

ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

Operator: License # 33539	API No. 15 - 205-27577-0000
Name: Cherokee Wells, LLC	County: Wilson
Address: P.O. Box 296	C -NW - SW - Sec. 13 Twp. 27 S. R. 14 🗸 East 🗌 West
City/State/Zip: Fredonia, KS 66736	1980 feet from S/ N (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline	660 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: McPherson Drilling	Lease Name: Duckworth Well #: A-3
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A SEF 2 5 2000	Producing Formation: Unknown
Designate Type of Completion:	Elevation: Ground: 845' Kelly Bushing: N/A
New Well Re-Entry Workover	Total Depth: 1350' Plug Back Total Depth: N/A
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 40' 2" 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 surface
Operator:	feet depth to bottom casing w/ 140 sx cmt.
Well Name:	Drilling Fluid Management Plan Alt II Nuc 1 - 02-09
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Alt II Nac 1 - 02-09 (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	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
8/18/08 8/20/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worko 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 log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well	
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
Signature: Starry All	KCC Office Use ONLY
Title: Administrative Assistant Date: 9/25/08 Date: 9/25/08	Letter of Confidentiality Received
Subscribed and sworn to before me this	If Denied, Yes Date:
20 08 4 1 PU	TARY Wireline Log Received RECEIVED Geologist Report Received ANSAS CORPORATION COMMISS
t mile Surroral My A	JBLIC Geologist Report Received RECEIVED PPt. Exp. Support Received RANSAS CORPORATION COMMISS
Notary Public:	112012
Date Commission Expires 2 10 100	OCT 0 1 2008
"Marian	CONSERVATION DIVISION

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Operator Name: Cherokee Wells, LLC							Well #: A-3		
Sec13 Twp27S. R14			Vest C	ounty: Wilson	n				
ested, time tool ope emperature, fluid re	how important tops a n and closed, flowing covery, and flow rate is surveyed. Attach f	g and shut-in pres s if gas to surface	ssures, whethe test, along v	ner shut-in pro with final cha	essure reache	d static level, hydr	rostatic pressure	es, bottom hole	
Drill Stem Tests Take		☐ Yes 🗸	No	[V]	.og Form	ation (Top), Depth	and Datum	Sample	
Samples Sent to Geological Survey ☐ Yes ✓ No				Nan Drille	ne ers Log Enclos	sed	Тор	Datum	
Cores Taken Electric Log Run (Submit Copy)			Ŋo No		·				
List All E. Logs Run:				į	COM	EMENTA		ECEIVED PORATION COMMISSIO	
High Resoluti Log, Dual Ind	on Compensa uction Log	ted Density	/Neutron			P 25 2001	0 C1	0 1 2003	
O.	•					KCC.		RVATION DIVISION /IGHITA, KS	
			CASING RECO	_	ew Used ermediate, prod	uction etc		nonna, ka	
Purpose of String	Size Hole	Size Casin	g	Weight	Setting	Type of	# Sacks Used	Type and Percent Additives	
Surface	Drilled	Set (In O.D	18#	Lbs. / Ft.	Depth 40' 2"	Portland	8	Additives	
Longstring	6 3/4"	4 1/2"	10.5	5#	1340'	Thickset	140		
		ADD	ITIONAL CEM	ENTING / SO	UEEZE RECO	BD			
Purpose: Depth Ty Perforate Top Bottom Protect Casing Plug Back TD		Type of Cem					Percent Additives		
Plug Off Zone									
Shots Per Foot		ON RECORD - Br Footage of Each Int			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
N/A	N/A				N/A			N/A	
TUBING RECORD	Size	Set At	Pa	icker At	Liner Run	Yes N	o		
Date of First, Resume	rd Production, SWD or E	Enhr. Produ	icing Method	Flowin	ng Pun	nping Gas L	.ift Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF (COMPLETION			Production In	terval			
Vented Sold	Used on Lease		en Hole	Perf.	Dually Comp.	Commingled			

McPherson Drilling LLC Drillers Log

Rig Numbe	er:	3	_	S. 13	T. 27	R. 14E
API No.	15-	205-27577		County:	WILSON	
		Elev.	845	Location:	C NW SW	

Operator: CHEROKEE WELLS LLC Address: P.O. BOX 296 FREDONIA KS 66738 Well No: A-3 Lease Name: **DUCKWORTH** Footage Location: 1980 ft. from the SOUTH Line 660 ft. from the WEST Line Drilling Contractor: **McPherson Drilling LLC** Spud date: .08/18/2008 Geologist: Date Completed: .08/20/2008 Total Depth: 1350

