## CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 October 2008 Form Must Be Typed

12/10/10

CONSERVATION DIVIBION WICHITA, KS

## **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License #33539	API No. 15 - 205-27678-0000
Name: Cherokee Wells, LLC	Spot Description: NE-NW
Address 1: P.O. Box 296	NE _NW Sec. 12 _ Twp. 29 _S. R. 13 _ V East _ West
Address 2: 1033 Fillmore	660 Feet from A North / South Line of Section
City: Fredonia State: KS Zip: 66736 +	1980 Feet from East / West Line of Section
Contact Person: Emily Lybarger	Footages Calculated from Nearest Outside Section Corner:
	<del>-</del>
CONTRACTOR: License #_33072	A County: Wilson
Phone: (620 ) 378-3650  CONTRACTOR: License # 33072  Name: Well Refined Drilling  Wellsite Geologist: 177A  CONFIDENT  Wellsite Geologist: 177A	Lease Name: M. Jantz Well #: A-10
Wellsite Geologist: 147A	Field Name: Cherokee Basin Coal Gas Area
Purchaser: Southeastern Kansas Pipeline	Producing Formation: Unknown
··	Elevation: Ground: 879' Kelly Bushing: N/A
Designate Type of Completion:  New Well Re-Entry Workover	Total Depth: _1380' Plug Back Total Depth: _N/A
•	Amount of Surface Pipe Set and Cemented at: 52' 9" Feet
Oil SWD SIOW SIGW SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set:Feet
Dry Other	If Alternate II completion, cement circulated from: bottom casing
(Core, WSW, Expl., Cathodic, etc.)	fort doubles, surface 150 gramt
If Workover/Re-entry: Old Well Info as follows:	ALTZ-DIQ-2 309
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	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	Operator Name:
Dual Completion Docket No.:	Lease Name: License No.:
Other (SWD or Enhr.?) Docket No.:	Quarter Sec TwpS. R East [] West
11/24/08	County: Docket No.:
Recompletion Date  Recompletion Date	Docket No.
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or copies of side two of this form will be held confidential for a period of 12 months if requirality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confiden-II report shall be attached with this form. ALL CEMENTING TICKETS MUST
	he oil and gas industry have been fully complied with and the statements herein
are complete and conject to the best of my knowledge.	
Signature: June June June June June June June June	KCC Office Use ONLY
Title: Administrative Assistant Date: 12/10/08	better of Confidentiality Received
Subscribed and sworn to before me this 10 day of December 1	If Denied, Yes Date:
NOT	ARY Wireline Log Received
20 08 English and PUB	RECEIVED  Geologist Report Received as CORPORATION CONTROL OF THE PARTY OF THE PART
Notary Public: My App	It. Exp. UIC Distribution
Date Commission Expires: 2/2/2012	DEC 1.2 2008
To the EOF	CONSERVATION DIVISION

