CONFIDENTIAL

KANSAS CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION

Form Must Be Typed

September 1999

WICHITA, KS

ORIGINAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33539	API No. 15 - 205-27628-0000
Name: Cherokee Wells, LLC	County: Wilson
Address: P.O. Box 296	
City/State/Zip: Fredonia, KS 66736	660 feet from S (N) (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline	860 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 (W) SW
Contractor: Name: McPherson Drilling	Lease Name: H. Eck Well #: A-4
License: 5675 SEP 1 5 2008	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A	Producing Formation: Unknown
Designate Type of Completion:	Elevation: Ground: 1017' Kelly Bushing: N/A
New Well Re-Entry Workover	Total Depth: 1505 Plug Back Total Depth: N/A
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 43' 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/_155 sx cmt.
Well Name:	MYT AU ON
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan All All Officers (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
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:
8/25/08 8/27/08	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, wo Information of side two of this form will be held confidential for a period	d with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, brkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. d of 12 months if requested in writing and submitted with the form (see rule 82-3-109s and geologist well report shall be attached with this form. ALL CEMENTING wells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to repering are complete and correct to the best of my knowledge. Signature:	egulate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY
Title: Administrative Assistant Date: 9/15/08	Letter of Confidentiality Received
15 Saguas	If Denied, Yes Date:
	10,3/
20 <u>CS</u> . From ()	PUBLIC See Goologiet Bonort Bosolyand RECEIVED
Notary Public: My Court Public:	My Appt. Exp. UIC Distribution KANSAS CORPORATION COMMISSION
Date Commission Expires: 2121 (2012	OCT 0 1 2008
	CONSERVATION DIVISION

Operator Name: Che	rokee Wells, LLC			Lease	e Name: H.	Eck		Well #: _A-4_		
ec. 25 Twp. 27		✓ East	West	Count	ty: Wilson					
NSTRUCTIONS: Shested, time tool oper emperature, fluid rec dectric Wireline Logs	and closed, flowin overy, and flow rate	g and shut-in es if gas to su	pressures, v Irface test, al	whether s ong with	hut-in pres	sure reached:	static level, hydi	rostatic pressure	es, botto	m hole
Orill Stem Tests Take		☐ Yes	✓ No		√ Log	g Formation	on (Top), Depth			Sample
Samples Sent to Geo	logical Survey	Yes	✓ No		Name Drillers	Log Enclose	d	Тор		Datum
Cores Taken Electric Log Run (Submit Copy)	,	☐ Yes ✓ Yes	✓ No ☐ No			·				
ist All E. Logs Run:										
High Resolution Log, Dual Indu		ited Dens	sity/Neutr	ron						
		Panort a	CASING I		_	Used mediate, produc	tion etc			
Purpose of String	Size Hole Drilled	Size (Casing n O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
Surface	11"	8 5/8"		18#	4	13'	Portland	8		
Longstring	6 3/4"	4 1/2"		10.5#		1494'	Thickset	155		
		,	ADDITIONAL CEMENTING / SQU			EZE RECORD			·	
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of	Cement	#Sack	s Used		Type and	Percent Additives		
Plug Back TD Plug Off Zone										
					!					
Shots Per Foot		ION RECORD			ė		cture, Shot, Ceme		rd	Depth
N/A	N/A	rootage of Lat	Un interval Feri	lorated	·	N/A	TOUR AND KING OF	naterial ossay		N/A
							CONTRI	WEW.		
							<u>877 9</u>	2003 KANSA	RE S CORPO	CEIVED RATION COMM
			***************************************				KC	,C .	OCT	0 1 2008
TUBING RECORD	Size	Set At		Packer	At	Liner Run	Yes N	o Ci	ONSERVA	TION DIVISION
Date of First, Resumer	Production, SWD or	Enhr. F	Producing Meth	nod	Flowing	Pumpi	ng Gas t		er (Explai	THA, KS
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	В	Bbis.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETION		I		Production Inter	rval			
Vented Sold	Used on Lease		Open Hole	Per	rf. 🔲 Du	ally Comp.	Commingled		· · · · · ·	



