl recovery, and flow ra	losed, flowing and shu	d base of formations per t-in pressures, whether s st, along with final chart( eport.	shut-in pressi	ure read	thed static level,	, hydrostatic p	ressures, bottom l	hole temperature, fluid
Drill Stem Tests Take (Attach Additional		☐ Yes 📝 No		✓ Log Formation (Top), Depth and Datum			Sample	
Samples Sent to Geo		☐ Yes 🗸 No		Nam Driller	e · Log - Enclose	d	Тор	Datum
Cores Taken Yes No Electric Log Run (Submit Copy)					Ū			KCC:
List All E. Logs Run:								<b>KCC</b> C 1 8 2008
High Resolut Log, Dual Inc	•	ted Density/Neu	tron				COA	IFIDENTIAL
			RECORD	<b>√</b> Ne	<del></del>			
Purpose of String	Size Hole Drilled	Report all strings set- Size Casing Set (In O.D.)	weigh	nt	Setting Depth	Type of Cement		Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#		51'	Portland	N/A	
Longstring	6 3/4"	4 1/2"	10.5#		1370'	Thickset	145	
	İ	ADDITIONAL	L CEMENTING	G / SQL	JEEZE RECORD			
Purpose:  —— Perforate  —— Protect Casing —— Plug Back TD	Depth Top Bottom	Type of Cement #Sacks		Jsed	lsed Type and Percent Additives			5
Plug Off Zone								
Shots Per Foot	PERFORATION Specify	ON RECORD - Bridge Plug Footage of Each Interval Per	gs Set/Type forated				ment Squeeze Reco	rd Depth
N/A	N/A				N/A			N/A
TUBING RECORD:	Size:	Set At:	Packer At:		Liner Run:	Yes	] No	I
Date of First, Resume	d Production, SWD or En	nr. Producing Met		Flowing	g Pumpi	ng 🔲 G	as Lift Oth	ner (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	er B	Ibls.	Gas-Oil Ratio	Gravity
DISPOSIT	ION OF GAS:	ı	METHOD OF C	COMPLE	ETION:		PRODUCTI	ON INTERVAL:
Vented Sol		Open Hole	Perf.	Dually	Comp. Co	mmingled		CORPORATION COMMISSION
(If vented, Submit ACO-18.) Other (Specify)				KANSAS CORPORATION COMM				

