

KANSAS CORPORATION COMMISSION RIGINAL OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

10/22/10

Operator: License #	API No. 15 - 205-27636-0000
Name: Cherokee Wells, LLC	County: Wilson
Address: P.O. Box 296	NE -SE - Sec. 11 Twp. 27 S. R. 14 ✓ East West
City/State/Zip: Fredonia, KS 66736	990 feet from N (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline	330 feet from W (circle one) Line of Section
Operator Contact Person: Emily Lybarger	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 378-3650	(circle one) NE (SE) NW SW
Contractor: Name: McPherson Drilling CONFIDENTIAL	Lease Name: Well #: A-7
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A	Producing Formation: Unknown
Designate Type of Completion:	Elevation: Ground: 946' Kelly Bushing: N/A
New Well Re-Entry Workover	Total Depth: 1430' Plug Back Total Depth: N/A
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 40' 5" Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from sruface
Operator:	feet depth to bottom casing w/ 150 sx cmt.
Well Name:	Drilling Fluid Management Plan AHII NH 1609
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
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	· ·
Other (SWD or Enhr.?) Docket No	Operator Name:
9/29/08 10/1/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worko 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 log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well All requirements of the statutes, rules and regulations promulgated to regu	ith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-gs and geologist well report shall be attached with this form. ALL CEMENTING IIs. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	
Signature: All	KCC Office Use ONLY
Title: Administrative Assistant Date: 10/22/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 29 day of	If Denied, Yes Date:
OS NO	TARY Wireline Log Received RECEIVED
	JBLIC Geologist Report Received KANSAS CORPORATION COMM
Notary Public (1) 10 10 10 10 10 10 10 10 10 10 10 10 10	If Denied, Yes Date: Wireline Log Received RECEIVED Wireline Log Received RECEIVED Geologist Report Received UIC Distribution OCT 3 1 2008
Date Commission Expires (MAL (WIL)	CONSERVATION DIVISION
11/1/11	WICHITA, KS

perator Name: Che	rokee Wells, LLC		Lease	Name: D	uckworth		Well #: A-7		
	S. R. 14	✓ East West	County	Wilson					
sted, time tool oper mperature, fluid rec	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 she along with fir	ut-in pre	ssure reached	static level, hydro	ostatic pressur	es, botto	m hole
rill Stem Tests Take		☐ Yes 📝 No		⊘ Lo	og Format	ion (Top), Depth	and Datum		Sample
amples Sent to Geo	-	☐ Yes 🗸 No		Name Driller	e s Log Enclose	ed	Тор		Datum
Cores Taken			Dilliers Log Lindosed						
st All E. Logs Run:									
High Resolution Log, Dual Indo		ted Density/Neu	tron						
		CASING Report all strings set-	RECORD	✓ Ne		ction, etc.			
Purpose of String	Size Hole	Size Casing	Weig	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	Drilled	Set (In O.D.) 8 5/8"	13#	7 (.	40' 5"	Portland	8		
Longstring	6 3/4"	4 1/2"	10.5#		1420'	Thickset	150		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	· · · · · · · · · · · · · · · · · · ·	JEEZE RECOR		Percent Additives	3	
Shots Per Foot		ION RECORD - Bridge Plu				acture, Shot, Ceme		ord	Depth
N/A	N/A	Footage of Each Interval Pe	eriorated		N/A	THOUSE CONTRACTOR			N/A
						CON	FIDENTIA		
						0C	T 2 2 KANS	RE AS CORP	CEIVED PRATION COMMI
							KCC	OCT	
TUBING RECORD	Size	Set At	Packer A	At	Liner Run	Yes N	lo lo	CONSER	RVATION DIVISION
Date of First, Resume	rd Production, SWD or	Enhr. Producing Me	ethod	Flowin	q Pum	ping Gas I	_ift	ner (Explai	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat		Bbls.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETION			Production Int	erval			
Vented Sold	Used on Lease	Open Hole		f. 🔲 I	Dually Comp.	Commingled			

McPherson Drilling LLC Drillers Log

Rig Numbèr: 3	S. 11	T. 27	R. 14E
API'No. 15- 205-27636	County:	WILSON	
Elev. 946	Location:	NE SE SE	

Operator: CHEROKEE WELLS LLC Address: P.O. BOX 296 FREDONIA KS 66738 Well No: A-7 Lease Name: **DUCKWORTH** Footage Location: 990 ft. from the SOUTH Line 330 ft. from the EAST Line Drilling Contractor: **McPherson Drilling LLC** Spud date: Geologist: .09/29/2008 Date Completed: Total Depth: 1430 .10/01/2008

