Kansas Corporation Commission Oil & Gas Conservation Division

OR/G// Form ACO-1
September 1999
Form Must Be Typed

WICHITA, KS

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #	API No. 15 - ²⁰⁵⁻²⁷⁰⁶⁸⁻⁰⁰⁻⁰⁰
Name: Cherokee Wells, LLC	County: Wilson
Address: P.O. Box 296	S/2 _SW _SW _ Sec. 19 Twp. 29 S. R. 14 ▼ East West
City/State/Zip: Fredonia, KS 66736	560 feet trom \$\infty \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Purchaser: Southeastern Kansas Pipeline	660 teet from E /(W)(circle one) Line of Section
Operator Contact Person: Tracy Miller	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 378-36650	(circle one) NE SE NW (SW)
Contractor: Name: Well Refined Drilling	Lease Name: MK Hartnett Well #: A-2
License: 33072	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A	Producing Formation: N/A
Designate Type of Completion:	Elevation: Ground: 923.93 Kelly Bushing: N/A
	Total Depth: 1480' Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at 51' Feet
✓ Gas SWD SIOWTemp. Abd.	Multiple Stage Cementing Collar Used? Yes V No
	If yes, show depth set
	If Alternate II completion, cement circulated from bottom casing
If Workover/Re-entry: Old Well Info as follows:	feet depth to surface w/ 160 sx cmt.
Operator:	
Well Name:	Orilling Fluid Management Plan (Data must be collected from the Reserve Pit) 9-17-37
Original Comp. Date:	(Data must be collected from the Reserve Pit) 9-17-9+
Deepening Re-perf. Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
2/26/07 2/28/07	Quarter Sec. Twp. S. R. East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	
Troomponent Sale	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	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regul herein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Emily Anberell	KCC Office Use ONLY
Signature:	A)
Title: Administrative Assistant V Date: 8/28/07	Letter of Confidentiality Received
Subscribed and sworn to before me this 25 day of AUGUS	If Denied, Yes Date:
	Wireline Log Received RECEIVED KANSAS CORPORATION COMMISSION
	LLER Geologist Report Received
Notary Public: J Wood State	e of Kansas UIC Distribution SEP U 4 2007
Date Commission Expires: My Apot. Expires 12/1/	ZOIO CONSERVATION DIVISION

Side Two

Operator Name: Cherokee Wells, LLC				Lease Name: MK Hartnett				Well #: A-2		
	S. R. 14	✓ East	West	County: Wilson						
INSTRUCTIONS: Sh tested, time tool open temperature, fluid rec Electric Wireline Logs	and closed, flowing overy, and flow rate	g and shut-ir s if gas to su	n pressures, urface test, a	whether s long with	shut-in pre	essure re	ached s	tatic level, hydi	rostatic pressure	es, bottom hole
Drill Stem Tests Taker (Attach Additional S		[_] Yes	 ✓ No		 ✓L	og F	Formation	n (Top), Depth	and Datum	Sample
Samples Sent to Geo	logical Survey	Yes	√ No		Nam Drille	ie r Log En	closed		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ✓ Yes	*constant		A CARLES CONTRACTOR CO	ŭ				
List All E. Logs Run:										
High Resolution Dual Induction I			CASING	RECORD	5 v at	3				•
Purpose of String	Sizo Hole	Ţ····	all strings set- Casing		surrace, int eight	Soti		Type of	# Sacks	Type and Percent
Surface	Drilled 40 05"		n O.D.)		s. / Ft.	De _l	oth	Cement Portland	Used 35	Additives
	12.25"	8.625"		26		ļ	and the second			
Longstring	6.75"	4.5"	and the second s	10.5#		1471'		Thick Set	160	
.,,				0514515			E0055	(m.f. mars m. mars qu. 11 - 111 miles) (A. 17 1 1 - 17 77) (A. 17 1 1 - 17 77)		M1, 1, 1 (1), 1 - 11, 11 (1) (1) (1) (1) (1) (1) (1) (1) (1)
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom		ADDITIONAL f Cement		ks Used	JEEZE N	ECOND	Type and	Percent Additives	
						1				
Shots Per Foot			- Bridge Pluch Interval Pol	٠	e	P		ture, Shot, Ceme ount and Kind of I	nt Squeeze Recor	d Depth
TUBING RECORD	Size	Set At		Packer	At	Liner R	un]Yes [] N	ło	
Date of First, Resumero	Production, SWD or I	Enhr.	Producing Met	thod	Flowin	ig [Pumpin	g []Gasl	Lift [] Othe	or (Explain)
Estimated Production Per 24 Hours	Oil	Bbis.	Gas	Mcf	Wai	er	Bb	is.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION	_				tion Interv		RE KANSAS CORE	ECEIVED PORATION COMMISSION
Vented Sold (If vented, Su	Used on Lease bmit ACO-18.)		Open Hole Other (Spec	[Pe	ort.	Dually Cor	np.	Commingled		0 4 2007

