

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL 5/28/10 For

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33539	API No. 15 - 205-27523-0000
Name: Cherokee Well, LLC	County: Wilson
Address: P.O. Box 296	C _NW _SE Sec19 Twp27 S. R14
City/State/Zip: Fredonia, KS 66736	1980 feet from S N (circle one) Line of Section
Purchaser: Southeastem Kansas Pipeline	1980 feet from E W (circle one) Line of Section
Operator Contact Person: Emily Lyberger	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 378-3650	(circle one) NE SE NW SW
Contractor: Name: Well Refined Drilling	Lease Name: Neuenschwander Well #: A-3
License: 33072	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A	Producing Formation: Unknown
Designate Type of Completion:	Elevation: Ground: N/A Kelly Bushing: N/A
✓ New Well —— Re-Entry —— Workover	Total Depth: 1405' Plug Back Total Depth: N/A
	Amount of Surface Pipe Set and Cemented at 40' Feet
OilSWDTemp. Abd.	Multiple Stage Cementing Collar Used?
✓ Gas ENHR SIGW	If yes, show depth setFeet
Dry Other (Core, WSW, Expl., Cathodic, etc)	If Alternate II completion, cement circulated from bottom casing
If Workover/Re-entry: Old Well Info as follows:	feet depth to_surface w/_ 150 sx cmt.
Operator:	teet depth toSX cm.
Well Name:	Drilling Fluid Management Plan DIF TUIS 10 24-0
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Att It Is 600 OF C
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	On any tax Norman
Other (SWD or Enhr.?) Docket No.	Operator Name:
5/12/08 5/14/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East Wes
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workown Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge. Signature: Administrative Assistant	KCC Office Use ONLY
Subscribed and sworn to before me this 28 day of MCU	NOTARY If Denied, Yes Date:
	PUBLIC Witellife Log Received RECEIVED
Emile of hear	Ay Appt. Exp. Geologist Rekansas GORPORATION COMMISSION
Notary Public:	UIC Distribution MAY 2 9 2008
Date Commission Expires: APA 18012	EOFKAN III
	CONSERVATION DIVISION WICHITA, KS

Operator Name: Che	rokee Well, LLC		Lease N	ame: Neu	enschwande	er	Well #: A-3	
Sec. 19 Twp. 2	7 S. R. 14	✓ East	County:	Wilson				
ested, time tool oper emperature, fluid rec	n and closed, flowing covery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, a inal geological well site	whether shut along with fina	i-in pressu	re reached s	tatic level, hydr	ostatic pressure	es, bottom hole
Drill Stem Tests Take		☐ Yes 📝 No		√ Log	Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to Geo	·	☐ Yes ✓ No		Name			Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☑ Yes ☐ No		Drillers L	og Enclosed) ,		
List All E. Logs Run:								
High Resolution Log, Dual Indicates		ted Density/Neut	tron					
		CASING Report all strings set-	RECORD	_	Used	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / F	t	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	26#	40	,	Portland	N/A	
Longstring	6 3/4"	4 1/2"	N/A	13	95'	Thickset	150	
Purpose:	Depth	T	L CEMENTING		ZE RECORD		Dave and Addising	
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	#Sacks U	sea		туре апо	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Plu Footage of Each Interval Pe				ture, Shot, Cemer		d Depth
N/A	N/A			N	/A			N/A
							KANSAS	RECEIVED CORPORATION COMMISS
								MAY 2 9 2008 ONSERVATION DIVISION
TUBING RECORD	Size	Set At	Packer At	L	iner Run	Yes N	0	WICHITA, KS
Date of First, Resumer	d Production, SWD or E	nhr. Producing Me		Flowing	Pumpir	ng 🔲 Gas L	ift Othe	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bl	ols.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF (COMPLETION		P	roduction Inter	val		
Vented Sold	Used on Lease	Open Hole		Dual	ly Comp.	Commingled .		

