

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
October 2008
Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #33539	API No. 15 - 205-27725-0000
Name: Cherokee Wells, LLC	Spot Description:
Address 1: P.O. Box 296	NW _NW Sec. 8 Twp. 28 S. R. 15
Address 2:	660 Feet from A North / South Line of Section
City: Fredonia State: KS Zip: 66736 +	
Contact Person: Emily Lybarger	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 378-3650	□NE ☑NW □SE □SW
CONTRACTOR: License #_33072	County: Wilson
Name: Well Refined Drilling	Lease Name: Fedell Well #: A-3
Wellsite Geologist: N/A	Field Name: Cherokee Basin Coal Gas Area
Purchaser: Southeastern Kansas Pipeline JAMA 2019	Producing Formation: Unknown
Designate Type of Completion:	Elevation: Ground: 859' Kelly Bushing: N/A
New Well Re-EntryWorkover	Total Depth: 1280' Plug Back Total Depth: N/A
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 64' Feet
OII 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 (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:surface
	feet depth to: bottom casing w/ 140 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan AHIIWI8-13-09 (Data must be collected from the Reserve Pit)
Well Name:	
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	Lease Name: License No.:
12/24/08 12/30/08	Quarter Sec TwpS. R East West
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
<u> </u>	:: : :
Kansas 67202, within 120 days of the spud date, recompletion, workover or c of side two of this form will be held confidential for a period of 12 months if rec	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 confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST arm with all temporarily abandoned wells.
are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements herein
Signature: Staw Car State	KCC Office Use ONLY
Title: Administrative Assistant Date: 1/21/09	Received Letter of Confidentiality Received
Subscribed and sworn to before me this 2 day of	If Denied, Yes Date:
20 OCI PUBLICATION NOTAR	- · · · · · · · · · · · · · · · · · · ·
Notary Public: My Appt. 120 1/20	Geologist Report Received KANSAS CORPORATION COMMISSION UIC Distribution
Date Commission Expires: 2/21/2012	1AN 2 3 2009

_		
S	ahi	Two

Operator Name: Cherokee Wells, LLC		_ Lease N	Name: Fe	edell		Well #: _A-3	
ec. 8 Twp. 28 S. R. 15			Wilsor				
wSTRUCTIONS: Show important tops an me tool open and closed, flowing and shu ecovery, and flow rates if gas to surface te urveyed. Attach final geological well site r	t-in pressures, whether sh st, along with final chart(s	nut-in press	sure reach	ned static level,	hydrostatic p	ressures, bottom h	ole temperature, fluid
Orill Stem Tests Taken (Attach Additional Sheets)	Yes 📝 No		√ Log	g Formation	n (Top), Dept	h and Datum	Sample
Samples Sent to Geological Survey	☐ Yes 🗹 No		Name Drillers	Log - Enclose	ed	Тор	Datum
Cores Taken Clectric Log Run (Submit Copy)	Yes No					KCC 12:2013 SFIDENTIA	
ist All E. Logs Run:						1 3 : Coss (52) (V	1
High Resolution Compensa Log, Dual Induction Log	ted Density/Neut	ron			CO		حا
		RECORD	✓ New				
Purpose of String Size Hole	Report all strings set-c Size Casing	Weig	ght	Setting	Type of		Type and Percent
Surface 12 1/4"	Set (In O.D.) 8 5/8"	Lbs. /	Ft.	Depth 64'	Portland	N/A	Additives
Longstring 6 3/4"	4 1/2"	10.5#		1270'	Thickset	140	
	ADDITIONAL	CEMENTIN	NG / SQUE	EEZE RECORD	<u> </u>		<u> </u>
Purpose: Depth Top Bottom Perforate Protect Casing	Type of Cement	#Sacks	Used		Туре	and Percent Additives	
Plug Back TD Plug Off Zone							
Shots Per Foot PERFORATION Specify I	ON RECORD - Bridge Plug Footage of Each Interval Perf	s Set/Type orated				ement Squeeze Recor of Material Used)	d Depth
N/A N/A				N/A			N/A
TUBING RECORD: Size:	Set At:	Packer At	t:	Liner Run:	Yes [
Date of First, Resumed Production, SWD or Enl	hr. Producing Meth	_	Flowing	Pumpir	ng 🔲 G	as Lift Othe	er (Explain)
Estimated Production Oil Per 24 Hours	Bbls. Gas	Mcf	Water	BI	bls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:	M	METHOD OF	COMPLET	ΓΙΟΝ:		PRODUCTIO	ON INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	Open Hole Other (Specify)	Perf.	Dually (Comp. Con	nmingled		ISAS CORPORATION COM