Casing Record			ng Record Rig Time:		
	Surface	Production	3.25	HRS GAS TEST	
Size Hole:	11"	6 3/4"	1.00	DAY BOOSTER	
Size Casing:	8 5/8"		1.50	WATER HAUL TRUCK	
Weight:	13#				
Setting Depth:	40'5"	CHEROKEE			
Type Cement:	Portland		l		
Sacks:	8	MCPHERSON	DRILLER:	DEVIN WINDSOR	

Gas Tests:			
621	0.00	MCF	
657	0.00	MCF	
668	4.84	MCF	
694	4.84	MCF	
765	9.45	MCF	
934	33.9	MCF	
958	33.9	MCF	
1036	33.9	MCF	
1054	86.3	MCF	
1070	86.3	MCF	
1118	73.6	MCF	
1127	59.2	MCF	
1133	59.2	MCF	
Comments:			
]			
Start injecting (@	503	

				Well Log					
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.	
sand	0	7	shale	763	816	shale	1130	1137	
shale	7	190	lime	816	821	sand	1137	1147	
lime	190	209	shale	821	850	shale	1147	1252	
shale	209	216	lime	850	858	lime	1252	1257	
lime	216	248	shale	858	895	shale	1257	1395	
shale	248	316	sand	895	931	Mississippi	1395	1430	
lime	316	342	shale	931	951				
shale	342	430	lime	951	953				
lime	430	476	coal	953	955				
shale	476	552	lime	955	962				
lime	552	570	shale	962	1015				
shale	570	575	lime	1015	1024			ACTED A O	
lime	575	615	summit	1024	1031	C	ONFIDEN	MAL	
black shale	615	618	lime	1031	1041		OCT 22		
lime	618	649	mulky	1041	1047			<u>E</u> 680	
black shale	649	652	shale	1047	1056		KC	C	
lime	652	663	sandy shale	1056	1060		0.00		
black shale	663	665	sand	1060	1066				
lime	665	683	shale	1066	1109	F	RECEIVED		
black shale	683	689	coal	1109	1116	KANSAS COI	KANSAS CORPORATION COMMIS		
lime	689	717	shale	1116	1123		T 3 1 200	R	
shale	717	733	coal	1123	1125		1 3 1 ZOO	U	
lime	733	750	shale	1125	1129	CONSE	RVATION DIVIS	ION	
black shale	750	763	coal	1129	1130		WICHITA, KS		





TICKET NUMBER_	19469
LOCATION COL	Eureka

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

termination in the same of the	or 800-467-8676		CEMENT			
DATE	CUSTOMER#	WELL NAME & NUMBE	R SECTION	TOWNSHIP	RANGE	COUNT
CUSTOMER	TONGD	Duckworth A-7				Wilson
	Tis Enera	Cotone				
Dames	RESS	Partners	TRUCK#	DRIVER	TRUCK#	
49/6	Camo Bowle	Sulto zoro	495	Alon_		
CITY		STATE ZIP CODE	441	Dave		
FOCTINO	7TX	TX 76107		 	_	
			OLE DEPTH_ /430'		100	
CASING DEPT	.		UBING	CASING SIZE &		10.64
	HT_/3.4/#	SLURRY VOL	ATER aplak	CEMENT LEFT	OTHER_	
DISPLACEMEN	NT 22. 2846	DISPLACEMENT PSI 💪 o 🗢 🛚 N	XPS RamoDlan Upot	FDATE		
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TYM! CAD!	who releas	exten Displace	CUIL 22.7666 G	and a money		
Program		1997/AP AMERICA - A FRANCIS A		/4-1 m /		400
bold.			ement Returns	To Surface	344/15	Zuga V. Tel
<i>V.</i> 7	Jah Compl	TO Rigdows			- Q BARLEY PAR	
		7ho	nK You			
ACCOUNT	1 2					
CODE	QUANITY o	UNITS DESC	RIPTION of SERVICES or PR	DDUCT	UNIT PRICE	TOTAL
5401	//	PUMP CHARGE			935.00	725.00
5406	9	MILEAGE A	162 Maril		C	CAROL
1126 A	150555	Thick J	et Cement		17.00	2550.00
4011	750-#	Kol-Seal	5 Packk		147	215.00
A A			C.O	MFIDENTIAL		
1118A	700 #	Gel Stash		CT 2 2 20110	.17	34-00
			4			
5407A	8.25 Tons	- Homiles	bulk Track	KCC	1.20	398.00
						748800
4404		4/2 Rub	ber Plum		45,00	4500
·			er er	IVED		73.00
			KANSAS CORPORI	AION COMM		
				1 2008		
			CONSERV	AIOU DIVISION		
			Mir.	2311		
		•			Sub Total	476.00
3787				I	SALES TAX	185:48
		විව	F349		ESTIMATED TOTAL	4430,48
THORIZTION (Talled by 7.	de C Time	E Co. Rep		DATE	ALTON TO
					W~16	