

# Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

Form ACO-1 October 2008 Form Must Be Typed

12/10/10

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

Name:Cherokee Wells, LLC  Address 1: _P.O. Box 296  Address 2: _1033 Fillmore  City: _Fredonia	API No. 15 - 205-27585-0000  Spot Description: C-SW-SW-NW  C _ SW _ SW _ NW _ Sec. 30 _ Twp. 27 _ S. R 15 _
Address 1: _P.O. Box 296  Address 2: _1033 Fillmore  City: Fredonia	Cswswnwsec. 30 _ Twp. 27_s. R15_
Address 2: 1033 Fillmore  City: Fredonia State: KS Zip: 66736  Contact Person: Emily Lybarger  Phone: (620 ) 378-3650  CONTRACTOR: License # 5675  Name: McPherson Drilling  Wellsite Geologist: N/A  Purchaser: Southeastern Kansas Pipeline  Designate Type of Completion:  New Well Re-Entry Workover  Oil SWD SIOW  Gas ENHR SIGW  CM (Coal Bed Methane) Temp. Abd.  Dry Other  (Core, WSW, Expl., Cathodic, etc.)  If Workover/Re-entry: Old Well Info as follows:  Operator:  Well Name:  Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to Enhr. Conv. to SWD  Plug Back: Plug Back Total Depth  Commingled Docket No.:	Feet from North / South Line of Section  330
City: Fredonia State: KS Zip: 66736  Contact Person: Emily Lybarger Phone: ( 620 ) 378-3650  CONTRACTOR: License # 5675  Name: McPherson Drilling  Wellsite Geologist: M/A  Purchaser: Southeastern Kansas Pipeline  Designate Type of Completion:  V New Well Re-Entry Workover  Oil SWD SIOW  V Gas ENHR SIGW  — CM (Coal Bed Methane) Temp. Abd.  — Dry Other  (Core, WSW, Expl., Cathodic, etc.)  If Workover/Re-entry: Old Well Info as follows:  Operator: Well Name:  Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to Enhr. Conv. to SWD  Plug Back: Plug Back Total Depth  Commingled Docket No.:	Feet from East / West Line of Section  Footages Calculated from Nearest Outside Section Corner:  NE NW SE SW  County: Wilson  Lease Name: R. Timmons Well #: A-11  Field Name: Cherokee Basin Coal Gas Area  Producing Formation: Unknown  Elevation: Ground: 837' Kelly Bushing: N/A  Total Depth: 1305' Plug Back Total Depth: N/A  Amount of Surface Pipe Set and Cemented at: 58.5' Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: bottom casing  feet depth to: Surface W/ 140 sx cmt.  Prilling Fluid Management Plan  (Data must be collected from the Reserve Pit)  Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Contact Person:Emily Lybarger Phone: ( 620 ) 378-3650  CONTRACTOR: License # 5675  Name:McPherson Drilling  Wellsite Geologist: M/A  Purchaser: _Southeastern Kansas Pipeline  Designate Type of Completion:  New Well Re-Entry Workover  Oil SWD SIGW  Gas ENHR SIGW  CM (Coal Bed Methane) Temp. Abd.  Dry Other (Core, WSW, Expl., Cathodic, etc.)  If Workover/Re-entry: Old Well Info as follows:  Operator: Well Name: Original Total Depth: Deepening Re-perf Conv. to Enhr Conv. to SWD Plug Back: Plug Back Total Depth	Footages Calculated from Nearest Outside Section Corner:  NE NW SE SW  County: Wilson  Lease Name: R. Timmons Well #: A-11  Field Name: Cherokee Basin Coal Gas Area  Producing Formation: Unknown  Elevation: Ground: 837' Kelly Bushing: N/A  Total Depth: 1305' Plug Back Total Depth: N/A  Amount of Surface Pipe Set and Cemented at: 58.5' Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: bottom casing  feet depth to: Surface W/ 140 sx cmt.  Drilling Fluid Management Plan  (Data must be collected from the Reserve Pit)  Chloride content: ppm Fluid volume: bbls  Dewatering method used:
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OilSWDSIOW GasENHRSIGWCM (Coal Bed Methane)Temp. AbdDryOther(Core, WSW, Expl., Cathodic, etc.)  If Workover/Re-entry: Old Well Info as follows:  Operator:  Well Name: Original Comp. Date:Original Total Depth: DeepeningRe-perfConv. to EnhrConv. to SWD Plug Back:Plug Back Total Depth Commingled Docket No.:	Amount of Surface Pipe Set and Cemented at:
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If Workover/Re-entry: Old Well Info as follows:  Operator:	feet depth to: surface w/ 140 sx cmt.  A   A   A   A   A   A   A   A   A   A
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Deepening Re-perf Conv. to Enhr Conv. to SWD Plug Back: Plug Back Total Depth Commingled Docket No.:	Dewatering method used:
Plug Back:Plug Back Total Depth Commingled Docket No.:	•
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion Docker No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
11/7/08 11/11/08	Quarter Sec Twp S. R
Spud Date or Recompletion Date  Date Reached TD  Completion Date or 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 or conv of side two of this form will be held confidential for a period of 12 months if reque tiality in excess of 12 months). One copy of all wireline logs and geologist well rebe ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	version of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information sted in writing and submitted with the form (see rule 82-3-107 for confidence of shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge.	
Signature: Administrative Assistant 12/10/08	KCC Office Use ONLY
Title: Administrative Assistant Date: 12/10/08	Letter of Confidentiality Received
Subscribed and sworn to before me this day of	If Denied, Yes Date:
20 <u>08</u> NOTARY	Wireline Log Received RECEIVED  Geologist Report Received KANSAS CORPORATION COMMISS
And Photosic E PUBLIC	Geologist Report Receive KANSAS CORPORATION COMMISS
Notary Public: /// // // // // // // My Appt. Expires: //// // // // // // // // // // // //	XP.: UIC Distribution DFC 1 2 2008
	CONSERVATION DIVISION