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 #:	3		Lic # 33	539	NERA	S8	T28S	R15E	
API#:	15-205-	27725-0000			Rig#3	Location:		NW,NW	
Operato	or: Chero	kee Wells, LLC			A Mg#3 A	County:		Wilson	•
	T	Camp Bowie Blvd			TIDE				
		Vorth, TX 76107				Gas Tes	sts	· · · · · · · · · · · · · · · · · · ·	
Well #:		Lease Name:	Fedell		Depth	Inches	Orfice	flow - MCF	
Location:	660	FNL	Line		605	6	1/2"	15.4	
			Line		805	11	1/2'	20.9	
Spud Dat	e:	12/24/2008			905	3	1"	44.7	
Date Con	npleted:	12/30/2008	TD:	1280		1	1"	25.8	
Driller:		Joe Chaloupek			980		Check S		
Casing F		Surface	Product		1018	+	Check S		
Hole Si		12 1/4"		6 3/4"	1040	-{	Check S	 	
Casing		8 5/8"			1055		Check S		
Weight Setting		20# 64'	<u> </u>		1080 1105		Check S Check S		
Cemen		Service Company			1130		Check S		
Sacks	t Type	Service Company	 		1186		Check S		
	Casing				1230	2	1"	36.5	
Feet of		l	<u> </u>			+			C 20
Feet of	Casing								6 (C 3) 11 V
Feet of	Casing								
Feet of	Odding								
Feet of	Oasing							JARL :	(GC)
Feet of	Casing							JAN "	CC 2003 DENTAL
		3-078-Fedell A-3-C	WLLC-C	:W-224				JAN CON	GC 2009 WENTIAL
		3-078-Fedell A-3-C	WLLC-C	W-224 Well L	og			SOFFE JAN 1	CO NEWTIAL
		3-078-Fedell A-3-C Formation	WLLC-C			Тор	Bottom	Formation	CO DENTIAL
08LL-12	23008-R3	Formation overburden		Well L Bottom		Top 835	836	Formation lime	COCONTRAL
08LL-12 Top 0	23008-R3	Formation overburden clay	Top 475 484	Well L Bottom 501	Formation shale add water	835 836	836 845	Formation lime shale	CC 2203 WENTHAL
08LL-12 Top 0 1	23008-R3 Bottom 1 20 29	Formation overburden clay river gravel	Top 475 484 501	Well L Bottom 501 510	Formation shale add water lime	835 836 845	836 845 853	Formation lime shale sandy shale	CO NOTAL
08LL-12 Top 0 1 20 29	23008-R3 Bottom 1 20 29 43	Formation overburden clay river gravel shale	Top 475 484 501 510	Well L Bottom 501 510 515	Formation shale add water lime shale	835 836 845 853	836 845 853 857	Formation lime shale sandy shale shale	SONTIAL
08LL-12 Top 0 1 20 29	23008-R3 Bottom 1 20 29 43	Formation overburden clay river gravel shale lime	Top 475 484 501 510 515	Well L Bottom 501 510 515 595	Formation shale add water lime shale lime	835 836 845 853 857	836 845 853 857 873	Formation lime shale sandy shale shale lime	COCO DENTIAL
08LL-12 Top 0 1 20 29 43	23008-R3 Bottom 1 20 29 43 46 53	Formation overburden clay river gravel shale lime sand	Top 475 484 501 510 515 593	Well L Bottom 501 510 515 595 595	Formation shale add water lime shale lime odor	835 836 845 853 857 873	836 845 853 857 873 875	Formation lime shale sandy shale shale lime blk shale	COCOTIAL
08LL-12 Top 0 1 20 29 43 46 53	23008-R3 Bottom 1 20 29 43 46 53	Formation overburden clay river gravel shale lime sand	Top 475 484 501 510 515 593 595	Well L Bottom 501 510 515 595 595 596	Formation shale add water lime shale lime odor shale	835 836 845 853 857 873	836 845 853 857 873 875 876	Formation lime shale sandy shale shale lime blk shale coal	COCO ODENTIAL