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	NERO.	S19	T27S	R14E		
	15-205-	27523-0000			Dia HA	Location:		C,NW	/,SE	
		kee Wells, LLC			A METHOD CO	County:		Wilson	n	
оролин	,	Camp Bowie Blvd			TI DI	· · · · · · · · · · · · · · · · · · ·				
		Vorth, TX 76107				Gas Tes	ts]
Well #:		Lease Name:	Neuenschw	ander	Depth	Inches	Orfice	fl	ow - MCF	1
Location:	1980		Line		330		No Flow			1
	1980		Line		530		No Flow]
Spud Date		5/12/2008	}		680		No Flow			
Date Com		5/14/2008	TD:	1405'	730	3	1"		44.7	
Driller:	·	Cody Shamblin			780	5	1"		57.7	<u> </u>
Casing F	Record	Surface	Product	tion	980		Check S	ame]
Hole Siz		12 1/4"	1	6 3/4"	1005	2	1"		36.5]
Casing		8 5/8"	1		1039		Check S	ame		
Weight		26#			1055	3	1"		44.7]
Setting		40'	1		1130	Gas	Check S	ame		
Cement		Portland			1230	1	1"		25.8	
Sacks		Consolidated			1355	5	1"		57.7	
	Casing									
									· · · · · · · · · · · · · · · · · · ·	1
						j		ı		
										