AUTHORIZTION CALLED BY TY/ER



TICKET NUMBER 19319

LOCATION EUROKA

FOREMAN KEUN MCCoy

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL	. NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-28-0R	2890	DEP H.	ECK A-	4				WILSON
CUSTOMER	MER Domestic Engagy Partners Gus TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER TRUCK# DRIVER Rig 1 502 Phillip TX 76/07 PE Longstring HOLE SIZE 63/4 HOLE DEPTH /505' CASING SIZE & WEIGHT 46 10.5° NOW DEPTH /494' DRILL PIPE TUBING OTHER WEIGHT 13.4" SLURRY VOL 47 BbL WATER Gallak 8.0 CEMENT LEFT IN CASING 0' WEIGHT 13.4" SLURRY VOL 47 BbL WATER Gallak 8.0 CEMENT LEFT IN CASING 0' WEIGHT 13.4" SLURRY VOL 47 BbL WATER Gallak 8.0 CEMENT LEFT IN CASING 0' WEIGHT 13.4" SLURRY VOL 47 BbL WATER Gallak 8.0 CEMENT LEFT IN CASING 0' WEIGHT 13.4" SROPK CIRCULATION WITH 150 MINISTER REST WATER SCA. 13 BbL Dye water. Shut down. Rig up Cement Head. Mixed 155 sks Trick Set East w/ 5" Kol-Seal /5K @ 13.4" /5ML yield 1.69. Wash out Pamp & Lines, Shut down. RESE Phy. Displace of 23.6 BbL Fresh water. Final Pamping Pressure 600 PEI. Cond 1/100 PSI. WAIT 2 MINISTER. Release Pressure. float Held. Shut Casing IN @ 0 PSI. 600							
Domes	HIC ENERGY	, PARTNER.	<u> </u>	Gus	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS ''			Jones	445	Justin		
4916 C	amp Bowie	STE 200		Rig 1	502	Phillip		
CITY		STATE	ZIP CODE					
FORTWOA	th	Tx	76/07					
JOB TYPE LOA	igstring	HOLE SIZE 6	3/4	HOLE DEPT	H 1805	CASING SIZE & W	/EIGHT <u>*</u>	10.5 NOW
CASING DEPTH	DEP H. ECK A-4 ER DEP H. ECK A-4 ER DEP H. ECK A-4 GU DEP H. ECK A-4 GU JOHN ADDRESS STATE SIP CODE TWORTH TX 76/07 HOLL DEPTH /494' DRILL PIPE TUBE WEIGHT 13.4" SLURRY VOL 47 BBL WAT EMENT 23.6 BBL DISPLACEMENT PSI 600 BEIL Resh water. Wash down 60' 412 CAS Resh water. Shut down. Re Res Phy. Displace of 23.6 BBL fresh was NOO PSI. Wast 2 minutes. Release Pagesiu							
SLURRY WEIGH	IT /3.4 4	SLURRY VOL	17 BLL	WATER gal/	sk_ <i>8.°</i>	CEMENT LEFT in	CASING 0	
REMARKS: SA	Domestic Energy Partners Gus Truck # Driver Truck # Driver Jones 445 Justin 916 Camp Bowie Str 200 State ZIP CODE DAT WORth Tx 76107 TYPE Longstring HOLE SIZE 63/4 HOLE DEPTH 1505' CASING SIZE & WEIGHT 44 10.5° NEW NG DEPTH 1494' DRILL PIPE TUBING OTHER RY WEIGHT 13.4 SLURRY VOL 47 BbL WATER gallsk 8.0 CEMENT LEFT IN CASING 0' ACEMENT 23.6 BbL DISPLACEMENT PSI 600 MM PSI 1100 Bump Phug RATE LARKS: Sarety Meeting: Rig up to 41/2 Casing w/ wash Head. Break Circulation w/ 30 L Fresh water. Wash down 60' 41/2 Casing. Pump 6 sks Gel flush, 10 ml. water AGER. 13 Bbl Dye water. Shut down. Rig up Cement Head. MIXed 155 sks Truck Set Thent w/ 5° Kol-Seal / 5K @ 13.4 / 9AL yield 1.69. Wash out Pamp & Liver, Shut down. Elease Phug. Displace of 23.6 Bbl Fresh water. Final Pumping Pressur. 600 PSI. Good 1100 PSI. Wast 2 minutes. Releas. Pressure. Float Held. Shut Casing IN @ 0 PSI. Good							
BAL FROST	Domestic Engray Partners Gus Jones H916 Camp Bowie Ste 200 STATE ZIP CODE FORT worth Time Time Total The property STATE STATE ZIP CODE TOTAL							
SPACER.	13 BAL Dye	WAter. Si	hut down	- Rig up	Cement H	ad- Mixed	155 8KS 7	THICK SOT
Cement a	TRUCK # DRIVER TRUCK # DRIVER TRUCK # DRIVER Domestic Energy Pratners Ling Address Johns 445 Justin Rig 1 502 Phillip FORTWORTH TX 76/07 STATE ZIP CODE FORTWORTH TX 76/07 STYPE LONGSTRING HOLE SIZE 63/4 HOLE DEPTH 1805 CASING SIZE & WEIGHT 46.5 New SING DEPTH 1494 DRILL PIPE TUBING DIRRY WEIGHT 13.4 SLURRY VOL 47 BbL WATER gallek 8.0 CEMENT LEFT in CASING 0 WATER GALLER BROWN FOR THE BROWN FOR							
Release A	STOMER Domestic Energy Partners Alling Address 4916 Camp Bowie Ste 200 Fortworth Tx 76107 B Type Longstring HOLE SIZE 63/4 USING DEPTH /494' DRILL PIPE TUBING OTHER URRY WEIGHT /3.4" SLURRY VOL 47 BbC WATER gal/sk 8.0 TRUCK # DRIVER TRUCK							
to 1100	Domestic Engray Partners GADDRESS GADDRESS JONES JONES							
Cement	R8-08 2890 DEP H. ECK A-4 TOMER Domestic Engagy Partners ING ADDRESS V916 CAMP Bowie STR 200 STATE ZIP CODE TYPE Longstain; HOLE SIZE 63/4 HOLE SIZE 63/4 HOLE PPTH /494' DRILL PIPE TUBING PLACEMENT 23.6 BBL DISPLACEMENT PSI 600 WATER gallok 8.0 CEMENT LEFT in CASING O' PLACEMENT 23.6 BBL DISPLACEMENT PSI 600 WATER gallok 8.0 CEMENT LEFT in CASING O' CEMENT LEFT IN CASING O' WATER GALLOK 8.0 CEMENT LEFT IN CASING O' CEMENT LEFT IN CASING O' WATER GALLOK 8.0 CEMENT LEFT IN CASING O' CEMENT							
				:		•	•	