08LL-12 Top 0 1 20 29 43 46 53 67	23008-R3 Bottom 1 20 29 43 46 53 67	Formation overburden clay river gravel shale lime sand lime shale	Top 475 484 501 510 515 593 595 596	Well L Bottom 501 510 515 595 595 596 598	Formation shale add water lime shale lime odor shale blk shale	835 836 845 853 857 873 875 876	836 845 853 857 873 875 876 928	Formation lime shale sandy shale shale lime blk shale coal shale	COCO 2013 POENTIAL
08LL-12 Top 0 1 20 29 43 46 53 67 164	23008-R3 Bottom 1 20 29 43 46 53 67 164 187	Formation overburden clay river gravel shale time sand lime shale	Top 475 484 501 510 515 593 595 596 598	Well L Bottom 501 510 515 595 595 596 598 610	Formation shale add water lime shale lime odor shale blk shale lime	835 836 845 853 857 873 875 876	836 845 853 857 873 875 876 928	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale	CONTINUES OF THE STATE OF THE S
Top 0 1 20 29 43 46 53 67 164	23008-R3 Bottom 1 20 29 43 46 53 67 164 187	Formation overburden clay river gravel shale time sand time shale lime shale	Top 475 484 501 510 515 593 595 596 598 610	Well L Bottom 501 510 515 595 596 598 610 680	Formation shale add water lime shale lime odor shale blk shale lime shale	835 836 845 853 857 873 875 876 928	836 845 853 857 873 875 876 928 942	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale	COCO SIDENTIAL
Top 0 1 20 29 43 46 53 67 164 187 229	23008-R3 Bottom 1 20 29 43 46 53 67 164 187 229 238	Formation overburden clay river gravel shale time sand time shale lime shale lime shale	Top 475 484 501 510 515 593 595 596 598 610 680	Well L Bottom 501 510 515 595 596 598 610 680 696	Formation shale add water lime shale lime odor shale blk shale lime shale	835 836 845 853 857 873 875 876 928 942	836 845 853 857 873 875 876 928 942 957	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale sandy coal	COCO SIDENTIAL
Top 0 1 20 29 43 46 53 67 164 187 229 238	23008-R3 Bottom 1 20 29 43 46 53 67 164 187 229 238	Formation overburden clay river gravel shale lime sand lime shale lime shale lime shale lime shale	Top 475 484 501 510 515 593 595 596 598 610 680 696	Well L Bottom 501 510 515 595 596 598 610 680 696	Formation shale add water lime shale lime odor shale blk shale lime shale lime shale	835 836 845 853 857 873 875 876 928 942 957	836 845 853 857 873 875 876 928 942 957 958	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale shale coal shale	COCONTRAL
Top 0 1 20 29 43 46 53 67 164 187 229 238 270	23008-R3 Bottom 1 20 29 43 46 53 67 164 187 229 238 270 282	Formation overburden clay river gravel shale time sand lime shale lime shale lime shale lime shale lime shale lime	Top 475 484 501 510 515 593 595 596 598 610 680 696 707	Well L Bottom 501 510 515 595 596 598 610 680 696 707	Formation shale add water lime shale lime odor shale blik shale lime shale lime shale	835 836 845 853 857 873 875 876 928 942 957 958	836 845 853 857 873 875 876 928 942 957 958 967	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale shale coal shale blk shale blk shale blk shale	COCONTRAL
