# CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## **ORIGINAL** 4/1/10

Form ACO-1 September 1999 Form Must Be Typed

### **WELL COMPLETION FORM**



Operator: License #	API No. 15 - 205-27346-0000
Name: Cherokee Wells, LLC	County: Wilson
	C _E2 _NE _ SE Sec. 19 Twp. 27 S. R. 15 V East West
City/State/Zip: Fredonia, KS 66736	1980 feet from (S) N (circle one) Line of Section
Address: P.O. Box 296  City/State/Zip: Fredonia, KS 66736  Purchaser: Southeastern Kansas Pipeline CONFIDENTIAL  Operator Contact Person: Emily Lybarger	375 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
Contractor: Name: Well Refined Drilling	Lease Name: Shay Well #: A-2
License: Well Refined Drilling	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: 1305' Plug Back Total Depth: N/A
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 31' 7" 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
Operator:	feet depth to surface w/ 140 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHTIVTO-39-09 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	,
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls  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:
	Lease Name: License No.:
3/21/08 3/25/08 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, workov 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.	ate the oil and gas industry have been fully complied with and the statements
10	
Signature: Shawuk Undle	KCC Office Use ONLY
Title: Administrative Assistant Date: 4/1/08	Letter of Confidentiality Received
Subscribed and sworn to before me this	If Denied, Yes Date:
20 8	Wireline Log Received RECEIVED
20 90 72 11	ARY Geologist Report Received KANSAS CORPORATION COMMISSI
	UIC Distribution APR 0 3 2008
	If Denied, Yes Date:  Wireline Log Received RECEIVED  Geologist Report Received APR 0 3 2008  UIC Distribution APR 0 3 2008  CONSERVATION DIVISION WICHITA, KS

#### Side Two

•							Well #: _A-2	
ec Twp	27 S. R. 15	_ ✓ East ☐ West	County	Wilson	<u> </u>			
ested, time tool op emperature, fluid re	en and closed, flowing covery, and flow rate	and base of formations p ng and shut-in pressures, es if gas to surface test, a final geological well site	whether shalong with fin	ut-in pre	essure reached	static level, hydro	ostatic pressure	es, bottom hole
rill Stem Tests Tak (Attach Additiona		☐ Yes 📝 No		VL	og Format	ion (Top), Depth a	and Datum	Sample
amples Sent to Ge	eological Survey	☐ Yes 🗸 No		Nam Drille	e rs Log Enclose	ıd	Тор	Datum
Cores Taken		Yes V No		Dimo	.o Log Endooc			
lectric Log Run		✓ Yes   ☐ No				CONFIDE	NTIAL	
(Submit Copy) ist All E. Logs Run	:					APR 0 1	2008	
High Resolut Log	ion Compensa	ated Density/Neut	ron			KC	C	
	·	CASING Report all strings set-	RECORD	✓ Ne	_	tion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./	ht	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#		31' 7"	Portland	8	
Longstring	6 3/4"	4 1/2"	10.5#		1295'	Thickset	140	
		ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECORD	)		
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cement	#Sacks I				Percent Additives	
Plug Back TD Plug Off Zone								
Shots Per Foot		ION RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Cemen		d Depth
N/A	N/A	Todago of Zuommortan of			N/A		101111	N/A
TUBING RECORD	Size	Set At	Packer At		Liner Run			
					[	Yes No		
Date of First, Resume	rd Production, SWD or 8	Enhr. Producing Met	hod	Flowing	g 🔲 Pumpi	ng 🔲 Gas Lii	ft Othe	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	er B	lbls. (	Bas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF (	COMPLETION			Production Inter	val	KANSA	RECEIVED AS CORPORATION COMM
Vented Sold	Used on Lease (automit ACO-18.)	Open Hole Other (Spec	Perf.		oually Comp.	Commingled	VAR	APR 0.3 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 #:	1		(Life: 335	39	Rig#1	S19	T27S	R15E	]
API#:	15-205-	27346-0000			Dia # 1	Location	n:	C,E2,NE,SE	1
Operato	<u> </u>	rokee Wells, LLC	<del></del>		A NBITTA	County:		Wilson	1
Орогас	<del></del>	Camp Bowie Su			TILDIC.		<del></del>		4
		Worth, TX 76107				Gas	[ests]		1
Well #:	1	ILease Name:	Shay		Depth			flowelMCF	
Location:	1980	l	Line	Fa 183,85	30,30				4
Location.		FEL	Line		See Page 3	<del> </del> -			1
Spud Date		3/21/2008		1	333.		<b></b>		JUNEATIAL
Date Com		3/25/2008	TD:	1305'				<del>_</del>	NFIDENTIAL
	Mike Re		<u> </u>				<del></del>		APR 0 1 2008
Casing I	Record	Surface	Produc	tion			•		1
Hole Siz		12 1/4"		6 3/4"					KCC
Casing	Size	8 5/8"							1 1100
Weight		24#							
Setting	Depth	31' 7"							
Cement		Portland							
Sacks		8							]
Feet of	Casing								j
03FC=0	32508 <del>+</del> R	11-010-Shay A-2-	<u>omirc</u> =	@W#155					
				WellL	00				
JOD	Bottom	Formation	COL	Bottom	Formation	Jop	Bottom	Formation	
0	1	overburden	495	530	lime	754			
1	22	clay	530		shale	805	824	sand	]
22		shale	539		blk shale	824		shale	
31		shale	541	542	coal	825	826	coal	]
60		lime	542		shale	826		shale	]
66		shale	545		lime	828	847	lime	
73	1	lime	568		blk shale			water	1
120		shale	572		shale	847		shale	1
223		lime	575	610		849		lime	<b>.</b>
332		shale	610		shale	853		blk shale	1
390		lime	620	625		854		shale	1
400		shale	625		shale	868	869		
423		lime	687		lime	869		shale	4
426		shale	715		shale	870	885	sand	ł
440		lime	716		lime	005	990	more water	-
447	495	shale	745	754	sand	885	009	shale	]