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL.
5401	1	PUMP CHARGE	925.00	985.00
5406	40	MILEAGE /5 Well of 2	3.48	146-00
1126 A	155 sks	THICK Set Coment	17.00	2635.00
1110 A	775 *	KOL-SOAL 5 */SK	-42	3.25.50
///8 A	300 [≠]	Gel flush	.17*	51.00
5407	8.53 TONS	TON MIKAGE BULK TRUCK	M/c	3/5.00
4404		4/2 Top Rubber Plug	45.00	45.00
		RECEIVED		
		KANSAS CORPORATION COMMISSION		
		@ED 1.3 7703 OCT 0 1 2008		The court of the c
		CONSERVATION DIVISION WICHITA, KS		
		(A) A	Sub Total	4442.50
		THANK You 6.3%	SALES TAX	192.57
vin 3737		-m 6050(e)	ESTIMATED TOTAL	4635.07

TITLE

McPherson Drilling LLC Drillers Log

Rig Number:	3		S. 25	T. 27 R. 13	E
API No. 15-	205-27628		County:	WILSON	
<u>L</u>	Elev.	1017	Location:	W2 E2 NW NW	

Operator:	CHER	OKEE WELLS LLC		*	
•					
Address:	P.O. B	OX 296			
•	FRED	ONIA KS 66738			
Well No:	A-4	ase Name:	H. ECK		
Footage Loc	Footage Location:		660 ft. from the		
		860	ft. from the	WEST	Line
Drilling Contr	actor:	McPherson Dr	illing LLC		
Spud date:		.08/25/2008	Geologist:		
Date Comple	ted:	.08/27/2008	Total Depth:	1505	

Casing Record			Rig Time:			
	Surface	Production	3.75	HRS GAS TEST	1	
Size Hole:	11"	6 3/4"	1.00	DAY BOOSTER	k	
Size Casing:	ዓ 5/8"		1.50	WATER HAUL TRUCK	l	
Weight:	18#	•			l	
Setting Depth:	43'	CHEROKEE			ı	
Type Cement:	Portland				ı	
Sacks:	8	MCPHERSON	DRILLER:	DEVIN WINDSOR	ı	

Gas Tests:		
416	0.00	MCF
653	0.00	MCF.
764	0.00	MCF
797	SLGHT BLW	MCF
833	SLGHT BLW	MCF
927	SLGHT BLW	MCF
976	SLGHT BLW	MCF
1103	2.76	MCF
1108	2.76	MCF
1138	2.76	MCF
1176	2.76	MCF
1216	3.39	MCF
1230	2.76	MCF
1296	2.76	MCF
1505	2.76	MCF
<u> </u>		
Comments:	y-	
Start injecting	@	

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	3	lime	814	823	black shale	1229	1235
sand	3	48	black shale	823	830	shale	1235	1260
shale	48	143	shale	830	842	coal	1260	1263
lime	143	160	lime	842	892	shale	1263	1332
shale	160	351	shale	892	917	sand	1332	1346
lime	351	389	black shale	917	923	shale	1346	1452
shale	389	408	shale	923	953	Mississippi lime	1452	150
coal	408	412	lime	953	970			Τſ
shale	412	490	coal	970	972			
lime	490	493	shale	972	1042			
shale	493	603	lime	1042	1047			
lime	603	650	shale	1047	1048			
coal	650	651	sand	1048	1075		Same and the first	
lime	651	656	lime	1075	1094	(2022)		
shale	656	688	coal	1094	1097	erry 1		•
lime	688	708	lime	1097	1104			•
shale	708	729	coal	1104	1108	· K		
lime	729	759	shale	1108	1114	,,	RECEIV	ED
black shale	759	763	sand	1114	1134	KANSA	S CORPORATIO	V COMMISS
lime	763	768	shale	1134	1192		OCT 0 4	
sand	768	778	coal	1192	1194		OCT 0 1 2	2008
lime	778	789	shale	1194	1210	c	ONSERVATION I	DIVISION
black shale	789	797	coal	1210	1212		WICHITA, N	3
shale	797	8.14	shale	1212	1229			