### Side Two

Operator Name: Cherc	kee Wells, LLC		Lease l	Name: _F	R. Timmons		Well #: _A-11	
Sec30 Twp27			County	Wilso	n			
ime tool open and close	ed, flowing and shu if gas to surface te	d base of formations per t-in pressures, whether s st, along with final chart eport.	shut-in press	sure read	hed static level,	hydrostatic (	oressures, bottom ho	ole temperature, fluid
Orill Stem Tests Taken (Attach Additional Sh	eets)	☐ Yes 📝 No		<b>√</b> Lo	og Formatio	n (Top), Dep	th and Datum	Sample
Samples Sent to Geolog	gical Survey	☐ Yes 🗸 No		Name Driller	e rs Log - Enclose	ed	Тор	Datum
Cores Taken (lectric Log Run (Submit Copy)	\	Yes No					KC	C anna
ist All E. Logs Run: High Resolutio Log, Dual Indu	•	ited Density/Neu	itron				CONFIL DEC 1 0	ENTIAL
		CASING	RECORD	✓ Ne	w Used			
Purpose of String	Size Hole Drilled	Report all strings set- Size Casing Set (In O.D.)	Conductor, su Weig Lbs.	ght	ermediate, product Setting Depth	ion, etc. Type of Cemen		Type and Percent Additives
Surface	11"	8 5/8"	20#		58.5'	Portland	N/A	
Longstring	6 3/4"	4 1/2"	10.5#		1295'	Thickset	140	
		ADDITIONA	L CENTENTIA	NC / SOL	ICEZE DECORD			
Purpose:  — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks		EEZE RECORD		and Percent Additives	
Shots Per Foot		ON RECORD - Bridge Plu Footage of Each Interval Pe					ement Squeeze Record of Material Used)	l Depth
N/A I	N/A				N/A			N/A
							KANSAS C	RECEIVED COMMIS
						· · · · · · · · · · · · · · · · · · ·		EC 1 2 2008
TUBING RECORD:	Size:	Set At:	Packer A	t:	Liner Run:	Yes [	] No COI	NSERVATION DIVISION WICHITA, KS
Date of First, Resumed P	roduction, SWD or En	hr. Producing Met	_	Flowing	g Pumpi	ng 🔲 G	as Lift Othe	r (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITION  Vented Sold  (If vented, Subm	Used on Lease		METHOD OF		_	mmingled	PRODUCTIO	N INTERVAL:

# McPherson Drilling LLC Drillers Log



Operator: CHEROKEE WELLS LLC #33539

Address: P.O. BOX 296

FREDONIA KS 66738

Well No: A-11 Lease Name: R. TIMMONS

Footage Location: 2310 ft. from the NORTH Line

330 ft. from the WEST Line

Drilling Contractor: McPherson Drilling LLC

Spud date: .11/07/2008 Geologist:

Date Completed: .11/11/2008 Total Depth: 1305

Casing Record			Rig Time:		
	Surface	Production	2.25	HR(S) GAS TEST	
Size Hole:	11"	6 3/4"	1.00	DAY BOOSTER	N/
Size Casing:	8 5/8"		1.50	WATER HAUL TRUCK	
Weight:	20#				ı
Setting Depth:	58.5'	CHEROKEE			
Type Cement:	Portland				l
Sacks:		CONSOLIDATED	DRILLER:	DEVIN WINDSOR	

Gas Tests:		
503	0.00	MCF
571	SLGHT BLW	MCF
824	- 15.7	MCF
852	15.7	MCF
902	20.7	MCF
916	34.0	MCF
1005	15.7	MCF
1045	15.7	MCF
1107	15.7	MCF

Comments:

Start injecting @

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
clay	0	41	oswego	851	896			
sandy shale	41	43	summit	896	900			
river gravel	43	44	lime	900	909			
lime	44	51	mulky	909	915			
shale	51	72	lime	915	921		KCC EC 1021 ONFIDE	)
lime	72	103	sand	921	932	·	Mose	, ලම
shale	103	182	sandy shale	932	981		EC 1 0 21	
lime	182	201	shale	981	1000	<u>U</u>		MILLIAM
shale	201	261	black shale	1000	1001	C	OM LIDE	<b>,</b>
lime	261	312	shale	1001	1042			
shale	312	375	black shale	1042	1044			
time	375	387	shale	1044	1104			
shale	387	404	black shale	1104	1106			
lime	404	498	shale	1106	1251			
black shale	498	501	Mississippi	1251	1305	ĺ		
lime	501	565						
black shale /coal	565	569					ECEIVED	
lime	569	616					RPORATION CO	
sandy shale	616	625				ar-	e 1 9 000	
shale	625	687				UE	C 1 2 200	8
lime	687	822				CONS	RVATION DIVI	SION
black shale	822	823					WICHITA, KS	
lime	823	850						
coal	850	851						





