## CONFIDENTIAL

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

4/01/10

Form ACO-1 September 1999 Form Must Be Typed

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

AMENISED

	1111010120
Operator: License # 33539	API No. 15 - 205-27346-0000
Name: Cherokee Wells, LLC.	County: Wilson
Address: P.O. Box 296	CE2NESE_Sec19_ Twp27_ S. R15_
City/State/Zip: Fredonia, KS 66736	1980 feet from N (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline	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: 33072	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A	Producing Formation: See perf. record
Designate Type of Completion:	Elevation: Ground: 887.5' Kelly Bushing: N/A
✓ New Well Re-Entry Workover	Total Depth: 1305' Plug Back Total Depth: 1294'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 31'7" Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
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:	The same and the same an
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AIT TNO 7-14-09 (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:
3/21/08 3/25/08 4/12/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover 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.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-nd geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Mana Pal	, , , , , , , , , , , , , , , , , , ,
Signature.	KCC Office Use ONLY
Title: Administrative Assistant Date: 6/18/08	Letter of Confidentiality Received
Subscribed and awarn to before me this X day of X 18	5. LYB
20 08	Wireline Log Received RECEIVED RECEIVED WIRELING RECEIVED
this Amore	PUBLIC Geologist Report Received
Notary Public: My	Appt. Exp. Tulc Distribution JUL 0 3 2008
Date Commission Expires: 2012	CONSERVATION DIVISION
anning.	OF KANNING WICHITA, KS

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Operator Name: Cherokee Wells, LLC.			Lease Name: Shay			Well #: A-2			
	S. R. 15	✓ East	County:	Wilson					
tested, time tool ope temperature, fluid re	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 shu along with fir	ut-in pre	ssure reached	static level, hydro	static pressure	es, bottom hole	
Drill Stem Tests Taken			✓ Log Formation (Top)		ion (Top), Depth a	epth and Datum Sample			
Samples Sent to Geological Survey		Yes No		Name	•		Тор	Datum	
Cores Taken		☐ Yes 🗸 No		Driller	s Log-Previou	sly Submitted			
Electric Log Run (Submit Copy)		✓ Yes No						RECEIVED DRPORATION COMMISS	
List All E. Logs Run:							KANSAS CC	DRPORATION COMMISS	
	- 3	Density/Neutron	1.9g -					JL 0 3 2008 SERVATION DIVISION WICHITA, KS	
		CASING Report all strings set-	RECORD	✓ Ne	_	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigl	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	CEMENITIN	IC / SOL	EEZE DECOR				
Purpose: Perforate	Depth Top Bottom	Type of Cement	ADDITIONAL CEMENTING / pe of Cement #Sacks Used			Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone									
Shots Per Foot	PERFORATI	ON RECORD - Bridge Plu	gs Set/Type		Acid, Fra	acture, Shot, Cement	Squeeze Recor		
4	Specify Footage of Each Interval Perforated  Hushpuckney 565-566.5				(Amount and Kind of Material Used)  Depth  Hushpuckney Sand Frac: 4050# 16/30 Sand				
4	Mulberry 825.5-826.5'				Mulberry Sand Frac: 2300# 16/30 Sand				
4	Summit 905-906.5'; Mulky 918-920.5'				Summit/Mulky Sand Frac: 13800# 16/30 Sand				
4	Croweburg 1005-1008'				Croweburg Sand Frac: 4200# 16/30 Sand				
4	Mineral 1073.5-1074.5'; Scammon 1104.5-1105.5'				Mineral Sand Frac: 2250# 16/30 Sand; Scammon Sand Frac; 1600# 16/30 Sand				
TUBING RECORD	Size	Set At	Packer At		Liner Run	✓ Yes			
Date of First, Resumer	rd Production, SWD or E	nhr. Producing Met	thod	Flowing	✓ Pump	ing Gas Lif	t Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate 50-75	r I	3bls. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF COMPLETION Production Interval								
Vented ✓ Sold (If vented, Sold	Used on Lease	Open Hole	✓ Perf.	D	ually Comp.	Commingled			