Casing Record			Rig Time:	
	Surface	Production	2.50	HRS GAS TEST
Size Hole:	11"	6 3/4"	1.00	DAY BOOSTER
Size Casing:	8 5/8"		1.50	WATER HAUL TRUCK
Weight:	18#	į .		TWO THOOM
Setting Depth:	40.2'	CHEROKEE		
Type Cement:	Portland			
Sacks:	8	MCPHERSON	DRILLER:	DEVIN WINDSOR

Gas Tests:		
503	0.00	MCF
546	SLGHT BL	w MCF
574	SLGHT BL	w MCF
675	2.96	MCF
884	2.96	MCF
904	2.96	MCF
989	2.96	MCF
1104	6.39	MCF
1246	SLGHT BL	w MCF
1350	2.96	MCF
Comments: WAIT ON LOCA	TION	2.00 HRS
Start injecting	H2O @	656

N/C

Well Log										
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.		
soil	0	16	coal	840	842		' '			
sand shale	16	28	shale	842	868					
shale	28	33	lime	868	878					
lime	33	43	coal	878	881	07 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EXVESTE			
shale	43	102	lime	881	894					
lime	102	158	coal	894	896	SEP				
shale	158	313	shale	896	923	1112	10×0×			
lime	313	363	lime	923	937	ij				
shale	363	457	shale	937	985					
ime	457	467	coal	985	987					
shale	467	502	shale	987	1093					
coal	502	503	black shale	1093	1098	ł				
ime	503	541	shale	1098	1240	1				
coal	541	546	coal	1240	1242					
shale	546	568	shale	1242	1300					
olack shale	568	570	Mississippi lime	1300	1350 TD					
ime	570	584		,,,,,	1000 15					
shale	584	603				1				
ime	603	613					RECEIV	(FD		
shale	613	671				KANSA	S CORPORATIO	ed N Commissii		
coal	671	673								
ime	673	681					OCT 0 1	2008		
sand	681	738	j			C	ONSERVATION	DIVISION		
shale	738	840					WICHITA,	(S		



19224 TICKET NUMBER LOCATION EUREKA FOREMAN KEUN MCCOY

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT COUNTY WELL NAME & NUMBER SECTION TOWNSHIP RANGE DATE **CUSTOMER#** WHEAN DUKKWORTH 8-21-08 2890 CUSTOMER DRIVER TRUCK# Domestic Energy Partners
MAILING ADDRESS TRUCK # DRIVER Justin 445 Phillip 502 4916 GAMO BOOKE ZIP CODE Chais 436 76107 FORTWORTH び CASING SIZE & WEIGHT 4% 10.5 Wew HOLE DEPTH 1350 63/ HOLE SIZE JOB TYPE LONGSTRING OTHER CASING DEPTH 1340 TUBING_ **DRILL PIPE** WATER gal/sk 8.0 CEMENT LEFT in CASING 0 SLURRY WEIGHT 13.4 SLURRY VOL 42 BLL DISPLACEMENT 21.3 86L PSI 1100 Bump Plug DISPLACEMENT PSI 600 41/2 CASMO. BARAK CIACULATION W/ 25 BLL WATER SPACER 13 BLL Dye WATER, 10 BL Set Coment w/ 5 * Kol-Seal 15k @ 13.4 4/ gal yield 1.69. WASH out Pump & Lines. down. Release Plug. Displace of 21.3 Obi Fresh water. Final Pumpone 2 manufes. Release Messure, Float Hold. Shut Come in. Good Coment Returns to SURFACE = 9 BOL Slurry to Pit. Job Complete. Rig de

vin 3737		MINGS		ESTHATED	4775.16
		THANK YOU	6.3%	SALES TAX	177.16
				Sub Total	4598.00
			111000		The second section is a second section of the second section of the second section is a second section of the section of the second section of the sec
4404		4 1/2 Top Rubber Plug	KCC	45.00	45.00
	7/155	•	SEP 2 5 200		
1123	3000 gALS	City water	COMPIDENT	14.00/1000	₩. oo
5502 C	4 HRS	80 BEL VAC TRUCK	The second of the second	100-00	400.00
5407	7.7 TONS	TON MILERAGE BULL TRUCK		ME	3/5.00
1118 A	300 #	Gel flush		.17 *	5/.00
1110 A	700 #	Kol-Seal 5 1/5K		.44	294.00
1126 A	140 Sks	THICK SET CEMENT		17.00	2360.00
5406	40	MILEAGE		3.65	146.00
5401	,	PUMP CHARGE		925.00	275.00
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES of	UNIT PRICE	TOTAL.	

AUTHORIZTION CALLED BY TYPER

TITLE

RECEIVED KANSAS CORPORATION COMMISSIO PATE