CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1 September 1999 Form Must Be Typed

4/23/10

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33539	API No. 15 - 205-27399-0000
Name: Cherokee Wells, LLC	County: Wilson
Address: P.O. Box 296	SE_SE_SE_ Sec. 19 Twp. 27 S. R. 15 V East West
City/State/Zip: Fredonia, KS 66736	100 feet from S N (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline	100 feet from (E) / W (circle one) Line of Section
Operator Contact Person: Emily Lybarger	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 378-3650 APR 2 3 2008	(circle one) NE (SE) NW SW
Contractor: Name: Well Refined Drilling CONFIDENTIAL	Lease Name: Well #: A-2 SWD
License: 33072	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A	Producing Formation: N/A
Designate Type of Completion:	Elevation: Ground: N/A Kelly Bushing: N/A
New Well Re-Entry Workover	Total Depth: 1802' Plug Back Total Depth:
OilSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 44.6' 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 bottom casing 1년이
Operator:	feet denth to surface w/ 245 sx cmt.
Well Name:	Alt 2-lacing
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
Other (SWD of Ellill.?) Docket No	Lease Name: License No.:
2/29/08 3/5/08 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R 🗌 East 🗌 West
Recompletion Date Recompletion Date Recompletion Date	County: 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, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulation	te the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Signature: Kayuu Stylle	KCC Office Use ONLY
Title: Administrative Assistant Date: 3/11/08	Letter of Confidentiality Received
11110	If Denied, Yes Date:
Subscribed and sworn to before me thisday of	Wireline Log Received
Subscribed and sworn to before me this	TARY Geologist Report Received RECEIVED
Notary Public: My DUSY PL	JBLIC UIC Distribution KANSAS CORPORATION COMMISSION
	ppt. Exp
Date Continues on Expires.	1000
TINITE'S	OF KANNING CONSERVATION DIVISION WICHITA, KS
· · · · · · · · · · · · · · · · · · ·	Secretarian Secret

Side Two

Operator Name: Cherokee Wells, LLC Sec. 19 Twp. 27 S. R. 15 Fast West			Lease	Name: Collins		Well #: A-2 SWD		
			st County	: Wilson				
sted, time tool ope mperature, fluid re	n and closed, flowin covery, and flow rate	g and shut-in pressu	ires, whether sh est, along with f	ut-in pressure reac	eport all final copies of hed static level, hydro n extra sheet if more s	static pressure	es, bottom hole	
rill Stem Tests Take		Yes 🗸 N	ło	√ Log For	mation (Top), Depth a	nd Datum	Sample	
amples Sent to Ge	•	☐ Yes 🗸 N	lo	Name Drillers Log Enc	losed	Тор	Datum	
ores Taken		☐ Yes 🗸 N	ło					
ectric Log Run		✓ Yes \[\] \	lo					
(Submit Copy)							KCC	
st All E. Logs Run:						Аlõ	R 2 3 2008	
		ated Density/N	leutron			0 40	• •	
og Dual Indu	uction Log					CO	NFIDENTIA	
			SING RECORD	✓ New Use				
Purpose of String	Size Hole	Size Casing	Wei	ght Setting	Type of	# Sacks Used	Type and Percent Additives	
Surface	Drilled 11"	Set (In O.D.) 8.625"	20#	44.6'	N/A	N/A	7.0005	
Longstring	7 7/8"	4.5"	10.5#	1590'	60/40 Poz-Mix Cement	245		
		ADDITIO	ONAL CEMENTI	NG / SQUEEZE REC	CORD		1	
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cemen	t #Sacks	Used	Type and P	ercent Additives	S	
Shots Per Foot		FION RECORD - Bridg		Acid	d, Fracture, Shot, Cement (Amount and Kind of Ma		rd Depth	
√A	N/A			N/A			N/A	
TUBING RECORD	Size	Set At	Packer /	At Liner Run	Yes No			
Date of First, Resume	rd Production, SWD or	Enhr. Producir	ng Method	Flowing P	Pumping Gas Lif	t 🔲 Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bbls. G	Sas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF	COMPLETION	<u> </u>	Production	n Interval			
Estimated Production Per 24 Hours Disposition of Gas Vented Sold	Oil METHOD OF	Bbls. Gas COMPLETION Open	Mcf	Water	Bbls. G	Gas-Oil Ratio	RECEIV	