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		<b>Wells Itte</b>							
Vop	Bottom	Formation	Jop	Bottom	Formation	Lop	<b>[Bottom</b>	Formation	
889	902	lime	1100	1102	blk shale				
902	905	shale	1102	1106	shale				
905	907	Summit blk shale	1106	1107	coal				
907		shale	1107	1124	shale				
911		lime	1124	1127					
917		shale	1127	1173					
918		Mulky blk shale	1173	1174	coal				
920			1174		shale				
921		shale	1216	1217					
927		sand	1217	1245					
931		shale	1245		Riverton coal				
937	958	sand	1246	1257					MENTIAL
		oil odor	1257		Mississippi chat				ONFIDENTIAL
939		oil show	1262	1305	Mississippi lime				ADD 1 1 2008
958		sandy shale	1305		Total Depth				APR 0 1 2008
960		sand							KCC
967		shale							MOG
974		sand							
978		sandy shale							
992		Bevier coal							
993									
1003									
1004		Crowburg coal							
1005									
1009		sandy shale							
1031					×				
1047		Flemming coal							
1048		shale						***	
1063		Mineral coal							
1064	1071								
1071		Scammon coal							
1072	1078								
1078	1090	<del></del>							
	4.46.5	oil odor							
1090	1100	shale							

Notes: CW-155

08LG=032508=R1=010=Shay/A=2=GWLLLG=GW=155

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page)3	A-2	Well#	ay,	me:	Lease Na	Weilsiulo	Operator:(Cherokee)
				[ests]	(Gas)	<b>全</b> 对各代原生。	
			floweMCF	Orfice 1	Inches	Depth	
				No Flow		555	
				No Flow		580	
				No Flow		705	
			7.98	3/8"	5	805	
			8.74	3/8"	6	830	
			me	Check S	Gas	855	
			me	Check S	Gas	870	
			5.05	3/8"	2	880	Ī
			ne	Check S	Gas	910	
				Trace		925	
			ne	Check S	Gas	1005	
			me	Check S	Gas	1055	
			ne	Check S	Gas	1066	
			7.14	3/8"	4	1080	
			ne	Check S	Gas	1105	
			me	Check S	Gas	1110	
CONFIDENTI			me	Check S	Gas	1125	
COMLIDEIA			ne	Check S	Gas	1220	
APR 0 1 200			10.1	3/8"	8	1255	
FW **			ne	Check S	Gas	1305	
KCC							i
110							I
							•
						ter	

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CONSERVATION DIVISION WICHITA, KS

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

TICKET NUM	BER 13805
LOCATION_	Finels
FOREMAN	Trow Stridger

#### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNT
3-27-08	0886	Shay A-2					witer
CUSTOMER							
Dame	rtic Ene	my Portners		TRUCK#	DRIVER	TRUCK#	DRIVER
IAILING ADDR			]	520	CX: GF		
4916	Camp B	onie suite 200		502	Phillip		
ITY		STATE ZIP CODE					
Fort w	arth	75 76107				<u> </u>	1
OB TYPE	enstar	HOLE SIZE 19 34	HOLE DEPTH	1305'	CASING SIZE & V	/EIGHT <u>4条</u> *	105
ASING DEPTH	1295	DRILL PIPE	_TUBING			OTHER	
LURRY WEIG		SLURRY VOL 42 PLI	WATER galls	k 8.0	CEMENT LEFT in	CASING O'	
	T 20.875	DISPLACEMENT PSI 700	MIX PSI_120	CA CA CE	RATE		
REMARKS:	Safet Mee	trail Rig wa to			k Circulati	m ~/ 6	stor.
Puna 1	Isk Gel-	Flush 100hi hada	- 10 Bb	i Dye.	Mixed 1	40114 T	hickset
Cement	4	101-5a1 @ 13.	20 logh.	ubsh	out Prom	1 + lines	
Release			20.5 B	s/ mader	Final	Proping	Ocelow
700 PS			)O w	-	c Roles	Preto	76.
a .				c = 7841		00	
F/Rat_	Mold G	ood Coment t	C) POST HINE	- NAI	Tak	Coraldo.	
			<u> </u>		- Jub		- And the Party

		- CATIAL		
ACCOUNT CODE	QUANTITY OF UNITS	DESCRIPTION OF SERVICES OF TOPICS APR 8 1 2008	UNIT PRICE	TOTAL
5401	l l	IPUMP CHARGE	875.00	872560
SYOL	40	MILEAGE KCC	3.45	139,00
1126A	140:4:	Thick Sat Comeat	1620	2243,00
1110A	7 <i>0</i> 5 <sup>tt</sup>	Thick Sof Concort Kol-Soal 80 Pyra	.400	980.00
IIIRA	Zon <sup>a</sup>	Gel-Flush	.160	32.∞
5407		Ton -mi lage	MIR	,F90. ∞
4404		4K° Top Ruster Phy	4200	42.00
		RECEIVED RECEIVED RANSAS CORPORATION COMM	SHOW	
		ADR U 3 LOS	l	
		CONSERVATION DIVIS		
		That in	Sent late	3935 CC
		6.83	SALES TAX ESTIMATED	165.19
		880909	ESTEMATED	40000

AUTHORIZATION Called by Tylor Loth TITLE Co-RA