Operator Name: Cherokee Wells, LLC				Name: M. Jantz		Well #: A-10		
Sec. <u>12</u> Twp. <u>29</u>				Wilson	***************************************			
NSTRUCTIONS: Show me tool open and closed ecovery, and flow rates i urveyed. Attach final ge	d, flowing and shu If gas to surface te	t-in pressures, wh st, along with final	ether shut-in press	sure reached static lev	el, hydrostatic press	sures, bottom h	ole temperature, fluid	
Orill Stem Tests Taken (Attach Additional She	ets)	☐ Yes 🔽	No	<b>√</b> Log Forma	ion (Top), Depth ar	nd Datum	Sample	
amples Sent to Geologi	ical Survey	☐ Yes 🗸	No	Name Drillers Log - Enclo	sed	Тор	Datum	
ores Taken lectric Log Run (Submit Copy)		<b>\</b>	No No	Ç			$\sim$	
st All E. Logs Run:						DEC 102	<b>&amp;</b>	
High Resolution	-	ited Density/	Neutron					
Log, Dual Induc	ction Log						NIAL	
			ASING RECORD  las set-conductor, su	New Used	iction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig	ght Setting	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12 1/4"	8 5/8"	20#	52' 9"	Portland	N/A		
Longstring	6 3/4"	4 1/2"	10.5#	1370'	Thickset	150		
	<u></u>							
	D			NG / SQUEEZE RECOR				
Purpose:  Perforate  Protect Casing	Depth Top Bottom	Type of Ceme	nt #Sacks	Used	Type and F	Percent Additives		
Plug Back TD Plug Off Zone								
Shots Per Foot		ON RECORD - Brid Footage of Each Inte			racture, Shot, Cemen (Amount and Kind of M		J Depth	
N/A N	I/A			N/A			N/A	
						<b>₩AN9</b>	RECEIVED SAS CORPORATION COMM	
TUBING RECORD:	Size:	Set At:	Packer A	t: Liner Run:			DEC 1 2 2008	
			, donor A	23.13.1	Yes No		CONSERVATION DIVISION WICHITA, KS	
Date of First, Resumed Pro	oduction, SWD or En	hr. Produc	ing Method:	Flowing Pum	ping 🔲 Gas Li	ft 🔲 Othe	r (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Ga	s Mcf	Water	Bbis.	Gas-Oil Ratio	Gravity	
DISPOSITION	OF GAS:		METHOD OF	COMPLETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold	Used on Lease	Open Hole	e Perf.	Dually Comp.	Commingled			

## Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776

Contractor License # 33072

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

	<u> </u>			1:- 4.00	£20	VER	S12	T29S	R13E		
County											
Ag16 Camp Bowle Blvd				Rig#3							
Fort Worth, TX 76107	Operato	,				The Div	County:		VVIISON	İ	
Well # A-10											
Location:   660   FNL											
1980   FWL   Line   605   2   1/2"   8.87	Well #:						Inches				
Sput Date:   11/24/2008	Location:					1.00	<b></b>				
Date Completed:   11/26/2008   TD:   1380'   930   3   1/2"   10.9				Line							
Description				I	40001						
Casing Record		pleted:		ID:	1380						
Hole Size											
Casing Size				Produc							
Setting Depth   52' 9"   1330   Gas Check Same   CCC					0 3/4						
Setting Depth   52' 9"   1330   Gas Check Same   Cement Type   Sacks   Service Company   Sacks   Service Company   Service Company   CON   DENTIAL								<u> </u>		200	
Comment Type   Sacks   Service Company   CON   Feet of Casing   Fee										K. C.	
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Top   Bottom   Formation   Top	Стурс	Service Company									
DBLK     Solution   Formation   Top   Bottom   Formation   Formation   Top   Bottom   Formation   Formation   Top   Bottom   Formation   Fo		Casing	Cervice Company		-				CONI	IDENTIAL	
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Top   Bottom   Formation   Top   Bottom   Formation   Top   Bottom   Formation											
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0         1         overburden         440         458         shale         812         815         shale           1         29         clay         458         460         lime         815         816         lime           29         38         river gravel         460         483         shale         816         828         sand           38         209         shale         483         592         lime         828         842         shale           209         215         lime         592         593         shale         842         846         sand           215         244         shale         593         595         blk shale         846         851         laminated sand           244         246         lime         595         599         lime         851         856         shale           244         246         lime         595         599         lime         856         859         sand           246         260         sandy shale         856         859         sand         sand           254         329         shale         607         615         sandy shale				September 19 Control of the Control	Well L	og					
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439 440 coal 799 812 lime 952 961 sand			<u> </u>								
100 012 mile 001 001 001 001 001 001 001 001 001 00									sand		

