CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Septemb Form Must Be

Operator: License # 33539	API No. 15 - 205-27404-0000
Name: Cherokee Wells, LLC	County: Wilson
Address: P.O. Box 296	NE _NE _ SE Sec. 18 Twp. 27 S. R. 15
City/State/Zip: Fredonia, KS 66736	2290 feet from S N (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline	350 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	(circle one) NE (SE) NW SW
·	Lease Name: Shay Well #: A-3
Contractor: Name: Well Refined Drilling License: 33072 CONFIDENTIAL	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A MAY 1 6 2006	Producing Formation: Unknown
	Elevation: Ground: NA 99/ Kelly Bushing: N/A MA
Designate Type of Completion:	Total Depth: 1430' Plug Back Total Depth: N/A
New Well Re-Entry Workover	2017
Oil SWD SIOW Temp. Abd.	
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
Operator:	feet depth to surface w/ 150 sx cmt.
Well Name:	Drilling Fluid Management Plan ATTIVI 6 76 0 5
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pil)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
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:
5/2/08 5/6/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp S. R
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 a 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 regulat nerein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Fitle: Administrative Assistant Date: 5/16/08	KCC Office Use ONLY LYBA Letter of Confidentiality Received
I/ W	ANN POLICE VAN DOLLAR
Subscribed and sworn to before me this Q day of \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
008 = 1 001	PUBLIC Wireline Log Received KANSAS CORPORATION COMMISS My Appt. Exp.: Geologist Report Received
Notary Public: Amin , Jubury	. 2/21/2012
	MAY 1 9 2008
Date Commission Expires A A A A A A A A A A A A A A A A A A A	CONSERVATION DIVISION
	WICHITA KS

Operator Name: Ch	erokee Wells, LLC		Lease	Name: Sh	ay		Well #: A-3	
Sec Twp	27 S. R. 15	✓ East ☐ West	County	Wilson				
ested, time tool ope emperature, fluid re	en and closed, flowin ecovery, and flow rate	and base of formations p g and shut-in pressures, es if gas to surface test, a final geological well site i	whether shalong with fi	ut-in press	sure reached	static level, hydi	ostatic pressure	es, bottom hole
Orill Stem Tests Tak		☐ Yes 🗸 No		√ Log	Formati	on (Top), Depth	and Datum	Sample
Samples Sent to Ge	,	☐ Yes 🗸 No	Name				Тор	Datum
Cores Taken Electric Log Run (Submit Copy)	Yes No		Drillers Log Enclosed					
ist All E. Logs Run	:							
High Resolut Log, Dual Inc		ited Density/Neut	ron					
		CASING Report all strings set-o	RECORD	✓ New	Used	tion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	26#	2	0' 7"	Portland	4	
Longstring	6 3/4"	4 1/2" CONFIDENTIAL	10.5#	1	420'	Thickset	150	
		MAY 1 6 2008	CEMENTIN	IG / SQUE	EZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	of Cement #Sacks Used		sed Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone	3							
Shots Per Foot	PERFORATI	ON RECORD - Bridge Plug	s Set/Type		Acid, Frac	cture, Shot, Cemer	nt Squeeze Record	
	1	Footage of Each Interval Per	forated		(Amount and Kind of Material Used) De			
N/A	N/A							N/A
TUBING RECORD	Size	Set At	Packer At	1	iner Run	Yes No)	
Date of First, Resume	rd Production, SWD or E	Producing Meth		Flowing	Pumpir	ng Gas L	ift Othe	r (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Ві	ols.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	COMPLETION		F	roduction Inter	val	PAPINAN	RECEIVED CORPORATION COMMISS
Vented Sold	Used on Lease	Open Hole Other (Speci	Perf.	Dua	lly Comp.	Commingled _		MAY 1 9 2008