08LE-0	51408-R	3-027-Neuenschw	ander A-	3-CWLL	C-CW-176					
08LE-0	51408-R	3-027-Neuenschw	ander A-	3-CWLL Well L						
08LE-0	51408-R		ander A-:		.og	Тор	Bottom		Formation	
Тор	Bottom	Formation		Well L Bottom	.og	Top 674	Bottom 676	lime	Formation	
Тор 0	Bottom 2	Formation overburden	Тор	Well L Bottom 322	Og Formation		676	lime sand	Formation	
Тор	Bottom 2	Formation overburden clay	Top 321	Well L Bottom 322 333	OG Formation blk shale	674	676 694		Formation	
Top 0 2	Bottom 2 4 6	Formation overburden	Top 321 322	Well L Bottom 322 333 340	Formation blk shale shale	674 676	676 694 700	sand	Formation	
Top 0 2	Bottom 2 4 6 6 12	Formation overburden clay lime	Top 321 322 333	Well L Bottom 322 333 340 368	Formation blk shale shale lime	674 676 694	676 694 700	sand lime shale	Formation	
Top 0 2 4 6	Bottom 2 4 6 6 12	Formation overburden clay lime shale	Top 321 322 333 340	Well L Bottom 322 333 340 368 373	Formation blk shale shale lime shale	674 676 694 700	676 694 700 708 725	sand lime shale lime		
Top 0 2 4 6	Bottom 2 4 6 6 12 18	Formation overburden clay lime shale lime	321 322 333 340 368	Well L Bottom 322 333 340 368 373 448	Formation blk shale shale lime shale lime	674 676 694 700 708	676 694 700 708 725 727	sand lime shale lime	Formation	
Top 0 2 4 6 12	Bottom 2 4 6 6 12 18 18	Formation overburden clay lime shale lime wet sand	Top 321 322 333 340 368 373	Well L Bottom 322 333 340 368 373 448	Formation blk shale shale lime shale lime shale	674 676 694 700 708 725	676 694 700 708 725 727 766	sand lime shale lime Hushpu		
Top 0 2 4 6	Bottom 2 4 6 12 18 49 52	Formation overburden clay lime shale lime wet	Top 321 322 333 340 368 373	Well L Bottom 322 333 340 368 373 448 495	Formation blk shale shale lime shale lime shale lime shale	674 676 694 700 708 725 727 766	676 694 700 708 725 727 766 771	sand lime shale lime Hushpu lime shale lime	uckney blk shale	
Top 0 2 4 6 12 18 49	Bottom 2 4 6 12 18 49 52 97	Formation overburden clay lime shale lime wet sand sandy shale	Top 321 322 333 340 368 373 448	Well L Bottom 322 333 340 368 373 448 495	Formation blk shale shale lime shale lime shale lime shale lime wet	674 676 694 700 708 725 727 766	676 694 700 708 725 727 766 771	sand lime shale lime Hushpu lime shale lime	uckney blk shale	
Top 0 2 4 6 12	Bottom 2 4 6 12 18 49 52 97	Formation overburden clay lime shale lime wet sand sandy shale shale	Top 321 322 333 340 368 373 448	Well L Bottom 322 333 340 368 373 448 495 526 527	Formation blk shale shale lime shale lime shale lime shale lime shale lime wet	674 676 694 700 708 725 727 766	676 694 700 708 725 727 766 771 772	sand lime shale lime Hushpu lime shale lime		
Top 0 2 4 6 12 18 49 52 97	Bottom 2 4 6 12 18 49 52 97 104 258	Formation overburden clay lime shale lime wet sand sandy shale shale sand shale	Top 321 322 333 340 368 373 448 495 526	Well L Bottom 322 333 340 368 373 448 495 526 527 530	Formation blk shale shale lime shale lime shale lime shale lime shale lime coal shale	674 676 694 700 708 725 727 766 771	676 694 700 708 725 727 766 771 772 774 837	sand lime shale lime Hushpu lime shale lime Southmo shale lime	uckney blk shale	
Top 0 2 4 6 12 18 49 52 97	Bottom 2 4 6 12 18 49 52 97 104 258 263	Formation overburden clay lime shale lime wet sand sandy shale shale sand shale	Top 321 322 333 340 368 373 448 495 526 527	Well L Bottom 322 333 340 368 373 448 495 526 527 530 533	Formation blk shale shale lime shale lime shale lime shale lime shale lime coal shale lime	674 676 694 700 708 725 727 766 771 772 774	676 694 700 708 725 727 766 771 772 774 837	sand lime shale lime Hushpu lime shale lime Southmo	uckney blk shale	
Top 0 2 4 6 12 18 49 52 97 104 258	Bottom 2 4 6 12 18 49 52 97 104 258 263 280	Formation overburden clay lime shale lime wet sand sandy shale shale sand shale sinale shale lime shale	Top 321 322 333 340 368 373 448 495 526 527 530	Well L Bottom 322 333 340 368 373 448 495 526 527 530 533 567	Formation blk shale shale lime shale lime shale lime shale lime shale lime coal shale	674 676 694 700 708 725 727 766 771 772 774	676 694 700 708 725 727 766 771 772 774 837 842 850	sand lime shale lime Hushpu lime shale lime Southmo shale lime	uckney blk shale	
Top 0 2 4 6 12 18 49 52 97 104 258 263	Bottom 2 4 6 12 18 49 52 97 104 258 263 280 307	Formation overburden clay lime shale lime wet sand sandy shale shale sand shale sinale shale lime shale	Top 321 322 333 340 368 373 448 495 526 527 530 533	Well L Bottom 322 333 340 368 373 448 495 526 527 530 533 567 637	Formation blk shale shale lime shale lime shale lime shale lime shale lime wet sand coal shale lime shale	674 676 694 700 708 725 727 766 771 772 774 837 842	676 694 700 708 725 727 766 771 772 774 837 842 850	sand lime shale lime Hushpu lime shale lime Southmo shale lime shale	uckney blk shale	
Top 0 2 4 6 12 18 49 52 97 104 258 263	Bottom 2 4 6 12 18 49 52 97 104 258 263 280 307	Formation overburden clay lime shale lime wet sand sandy shale shale shale lime shale lime shale lime wet sand	Top 321 322 333 340 368 373 448 495 526 527 530 533 567	Well L Bottom 322 333 340 368 373 448 495 526 527 530 533 567 637 641	Formation blk shale shale lime shale lime shale lime shale lime wet sand coal shale lime shale	674 676 694 700 708 725 727 766 771 772 774 837 842 850	676 694 700 708 725 727 766 771 772 774 837 842 850 855	sand lime shale lime Hushpu lime shale lime Southmo shale lime shale lime	uckney blk shale	
Top 0 2 4 6 12 18 49 52 97 104 258 263 280	Bottom 2 4 6 12 18 49 52 97 104 258 263 280 307	Formation overburden clay lime shale lime wet sand sandy shale shale shale lime shale lime	Top 321 322 333 340 368 373 448 495 526 527 530 533 567 637	Well L Bottom 322 333 340 368 373 448 495 526 527 530 533 567 637 641 666	Formation blk shale shale lime shale lime shale lime shale lime wet sand coal shale lime shale lime	674 676 694 700 708 725 727 766 771 772 774 837 842 850 855	676 694 700 708 725 727 766 771 772 774 837 842 850 855 871	sand lime shale lime Hushpu lime shale lime Southme shale lime shale lime shale	uckney blk shale	
Top 0 2 4 6 12 18 49 52 97 104 258 263 280	Bottom 2 4 6 12 18 49 52 97 104 258 263 280 307 314 315	Formation overburden clay lime shale lime wet sand sandy shale shale shale lime shale lime wet sand	Top 321 322 333 340 368 373 448 495 526 527 530 533 567 637 641	Well L Bottom 322 333 340 368 373 448 495 526 527 530 533 567 637 641 666 667	Formation blk shale shale lime shale lime shale lime wet sand coal shale lime shale lime shale	674 676 694 700 708 725 727 766 771 772 774 837 842 850 855	676 694 700 708 725 727 766 771 772 774 837 842 850 855 871 881	sand lime shale lime Hushpu lime shale lime shale lime shale lime shale lime shale lime	uckney blk shale	