RECEIVED KANSAS CORPORATION COMMISSION

		Wells LLC	Lease Na		M Jantz	Well#	A-10	page 2
		Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
961	972	shale						
972								
981	985	odor						
989	990	shale						
990		blk shale						·
992		shale					<u> </u>	
996							ļ	
1002								
1004								
1010								
1021							ļ	
1023		sandy shale				<b></b>		
1034								
1059		blk shale						
1061	1063							
1063								
1075								
1077								
1078	1079	coal						
1079	1146	shale						
1146	1148	sandy shale	Ī			<u></u>		
1148		sandy shale					ļ	
1164	1166	sandy shale						
1166		sandy shale				<u> </u>		
1174		shale						
1220		shale						
1234		Red Bed						
1243		sandy shale						
1249								
1251		shale		<u> </u>				
1261		blk shale						
1263		shale						
1320		Mississippi chat		L				
1332		Mississippi lime		<u> </u>				
1380		Total Depth		<u> </u>				

Notes:

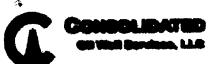
08LK-112608-R3-074-M Jantz A-10-CWLLC-CW-215

CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

DEC 1 2 2008

CONSERVATION DIVISION WICHITA, KS





TICKET NUA	ABER	20658	
LOCATION_	Eur	<b>*</b>	_
FOREMAN	7	The state of	

PO Box 884, Chanuta, KS 56720 620-431-9210 or 800-487-8676

FIELD TICKET & TREATMENT REPORT

	Jr 800-467-6676			CEMEN		TOWNSHIP	RANGE	COUNTY
DATE	CUSTOMER#		NAME & NUMBI	ER	SECTION	TOWNSHIP	POWE	
//- 28-08 CUSTOMER	2890	M. Jan	17 A-10					4 de
CUSTOMER	France As	charc		1	TRUCK#	DRIVER	TRUCK	ORIVER
MAILING ADDRE	Energy And				520	Cl:H		
491L C	as bruie	Swite 200	, j		439	Colin		
CITY	up bouse	STATE	ZIP CODE					
A worl	<b>L</b>	TX_	76107					
JOB TYPE L		HOLE SIZE	64.	HOLE DEPTH	/380	CASING SIZE &	NEIGHT <u>V#</u>	POST
CASING DEPTH	1370'	DRILL PIPE		TUBING		· · · · · · · · · · · · · · · · · · ·	OTHER	
BLURRY WEIGH		SLURRY VOL_	·	WATER gal/s	k_ <b>5</b> *	CEMENT LEFT In	CASING_@	
DISPLACEMENT	21.964	DISPLACEMEN	T P81_709	MIX P81	as supple	RATE		
REMARKS: 5	afel more	tis! Ros	up to 4	15° CACIY	. Beach C	tranklin o	1 2001	<u> </u>
Rung 651	k God - Flag	L 218 1	U Over not	4. P	7:21 d 150	sts Com	at be	50/14/500
@ 13.4	fal. was	L out	Prop +1	wy. R.	eleast P	y . Out	re rel	<b>A</b> (
vete	@ Fml					Phy to	1200	427
2000	Relax	Arsem	e. Floor	1 4-1	of Good	Comment	to surly	oc = 6 41
Slung to	P.F.					9.2	~~	
		Job Con	alote			10		**************************************
		/				DEC 1	<u> </u>	
							DENTIAL	
	T		· · · · · · · · · · · · · · · · · · ·			CONFI	DEMINIO	F
CODE	QUANITY	or UNITS	DES	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401	,		PUMP CHARGE	=			92500	1100
5406	40		MILEAGE		,		3.00	146.00
				·				
11264	150	der	Thick 1	of lea	nes	-	17.40	2500.00
1110A	750			54/54			.42	81500
1118A	100	•	Gel- F1	41			1/7	57.00
54070			Ton M	sika-			ME	215.00
3 (7/2			1	110/1			1	
NYPY			akt Te	follo	Ma		450	9500
7797			100	FYIN	<del></del>			
			<del></del>			CEIVED	<u> </u>	
				IdN				
						PORATION COMMISS		
					DE	2 1 2 2008		
				That ?-	CONST	-IAVATS IF	and Party	4.47.00
,							SALES TAX	18455
tavin 3737				9917	44		TOTAL	4533.55
	4 11 1	1. Tile	1111	TTLE /			DATE	7303.35