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

JAN 2 3 2009

## 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 #:	2		Lic: 335	39	LVERA	S23	T27S	R14E	
	15-205-	27697-0000			Dig#2	Location:		S2,Nw,NW,NW	
	r: Cher	okee Wells, LLC			INIGHT 2	County:		Wilson	•
		Camp Bowie Su			Rig#2	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
		Worth, TX 76107			, , , , ,	Gas Te	sts		
Well #:		Lease Name:	K Clairbor	ne	Depth	Inches	Orfice	flow - MCF	
Location:		FNL	Line		380		No Flow		
		FWL	Line		880		No Flow		
Spud Date	e:	11/13/2008			905		No Flow		
Date Com		11/17/2008	TD:	1380			No Flow		
Driller:	Wade D	aniels and Shau			1055		No Flow		
Casing R		Surface	Product		1130		No Flow		ì
Hole Siz		12 1/4"		6 3/4"	1305		No Flow		İ
Casing	Size	8 5/8"	<u> </u>		1330		No Flow		
Weight		24#	ļ						
Setting		51'				ļ			
Cement		Portland	<u> </u>						
Sacks		Service Compan	y T			<u> </u>			
Sacks			L.,		<u> </u>	-			9 /+ 6 P A A
Note:	1	T					l		KCC
110.0.								hig	; 1 <sup>G</sup> 2008
								l '	1 .
								COR	IFIDENTIA
08LK-11	1708-R	0.404 Olainhanna							
		2-101-Clairborne	A-17-CV	VLLC-C	W-210				
l		2-101-Clairborne	A-17-CV	VLLC-C Well l					
Тор	Bottom		A-17-CV		_og	Тор	Bottom	Formation	
Тор 0				Well I Bottom	_og	742.5	752	shale	·
	1 22	Formation overburden clay	Тор	Well I Bottom 340 360	OG Formation shale lime	742.5 752	752 819	shale lime	
0 1 22	1 22 37	Formation overburden clay river gravel	Top 262 340 360	Well I Bottom 340 360 365	Formation shale lime shale	742.5 752 819	752 819 825	shale lime sandy shale	
0 1 22 37	1 22 37 40	Formation overburden clay river gravel clay	Top 262 340 360 365	Well I Bottom 340 360 365 371	Formation shale lime shale lime	742.5 752 819 825	752 819 825 853	shale lime sandy shale sandy shale	
0 1 22 37 40	1 22 37 40 49	Formation overburden clay river gravel clay shale	Top 262 340 360 365 371	Well I Bottom 340 360 365 371 373	Formation shale lime shale lime coal	742.5 752 819 825 853	752 819 825 853 870	shale lime sandy shale sandy shale shale	
0 1 22 37 40 49	1 22 37 40 49 57	Formation overburden clay river gravel clay shale lime	Top 262 340 360 365 371 373	Well I Bottom 340 360 365 371 373 464	Formation Shale Ilime Shale Ilime Coal	742.5 752 819 825 853 870	752 819 825 853 870 873	shale lime sandy shale sandy shale shale lime	
0 1 22 37 40 49 57	1 22 37 40 49 57	Formation overburden clay river gravel clay shale lime shale	Top 262 340 360 365 371 373 464	Well I Bottom 340 360 365 371 373 464 483	Formation Shale Ilime Shale Ilime Coal Shale	742.5 752 819 825 853 870 873	752 819 825 853 870 873 874	shale lime sandy shale sandy shale shale lime coal	
0 1 22 37 40 49 57 103	1 22 37 40 49 57 103	Formation overburden clay river gravel clay shale lime shale	Top 262 340 360 365 371 373 464 483	Well I Bottom 340 360 365 371 373 464 483 485	Formation Shale Ilime Shale Ilime Coal Shale Ilime Shale Ilime Shale Shale Ilime Shale Shale	742.5 752 819 825 853 870 873 874	752 819 825 853 870 873 874 878	shale lime sandy shale sandy shale shale lime coal shale	
0 1 22 37 40 49 57 103	1 22 37 40 49 57 103 106	Formation overburden clay river gravel clay shale lime shale lime shale	7op 262 340 360 365 371 373 464 483 485	Well I Bottom 340 360 365 371 373 464 483 485 570	Formation Shale Ilime Shale Ilime Scoal Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale	742.5 752 819 825 853 870 873 874 878	752 819 825 853 870 873 874 878 900	shale lime sandy shale sandy shale shale lime coal shale lime	
0 1 22 37 40 49 57 103 106 126	1 22 37 40 49 57 103 106 126	Formation overburden clay river gravel clay shale lime shale lime shale lime	Top 262 340 360 365 371 373 464 483 485 570	Well I Bottom 340 360 365 371 373 464 483 485 570 475	Formation Shale Ilime Shale Ilime Coal Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Shale Ilime Shale Shale	742.5 752 819 825 853 870 873 874 878 900	752 819 825 853 870 873 874 878 900	shale lime sandy shale sandy shale shale lime coal shale lime blk shale	
0 1 22 37 40 49 57 103 106 126	1 22 37 40 49 57 103 106 126 140	Formation overburden clay river gravel clay shale lime shale lime shale lime shale	Top 262 340 360 365 371 373 464 483 485 570 475	Well I Bottom 340 360 365 371 373 464 483 485 570 475 660	Formation    Shale	742.5 752 819 825 853 870 873 874 878 900 903	752 819 825 853 870 873 874 878 900 903	shale lime sandy shale sandy shale shale lime coal shale lime blk shale lime	
0 1 22 37 40 49 57 103 106 126 140	1 22 37 40 49 57 103 106 126 140 146	Formation overburden clay river gravel clay shale lime shale lime shale lime shale	Top 262 340 360 365 371 373 464 483 485 570 475 660	Well I Bottom 340 360 365 371 373 464 483 570 475 660 671	Formation Shale Itime Shale Itime Scoal Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale	742.5 752 819 825 853 870 873 874 878 900 903	752 819 825 853 870 873 874 878 900 903 906	shale lime sandy shale sandy shale shale lime coal shale lime blk shale lime shale	
0 1 22 37 40 49 57 103 106 126 140 140	1 22 37 40 49 57 103 106 126 140 140 170	Formation overburden clay river gravel clay shale lime shale lime shale lime shale lime shale lime shale	Top 262 340 360 365 371 373 464 483 485 570 475 660 671	Well I Bottom 340 360 365 371 373 464 483 485 570 475 660 671 673	Formation Shale Ilime Shale Ilime Coal Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime Shale Ilime	742.5 752 819 825 853 870 873 874 878 900 903 906 919	752 819 825 853 870 873 874 878 900 903 906 919	shale lime sandy shale sandy shale shale lime coal shale lime blk shale lime shale sandy shale	
0 1 22 37 40 49 57 103 106 126 140	1 22 37 40 49 57 103 106 126 140 170 178 179	Formation overburden clay river gravel clay shale lime shale lime shale lime shale	Top 262 340 360 365 371 373 464 483 485 570 475 660	Well I Bottom 340 360 365 371 373 464 483 485 570 475 660 671 673 735	Formation Shale Itime Shale Itime Scoal Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale Itime Shale	742.5 752 819 825 853 870 873 874 878 900 903	752 819 825 853 870 873 874 878 900 903 903 906 919 922	shale lime sandy shale sandy shale shale lime coal shale lime blk shale lime shale	