CONSERVATION DIVISION WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, LC

2.0. BOX 884, CHANUTE, KS 66720

120-431-9210 OR 800-467-8676



TICKET NUI	MBER	13638
LOCATION_	Eure	Ka
FOREMAN_	Troy St	ickler

TREATMENT REPORT & FIELD TICKET

	· •			CEME	NT			
DATE	CUSTOMER#	WE	LL NAME & NUM	4BER	SECTION	TOWNSHIP	RANGE	COUNTY
3-6-08		Collins	A-2 Sn	0				Wilson
USTOMER					and the second		77 18 10 10 10 10 10	
IAILING ADDR	nestik Energ	an recure	<u> </u>	4	TRUCK#	DRIVER	TRUCK #	DRIVER
MOIL A	0		_		520	Shamon		
ITY	imp Bowie	State 20	ZIP CODE	-	515	Trovid	Λ.	NUC
				1	452/763	Jim		R 2 3 2008
Fort Wer		7X	7607	j			CO	William.
ASING DEPTH	* a m of - o	HOLE SIZE	734"	HOLE DEPT		CASING SIZE 8	WEIGHT	as INCIA I WI
LURRY WEIGH		DRILL PIPE	1450		236~		OTHER	
ISPLACEMENT		_	64.58y		sk	CEMENT LEFT	in CASING 0	
		DISPLACEMEN		MIX PSI		RATE		
Z . C-()	tery Mach	y Ren	1590	5 1/2" Ca	sing. w/ ope	n hele ha	ok wall f	acker w/
		2 78° 14 DI	786 W/ O	KIPA IAM M	Pincina duni	11° 1	1. 2.7/1	1 (
LOPE COL	ing w/ was	50 3 prot	Moulter	of 2-13	"tubing o	pen And 1	albr. Ross	V Circumlashin
-/ (3 (3)		AL DUE Los	see mist	245	rkr <i>Loju</i> n .	D = - m · .	Canada	1
470 (SE)	+ 0-11-	2 G 14	The !	rield 14	8. Displace	w/ 4.5 E	Bbl water.	Shut Down.
7.744 T	LOTA	LIGATRICE	CASING	fa 1000	PIT. Tool (Tosed. On	an Araba	- R b
		161/ 3 WOLL	6-8V . DA	CL Luash	w/ 45 RKI	Later la	100 was . /	200 m 1 1
-ICHO	ALL TVOIN	Skut	Certify is	ne o	PST. Good	Commit	to surfa	cc = 6 BW
Tury to	<i>p</i> , 4.							
ACCOUNT		ob Comple	1			· · · · · · · · · · · · · · · · · · ·		
CODE	QUANTITY	or UNITS	DE	SCRIPTION of	SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401			PUMP CHARGE	-			875.00	875.00
5406	40		MILEAGE				3.45	138.00
								136.00
1131	2455	is .	60/40	Az-Mix	Commet		10.80	21 404 :00
LIDA	1225):		1 S# Pa			,40*	2646.00
USA	845#		Gel 49		<u> </u>			490.00
102	420		Cacl ₂ 2				36#	135.20
				<u>. – </u>			.70 4	294.00
5407		•		-1 1	11. TT- 1			
			10n- 11)	Henge B	alk Truck		m/c	300.00
501C	111 -		4.7.1				<u> </u>	
123	4hrs		Water 7.	cangeort			104.00	416.00
161	600gr		Lity WE	<u> </u>		-1/517	13.30 Par	79.80
					REC	EIVED RATION COMMISSION	1	
• •					KANSAS CURPO			
			· ————————————————————————————————————		MAR	1 2 2008		
						MOISING MOITAN		
			77	141	CONSE	ACHITA, KS		
			16	ank You!			Sep John	5374.00
				^^ -	- /	6.3%	SALES TAX	229.64
				8805	٣4 Le		ESTIMATED TOTAL	5603.64
HORIZATION C	willed by Ja	Mars	T	ITLE <u>(a-1</u>			DATE	

McPherson Drilling LLC Drillers Log

Rig Number:	3		S. 19	T. 27	R. 15E
API No. 15-	205-27399	:	County:	WILSON	
	Elev.	UNK	Location:	SE SE SE	

Operator: CHEROKEE WELLS LLC Address: P.O. BOX 296 FREDONIA KS 66738 Well No: A-2SWD Lease Name: **COLLINS** Footage Location: 100 ft. from the South Line 100 ft. from the East Line Drilling Contractor: McPherson Drilling LLC Spud date: Geologist: 2/29/2008 Date Completed: Total Depth: 3/5/2008 1802

Casing Record			Rig Time:		
	Surface	Production	1.50	Hrs. G	as Test
Size Hole:	. 11"	7 7/8"	1.50	Gel Ho	le
Size Casing:	8 5/8"		2:30P - 4:30P	тон	02.00hrs.
Weight:	20#		7:00A - 9:00A	TIH	02.00hrs.
Setting Depth:	44.6	McPherson N/C	1 - 7 7/8"	TRI-CON	IE
Type Cement:		N/C			
Sacks:		ONSOLIDATED	Driller:	MAC MC	PHERSON

Gas Tests:		-		
	•			
. 855	0.00	MCF		
885	0.00	MCF		
905	2.76	MCF		
980	0.00	MCF		
1080	0.00	MCF		
1105	4.84	MCF		
1231	4.84	MCF		
1256	0.00	MCF		
KCC APR 2 3 2008 CONFIDENTIAL				
Comments: Water out ham	mer @	1642'		

				Well Log		
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation Top Btm.
soil clay	0	31	lime	895	901	
lime	31	101	shale sand	901	960	
shale	101	174	coal	960	962	
lime	174	237	shale	962	1073	
shale	237	325	coal	1073	1075	
coal (damp)	325	327	shale	1075	1091	
shale	327	355	coal	1091	1094	
lime	355	362	shale	1094	1223	
shale	362	388	coal	1223	1226	
lime	388	490	shale	1226	1238	
shale	490	518	Mississippi	1238	1444	
lime	518	601	gry grn shale	1444	1468	
shale	601	641	lime	1468	1501	
coal	641	642	green shale	1501	1552	
shale	642	698	lime	1552	1562	
sandy lime	698	712	brown shale	1562	1587	
shale	712	804	Arbuckle	1587	1802	
lime	804	828				
black shale	828	835				
sandy shale	835	865				RECEIVED
oswego	865	878				KANSAS CORPORATION COMMISSION
summit	878	882				MAR 1 2 2008
lime	882	891				
mulky	891	895				CONSERVATION DIVISION WICHITA, KS