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	1	Lic # 33	539	L NERA	S 18	T27S	R15E
API#:	205-27	404			Rio-#-2	Location:		NE, NE, SE
Operato	or: Chero	okee Wells, LLC			Rig#3	County:		Wilson
	1	Camp Bowie Blvd			ALLDI			
		North, TX 76107				Gas Te		
Well #:		Lease Name:	Shay		Depth	inches	Orfice	flow - MCF
Location:		FSL	Line					
		FEL	Line		See Page 3			
Spud Date		5/2/2008						
Date Com	npleted:	5/6/2008	ITD:	1430'				
Driller:		Cody Shamblin	T			ļ	<u> </u>	
Casing F		Surface	Produc			 		
Hole Siz		12 1/4"	ļ	6 3/4"		 		
Casing	Size	8 5/8"	 			 		
Weight Setting	Donth	26# 20' 7"	 			 		
Cement		Portland	ļ				ļ	
Sacks	LType	4		COME	ialesialiki)			
Feet of	Casing		 	COM		 		
1 001 01	Cusing		<u> </u>	MAY	1 6 2008	 		
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			·	Well L	og			
Тор	Bottom		Тор	Bottom		Тор	Bottom	Formation
0	2	ОВ	477		sandy/shale			oil odor
2	4	10.07	482	484	sand	712		shale
4		shale			wet	713	714	Southmound
179		lime	484		shale			blk shale
187		shale	494		Red Bed	714		shale
189	236	lime	506 538		shale	729	740	
236	307	damp shale	624	624 625	lime shale	740 782		shale sand
200	. 30/	SII I I I I	. 0/4				/ 00	เรลเเน
		lima						
307	334	lime shale	625	626	shale	785	803	shale
307 334	334 336	shale	625 626	626 628	shale Stark- blk shale	785 803	803 809	shale lime
307 334 336	334 336 338	shale lime	625 626 628	626 628 631	shale Stark- blk shale shale	785 803 809	803 809 828	shale lime shale
307 334	334 336 338 394	shale lime shale	625 626 628 631	626 628 631 637	shale Stark- blk shale shale lime	785 803 809 828	803 809 828 847	shale lime shale lime
307 334 336 338 394	334 336 338 394	shale lime shale lime	625 626 628	626 628 631 637 651	shale Stark- blk shale shale lime sand	785 803 809 828 847	803 809 828 847 855	shale lime shale lime shale
307 334 336 338 394	334 336 338 394 395	shale lime shale lime shale	625 626 628 631 637	626 628 631 637	shale Stark- blk shale shale lime sand lime	785 803 809 828	803 809 828 847 855 858	shale lime shale lime shale lime shale
307 334 336 338 394 395	334 336 338 394 395 418' 6" 440	shale lime shale lime shale	625 626 628 631 637 651	626 628 631 637 651 670 678	shale Stark- blk shale shale lime sand lime	785 803 809 828 847 855	803 809 828 847 855 858 863	shale lime shale lime shale lime shale lime Wiser- sand
307 334 336 338 394 395 418' 6"	334 336 338 394 395 418' 6" 440	shale lime shale lime shale lime	625 626 628 631 637 651 670	626 628 631 637 651 670 678	shale Stark- blk shale shale lime sand lime shale	785 803 809 828 847 855 858	803 809 828 847 855 858 863 870	shale lime shale lime shale lime shale
307 334 336 338 394 395 418' 6"	334 336 338 394 395 418' 6" 440 462	shale lime shale lime shale lime shale lime sand wet shale	625 626 628 631 637 651 670	626 628 631 637 651 670 678 680	shale Stark- blk shale shale lime sand lime shale Hushpuckney- blk shale shale	785 803 809 828 847 855 858 863	803 809 828 847 855 858 863 870 880	shale lime shale lime shale lime wiser- sand sandy/ shale

RECEIVED KANSAS CORPORATION COMMISSION

Operator:	Cherokee	Wells LLC			Well#	A-3	page 2	
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
900		sandy/ shale	1187	1189	shale			
909	945	sand	1189	1192	Bartlesville- sand			
945	946	Mulberry- coal	1192	1195	sandy/shale			
946		shale	1195	1216			ŀ	
949		Pink- lime	1216	1217	coal			
967		shale	1217	1225				
970	974		1225	1237				
974		Lexington- blk shale	1237	1243				
976			1243	1246				
1004		Oswego- lime	1246					
1022		Summit- blk shale	1314		sandy/shale			
1024	1025		1330	1362				
1025	1041		1362		sand			
1041	1044		1368		Riverton- coal			
1044		Mulky- bik shale	1369	1378				
1045	1046		1378	1388	Mississippi- chat			
1046	1050		1388	1430			<u> </u>	
1050		Squirrel- sand	1430		Total Depth			
1091	1094							
1094		sandy/ shale						
1098	1104							
1104		coal- Bevier		00	NFIDENTIAL		<u> </u>	
1105				U U			<u> </u>	
1118		Ardmore- lime			1AY 1 6 2000			
1120	1121			UY	1/N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
1121		Crowburg- blk shale			1466		<u> </u>	
1122	1131				NCC			
1131		Cattleman- sand						
1136		sandy/ shale						
1138	1157							
1157		Fleming- coal						
1158	1174							
1174		Scammon- coal					<u> </u>	
1175	1186							
1186	1187	Wier- coal						