KANSAS CORPORATION COMMISSION

Operator:	Cherokee	Wells LLC	Lease Na			Well#		page 2
	Bottom		Тор	Bottom	Formation	Тор	Bottom	Formation
911	918	Weiser sand	1162					
918	928	shale	1208	1233	sand			
928	935	sand	1233	1235	shale			
935	941	shle	1235	1237	Red Bed			
941	944	sand	1237	1266	shale			
944	953	shale	1266		Red Bed			
953	960	lime	1275	1325				
960	961	Mulberry coal	1325	1326				
961	966	shale	1326	1337				
966	986	Pink lime	1337	1338				
986		shale	1338	1344				
988	989	Lexington blk shale	1344	1347	sand			
989	108	shale	1347		shale			
108		Peru sand	1351		Mississippi chat			
1015		Oswego lime	1363	1455	Mississippi lime			
1032		Summit blk shale	1455		Total Depth			
1034							11	·
1037	1043	lime						
1043	1044	shale						····
1044		Mulky blk shale					1	
1045	1046	coal	I					
1046								
1051								
1057		Squirrel sand						
1082	1085	sandy shale						
1085								
1092	1115	shale						
1115		Ardmore lime					<u> </u>	
1116		Crowburg black shale						
1118							1	
1119		shale						
1120		Cattleman sand					1	
1131		sandy shale						
1133								
11691	1162	coal						

Notes:

08LE-051408-R3-027-Neuenschwander A-3-CWLLC-CW-176

RECEIVED KANSAS CORPORATION COMMISSION

MAY 29 2008

INSOLIDATED OIL WELL SERVICES, INC.

). BOX 884, CHANUTE, KS 66720 D-431-9210 OR 800-467-8676

TICKET NUMBER 14038

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET

CEMENT

				11			7
DATE	CUSTOMER#	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
-15-08	2850	Newsoscawoder	# A3				wilson
		THE MENT OF THE PARTY OF THE PA	I			77 Ber 1982	
STOMER Dom	estic Ener	gy factness]	TRUCK#	DRIVER	TRUCK#	DRIVER
ILING ADDRI	ESS	31	1	520	Cliff		
49 (L	Camp Bou	ie Suite 200		SOZ	Phillip		
Υ Υ		STATE ZIP CODE		952/T63	Jim		
Ft. Wb	c+4.	Tx 76107				<u> </u>	
3 TYPE L		HOLE SIZE 63A'	HOLE DEPT	н	CASING SIZE & W	/Eight <u>4%</u>	
SING DEPTH	1745	DRILL PIPE	TUBING			OTHER	
DEL III	нт 18-2#	SEURRY VOL 6 4561	- WATER gal	/sk_ 	CEMENT LEFT in	CASING 0'	· .
PLACEMEN	T_22.68U	DISPLACEMENT PSI_700	MIX PSI	****	Asan lada	- L/ 2581	Leister
MARKS: S	afet Mee	tigo Rig up to 4	18. (at	ing. " Breek	CACAMETIC	1 6000	1.15#
1 60	+ CII-Flui	L 1784 Number	clar M	ixed ISO	F Pichy	4 CENTENT	
V. 1. C-	1 @ 17.24	# fashel. Which out	- Herm	+ lives ise	lege Mu	8. 0.26k	<u> </u>
1 3-4	A las	F \ 1 \ \O \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Dreserve	700 PST	Burno Hu. I	6 1200P	4.
×:+ ·)	mire Rel	ease Prasture. F	lost A	eld. Good	Comment t	o sinfece	<u>c 7651</u>
lung to	Oit.						
137	Jak	Corplete	···				
	<u> </u>						

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
401		PUMP CHARGE	875:00	875.00
406	46	MILEAGE	3.4.5	138.00
11264	150ds	Thick Set Coment	1220	2430.00
1104	750*	Thick Set Coment Kol-Seol 5# Pofic	140*	300.00
1)84	3004	Gel-Ffush	.164	48.00
STORC	4wc	Water Transport	104.00	416.00
123	600gr1	City water	13.30	79.80
Yor		Ton-Milege Bulk Trek	MIL	700.00
1401	(RECEIVED	45" Top Rubber Ply	42.00	Y2,00
	KANSAS CORPORATION COMMISSION	ON .		
	MAY 2 9 2008	Thank he	Sub Todal	4628.80
	CONSERVATION DIVISION WICHITA, KS	6	SALES TAX ESTIMATED	182.69

THORIZATION COURSOLIDATED OIL-EUREKA GEOSB37901 P.1