08LL-12 Top 0 1 20 29 43 46 53 67 164 187 229 238 270 282	23008-R3 Bottom 1 20 29 43 46 53 67 164 187 229 238 270 282 333	Formation overburden clay river gravel shale lime sand lime shale lime shale lime shale lime shale lime shale	Top 475 484 501 510 515 593 595 596 598 610 680 696	Well L Bottom 501 510 515 595 596 598 610 680 696 707 738 742	Formation shale add water lime shale lime odor shale blk shale lime shale lime shale shale lime sand	835 836 845 853 857 873 875 876 928 942 957 958 967	836 845 853 857 873 875 876 928 942 957 958 967 969	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale shale blk shale coal shale shale coal shale shale blk shale shale shale	COCO NOTE OF THE PARTY AND ADDRESS OF THE PART
Top 0 1 20 29 43 46 53 67 164 187 229 238 270	23008-R3 Bottom 1 20 29 43 46 53 67 164 187 229 238 270 282 333 350	Formation overburden clay river gravel shale time sand lime shale lime shale lime shale lime shale lime shale lime	Top 475 484 501 510 515 593 595 596 598 610 680 696 707	Well L Bottom 501 510 515 595 596 598 610 680 696 707 738 742	Formation shale add water lime shale lime odor shale blik shale lime shale lime shale	835 836 845 853 857 873 875 876 928 942 957 958	836 845 853 857 873 875 876 928 942 957 958 967 969	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale shale coal shale blk shale blk shale blk shale	COCO SINGLES S
08LL-12 Top 0 1 20 29 43 46 53 67 164 187 229 238 270 282 333	23008-R: Bottom 1 20 29 43 46 53 67 164 187 229 238 270 282 333 350 373	Formation overburden clay river gravel shale lime sand lime shale lime shale lime shale lime shale lime shale	Top 475 484 501 510 515 593 595 596 680 680 696 707 738 742	Well L Bottom 501 510 515 595 595 596 610 680 696 707 738 742 797	Formation shale add water lime shale lime odor shale blk shale lime shale lime shale sand shale sand shale	835 836 845 853 857 873 875 876 928 942 957 958 967 969	836 845 853 857 873 875 876 928 942 957 958 967 969 973	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale shale toal shale shale toal shale shale toal shale blk shale lime	CO STOR
08LL-12 Top 0 1 20 29 43 46 53 67 164 187 229 238 270 282 333 350	23008-R: Bottom 1 20 29 43 46 53 67 164 187 229 238 270 282 333 350 373 466 468	Formation overburden clay river gravel shale time sand time shale time	Top 475 484 501 510 515 593 595 596 696 707 738 742 797	Well L Bottom 501 510 515 595 596 598 610 680 696 707 738 742 797 798 800 828	Formation shale add water lime shale lime odor shale blk shale lime shale lime shale sand shale sand shale sand coal	835 836 845 853 857 873 875 876 928 942 957 958 967 969 973	836 845 853 857 873 875 876 928 942 957 958 967 969 973 974 976	Formation lime shale sandy shale shale lime blk shale coal shale sandy shale sandy shale shale shale toal shale blk shale blk shale blk shale shale blk shale	