Notes: 08LE-050608-R3-025-Shay A-3 - CWLLC-CW-174

CW-174

RECEIVED KANSAS CORPORATION COMMISSION

MAY 19 2008

Operator:	Cherokee	Wells LLC	Lease Na		Shay	Well#	A-3	 page 3
				Tests				
		Depth	Inches	Orfice	flow - MCF	J		
		630			No Flow	}		
		680		<u> </u>	No Flow	1		
		730		<u> </u>	No Flow	1		
		955		<u> </u>	Trace	_		
		980		ļ	Trace			
		1030	<u> </u>	<u> </u>	Trace	1		
		1055	_		Trace	ŀ		
		1105	2	3/8"	5.05	į		
		1130		Check S		1		
		1180		Check S		1		
		1205	10	3/8"	11.3			
		1330		ļ	Trace			
		1380	2	3/8"	5.05]		
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MAY 19 2008

CONSOLIDATED OIL WELL SERVICES, LLC P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676



FOREMAN Thy Strike

TREATMENT REPORT & FIELD TICKET

				CEMEN ³	T			
DATE	CUSTOMER#	WE	LL NAME & NU	MBER	SECTION	TOWNSHIP	RANGE	COUNT
5-8-08	2890	Shay	A-3					wilson
CUSTOMER	_	^				34		
MAILING ADDR	ic Energy	Hartners			TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRI	555				520	Cliff		
4916 Ca	mp Bowie	Sie 200		[441	7.0		
CITY		STATE	ZIP CODE	7 [434	EL		†
Ft WOR	<u> </u>	Tx	7407					
OB TYPE	<i>y y</i>	HOLE SIZE	634.	HOLE DEPTH_	1420'	CASING SIZE & 1	WEIGHT 444	
ASING DEPTH	1420	DRILL PIPE		TUBING			OTHER	
LURRY WEIGH	IT_/3.2#	SLURRY VOL	4581	WATER gal/sk	80	CEMENT LEFT in		
ISPLACEMENT	22.584	DISPLACEMEN		MIX PSI 100		RATE	CASINO	
EMARKS: _	aleh Meet			· · · · · · · · · · · · · · · · · · ·	•			······································
Aumsed	4ck Ge	- Flush	'				30 Mi 100	fac.
4				384 Dye	mater 1	Nixed 150		<u>set</u>
Cement		olter 6		e wash		p + lines	Release	Chec.
Visplace		5-7-10PT PT	ator. F	inal Phy		WE LOD !	PSI. Bugo	A
to 110		zit 2m	in Rel	care Presi	we Flo	_	Good Co	norm t
to st	uface =	78400S	lum to	Pit.	-			
····	CONF	PUENTIAL		Jak	Coplate			
	MAW	1 6 2008						
		-1 0 -2000						
		K(C(C		····-			 .	
ACCOUNT CODE	PITTIAND	or UNITS	Di	ESCRIPTION of S	ERVICES or PRO	DUCT	UNIT PRICE	TOTAL
			 		··		<u>1</u>	

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
SYDI	(PUMP CHARGE		
SYOL	40	MILEAGE	3.45	138.00 335.00
11264	1.50rki	Thick Set Commt	16.20	2430.0
IIIOA	750#	Thick Set Coment Kol-Sal SN A/R	.40*	300.00
1118.4	2 00*	Gel-Aug	.164	32.00
5407		Ton Milege RECEIVED KANSAS CORPORATION COMM	ISSION pro/c	. ?po. ∞
22055	Sles	20 BSI Vac Truck MAY 1 9 2008	94.00	470.00
1123	300gre/	City webs Conservation Division Wichita KS	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	39.90
4404		45 Top Rubber Ply	42.60	42.∞
		Thank You!	Sab Del	lu a a-
		63%		179.17
		221931	ESTIMATED TOTAL	4806.07
JTHORIZATION_(alled by Tylor h	46h TITLE Co-Rep	DATE	