20413 FOREMAN Toy States

LA31_0216 ^	nanute, KS 66720 or 800-467-8676		CEME	PE I			
DATE	CUSTOMER#	WELL NAME		SECTION	TOWNSHIP	RANGE	COUNTY
1-12-08	2890 R.	Timmons A	\-II				Wiles
STOMER	Δ			TRUCK#	DRIVER	TRUCK	DRIVER
LING ADDRE	hic Energy He	<u>lanti</u>		250	Cliff	·/too/t#	D*****
	Camp Bowie	Suite 200	<b>!</b> ;	212	John		
<u>4416 (</u>	amp nowie	ATE ZIP CO	ŌE .	436	Chas		
		TX 761		437	Jenia		
Fort Word		LE SIZE 63/4°		TH /305'	CASING SIZE &	WEIGHT 4%	10.5°
SING DEPTH		ILL PIPE	TUBING		,	OTHER	
URRY WEIGH		URRY VOL 4264		utsk <i>E</i> *	CEMENT LEFT IN	CASING 0'	
PLACEMENT		PLACEMENT PSI_6		100 Ayly	RATE		<u> </u>
	64 Mecha			Parry. Break	Circulation	. m/ 85	4 hat
luno 6	f			_:			Thick
coment	w/ 5* Kol-		"/mi. wash		o tlines		A.
i make	w/ 20.6 Bbl		nal Auro				A to
			lear Press			ood Gran	and t
	fece = 686		o Pit.			246	<b>(</b> *
TO SEV	+=CP	5 3149 7		in plate		NO	O
		<del></del>				DEC 10	2008
						CONFID	ential
						COMPIN	
ACCOUNT	QUANITY or	UNITS	DESCRIPTION	of SERVICES or P	RODUCT	UNIT PRICE	TOTAL
540 I	1	PUMP	CHARGE			9360	745.00
C404	40	MILEA	GE	200	f2mely	NA	M/C
						<u> </u>	
11264	NOY!	s Th	ick set Ci	ement		17.00	2380
11104	700 +						
1114-1			* Kot Sey 1	1	AFAFIVEA-	. 42	294.0
			Kot Sed /	(sr	RECEIVED ORPORATION COMMIS		294.0
1118 A	. Rigo M		Kot Sed /	KANSAS C	ORPORATION COMMIS		
[II8A	,300 M			KANSAS C	ORPORATION COMMIS	E ON	
	,300 M	G	el-Fiys	KANSAS C	ORPORATION COMMIS	./7	V.( - 00
	300 M	G		KANSAS C	ORPORATION COMMIS	./7	V.V. 000
5407		G 76	el-Flys	KANSAS C	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	.17 .17	√1.00 314.00
(40) (102C	460.	G 70	el-Flys on - Milra OBU Vec	KANSAS C EJE CON Track	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	17 m/L 100.55	311.00 314.00
(40) (102C		G 70	el-Flys on - Milra OBU Vec	KANSAS C	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	.17 .17	314.00 314.00
(40)	Yha. Yha	G 76	el-Flys  on - Milra  obli Vac  obli Vac	KANSAS C KANSAS C CON Track Track	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	// // // // // // // // // // // // //	311.00 311.00 400.00
(40) (40)	460.	G 76	el-Flys  on - Milra  obli Vac  obli Vac	KANSAS C EJE CON Track	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	17 m/L 100.55	311.00 314.00
(40) (102C	Yha. Yha	G 76	el-Flys  on - Milra  obli Vac  obli Vac	KANSAS C KANSAS C CON Track Track	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	// // // // // // // // // // // // //	311.00 311.00 400.00
///8/A (40) (102C (102C (102C (40Y	Yha. Yha	G 76	el-Flys  on - Milter  or Vac  oscil Vac	KANSAS CONTINCE  Time to the Phy	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	// // // // // // // // // // // // //	311.00 311.00 400.00
(40) (60)	Yha. Yha	G 76	el-Flys  on - Milter  or Vac  oscil Vac	KANSAS CONTINCE  Time to the Phy	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION		311.00 311.00 400.00 400.00
(40) (60)	Yha. Yha	G 76	el-Flys  on - Milter  or Vac  oscil Vac	KANSAS CONTINCE  Time to the Phy	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	// // // // // // // // // // // // //	299.00 311.00 400.00 400.00
(40)	Yha. Yha	G 76	el-Flys  on - Milra  obli Vac  obli Vac	KANSAS CONTINCE  Time to the Phy	ORPORATION COMMISSION  EC 1 2 2008  ISERVATION DIVISION	17 ./7 ./7 ./7 ./7 ./7 ./2 ./2 ./2 ./2 ./2 ./2 ./2 ./2 ./2 ./2	\$14.00 \$14.00 \$150.00 \$40.00