KANSAS CORPORATION COMMISSION

Operator:	Cherokee	ree Wells LLC Lease Name: K Clairborne		K Clairborne	Well#	A-17	page 2	
Тор	Bottom	Formation	Top	Bottom	Formation	Тор	Bottom	Formation
943	946	blk shale						
946	950	shale						
950	960							
960	977	shale						
977	1007							
1007	1019	sandy shale						
1010		more water						
1019	1035						<u> </u>	
1035	1036	coal				<u> </u>		
1036	1040					<u> </u>		
1040								
1048								
1050								
1115								
1116	1118	shale						
1118	1120	sand						
1120	1138	shale						
1138								
1148	1250	shale						
1250	1257	sandy shale						
1257	1301	shale						
1301	1302	coal					<u> </u>	
1302	1311	shale					<u>.</u>	
1311	1312	coal						
1312	1318	Mississippi chat						
1318	1380	Mississippi lime						
1380		Total Depth						

N	otes
IA	otes

08LK-111708-R2-101-Clairborne A-17-CWLLC-CW-210



KANSAS CORPORATION COMMISSION

#### CHEROKEE WELLS, LLC

December 18, 2008

Kansas Corporation Commission 130 South Market Street Room 2078 Wichita, KS 67202

RE:

K. CLAIBORNE #A-17

15-205-27697-0000

23-27s-14e

To Whom It May Concern:

This letter is being sent as a formal request by Cherokee Wells, LLC for the enclosed Well Completion Form and any other information gathered from this well to be held in confidence by the Kansas Corporation Commission (KCC) for the maximum allowable time period.

A similar letter is being sent to the Kansas Geological Survey requesting confidentiality for all samples and any other information required to be filed as well as wireline logs, driller's logs or any other information filed with the KCC.

Sincerely,

Administrative Assistan

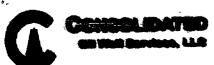
KANSAS CORPORATION COMMISSION

JAN 2 3 2009

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4916 Camp Bowie Blvd. Suite 200 Fort Worth, TX 76107

Phone: 817-626-9898 Fax: 817-624-1374





TICKET NUMBER	<b>2043</b> 0
LOCATION FUREKA	
FOREMAN LICK LOLL	

PO	Box	884,	Cha	nute,	K\$	68720
000	484	0045		onn.	467_	967R

### FIELD TICKET & TREATMENT REPORT

) Box <b>884</b> , Ch	ianute, KS 667 ir 800-467-867(	20		CEMEN	Ţ				
DATE T	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY	
	2002	K. Clayborn	412					Lulan	
-18-08	OLAU	In Clayboon	3 131					· · ·	
	SMESTIG E	nerou Open	1815		TRUCK#	DRIVER	TRUCK	DRIVER	
ILING ADDRE	SS	200		]	463	Shansan			
419	716 Can	Ague 5	.ue 200	1	5/5	Jarrid			
Y		STATE	ZIP CODE	1	437	Calia			
Foor	la bose	Tx	76107						
B TYPE Jone		HOLE SIZE	12/y"	HOLE DEPTI	/380	CASING SIZE & Y	EIGHT 18 A		
SING DEPTH		DRILL PIPE		TUBING			OTHER		
URRY WEIGH		SLURRY VOL	HY ANI	WATER gal/s	k R.O	CEMENT LEFT in	CASING 0		
		DISPLACEMENT	TORI VAA			RATE			
BPLACEMENT	21% 86!	DISPLACEMEN	POL ALAL		0	- 1 1	/ 2. A.		
MARKS: 5	akiy mai	ing- 1613	up to 4	s cano	_ Sank C	oculation of			
C	i	.a /. aus	astalish	26 B	11090 50			<u> </u>	
- A	1416 44	. Lhiovent	Cement	1. 1.5 KA	1-500 15M	2 /37 / 6	The second secon	<u></u>	
		A 4 CE	lase alu	. Disole	es 41.21.	W 55) 17665		<u> </u>	
- Clared	pesses 1	00 011.	Bung ali	a to /2	00 631.	LIGHT Z MINE		P	
	e fiest	here Com	Cenent	returns	to sustan	- 8 Abi sh	ecy to pit		
press.	A, TABLE			Roy day					
		3/83							
			The	v 500"					
								<u> </u>	
ACCOUNT CODE	QUANIT	Y or UNITS	D	ESCRIPTION O	1 SERVICES or F	RODUCT	UNIT PUICE	TOTAL	
EVAL	/		PUMP CHAR	PUMP CHARGE 935					

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PUICE	TOTAL
5401	1	PUMP CHARGE	925.00	765.00
5406	40	MILEAGE	3.65	146.00
	145 545	thread comment MCCC	17:00	245.00
1126A 111aA	2251	St 24-101 PM DEC 1 3 2000	.83	304.50
IIIBA	365 <sup>8</sup>	get-Pab CONFIDENTIAL	./2	51.00
5407	7.78	Con-milege but tru	m/h	315.m
5502C	3.5 hrs	20 SN W. 124	100.00	240.00
1/23	3000 gals	city water	14.00	42.00
4404		41%" by assa pla	45.44	es e
				446.00
		432	SALES TAX	14.50
win 3737		827519	TOTAL	4824.48

AUTHORIZTION colled by Tyle LABO

TITLE Co. Ga

KANSAS CORPODATION