KANSAS CORPORATION COMMISSION

Operator:	Cherokee		Lease Na		Fedell	Well#	A-3	page 2
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
1009	1014							
1014	1016	coal						
1016						<u></u>		
1027	1029							
1029						<u> </u>		
1034	1041							
1041	1043	coal						
1043								
1059		blk shale						
1061	1064	shale						
1064	1084	sandy shale						
1084							ļ	
1089								
1091	1114							
1114		blk shale						
1116]			ļ		
1125		sandy shale						
1182	1183	coal				<u> </u>		
1183							ļ	
1185						1	ļ	
1192				<u> </u>				
1210				<u> </u>			<u> </u>	
1211		shale		<u> </u>		<u> </u>		
1216		Mississippi chat						
1226		Mississippi lime	<u> </u>				<u> </u>	
1280		Total Depth					<u> </u>	
							<u> </u>	
							<u> </u>	
							ļ	
							<u> </u>	
						<u> </u>		
							<u> </u>	l

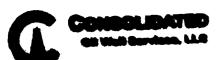
08LL-123008-R3-	



KANSAS CORPORATION COMMISSION

JAN 2 3 2009

RECHARACIA





TICKET NUMBER 20739
LOCATION EURCH
FOREMAN DICK Lodford

PO Box 884, Chenute, KS 68720

FIELD TICKET & TREATMENT REPORT

DATE	W 800-467-8676	<u> </u>	CEMEN	SECTION	TOWNSHIP	RANGE	COUNTY
UATE	CUSTOMER#		NAME & NUMBER	02011011			معطنك
24-08	2990	fedell A-	3				DRIVER
TOMER	OMESTIC EL	nero Daszo	685	TRUCK#	DRIVER	TRUCK#	DRIVER
ING ADDRI	SS	2-8y		520	Clife		
	16 Camp	Bause suit	K. 490	543	Oneid		
,	70 337	STATE	ZIP CODE				
FORT	Worth		76107	101	CASING SIZE & WI	EIGHT 74	
TYPE 4	il fee	HOLE SIZE		1_63		OTHER	
ING DEPTI	64,	DRILL PIPE		ik_/_5			
IRRY WEIG	HT	SLURRY VOL_	serve men		RATE		
PLACEMEN	T 3% Bb/	DISPLACEMEN		_	e weekteen and	10 By f	طعه
MARKS:	after me	rainge Wy	INT COURT	202 0000	+230016	150 1	and the second
Later.		90 343 C	los "A" cement up	(0 4/30	of comet set	ems de sec	Eese
طرمه با	c 4 312	Bbl treab	LIERC. SAVI CHARLE				
_ <u></u>	caretet Re	_dao			OMEIDENT	1.1.1	
						<u> </u>	
						<u> </u>	
			Thank You"				A STATE OF THE PARTY OF THE PAR
						UNIT PRICE	TOTAL
ACCOUNT	QUANT	TY or UNITS	DESCRIPTION	of SERVICES or	PRODUCT	Uppl France	
CODE		/	PUMP CHARGE			72500	26.00
54015		/	PUMP CHARGE MILEAGE			28.5 m	Minion
	, u	/				3.65	Maice
54013 5406		,		1		3.65	1815.00
54015 54015 1109 5	90	sus	MILEAGE	1		3.45 /3.50 .25	1815.00 187.50
54015 5404 1104 5	90	sus	MILEAGE Class "A" Comm	1		3.65	1815.00
54015 5406 1109\$	90	sus	MILEAGE Class "A" Comm 2% caus	1		3.55 /3.50 .25 ./7	1845.00 1815.00 187.50 28.90
54013 5VEL 1109 5 1169 1118A	90	sus	MILEAGE Class "A" Comm 2% caus			3.45 /3.50 .25	1815.00 127.50
54015 54015 54015 11045	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)			3.55 /3.50 .25 ./7	1845.00 1815.00 187.50 28.90
54013 5VEL 1109 5 1169 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)			3.55 /3.50 .25 ./7	1845.00 1815.00 187.50 28.90
54013 5404 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)		RECEIVED	3.55 /3.50 .25 ./7	1845.00 1815.00 187.50 28.90
54013 5406 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)			3.45 /3.50 .25 .17	1845.00 1815.00 187.50 28.90
54013 5404 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)		RECEIVED APR 2.7. 2000	3.45 /3.50 .25 .17	1845.00 1815.00 187.50 28.90
54013 5406 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)	c #11k	APR 2 7 2000	3.45 /3.50 .25 .17	1845.00 127.50 28.90
54013 5406 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)	c #11k		3.45 /3.50 .25 .17	1845.00 1815.00 187.50 28.90
54013 5406 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)	c #11k	APR 2 7 2000	3.45 /3.50 .25 .17	1845.00 1815.00 187.50 28.90
54013 5406 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)	c #11k	APR 2 7 2000	3.45 /3.50 .25 .17	1815.00 187.50 28.80 3.55.00
54013 5406 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)	c #11k	APR 2 7 2000	3.55 .25 .17 	1815.00 127.50 28.90 345.00 2557.4
54013 5406 1109 5 1160 1118A	90	sus	MILEAGE Class "A" (Comm. 2% caus 2% ga)	· +111	APR 2.7. 2000 KCC WICHIT	3.45 /3.50 .25 .17	1815.00 127.50 28.91 345.00 25.57.4 86.40