CONSERVATION DIVISION WICHITA, KS

Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776

Contractor License # 33072

620-839-5581/ Office; 620-432-6170/Jeff Kephart Coll; 620-839-5582/FAX

Rig#:	3			2005/200	I NER.	046	T29	R14
API #:	1	27068-0000		en in Julius Bellen der Seine	Rig#3	U poptio	128	!
	·				Rig#3 _	Location.		S2,SW4,SW4
Operation	·	kee Wells, LLC			Z77 - 010	County:		Wilson
	4916	Camp Bowle Blvd			ATT Dr			
	Fort V	Vorth, TX 76107				Gas	Tests	
₩eii#:	A-2	Lease Name:	MK Har	nett	Depth	Inches	Orfice	flow - MCF
Location:		ft. frem S	Line	1463	Gas Test on Pa	ge 3		
	680	ft. from W	Line					
Spud Dali	÷	2/26/2007						
Date Com	ipleted:	2/28/2007	TD:	1480'				
Driller:		Cody Shamblin					_	
Casing		Surface	Produc	tion				
Hole Siz	<u> </u>	12 1/4"		6 3/4"				
Casing	Size	8 5/8"						
Weight		26				i		
Setting		51'		**************************************				
Cemeni	Type	Portland						
Sacks		35	Consoli	dated				
Feet of	Casing	51'						
	0	as per Pens	1×m	Well L	OG			<u> </u>
www.weblanara	0	as per Dens	tron	Well L	og			
Top	Bottom		Top	Well L M Bottom		T Top	Bottom	Formation
Top	8otiom		-09	M Bottom	Formation	Top 775	Bottom 776	
ALCOHOLOGY, AND AND AND ADDRESS.	Bottom 2	Formation overburden	Top	Bottom 451	Formation shale	775	776	laminated sand
n	Bottom 2 42	Formation	Top 445	Bottom 451 458	Formation shale lime	775 776	776 791	laminareo seno iime
0	Bottom 2 42 44	Formation overburden day	Top 445 451	Bottom 451 458 479	Formation shale lime shale	775	776 791 794	laminated sand iirne Shalië
0 2 42 44 122	Bottom 2 42 44 122	Formation overburden clay sand shels	Top 445 451 488	Bottom 451 458 479	Formation shale lime shale	775 776 791	776 791 794 797	laminared sand ilime shale sandy shale
0 2 42 44	8ottom 2. 442 444 122 128	Formation overburden ulay sand shale sand andy shale	Top 445 451 486 479	Bottom 451 458 479 598	Formation shele lime shele lime	775 776 791 794	776 791 794 797	laminated sand lirne shale sandy shale sandy shale
0 2 42 44 122 128 146	8ottom 2 42 44 122 128 446 274	Formation overburden ulay sand shale sand sondy shale	Top 445 451 486 479 556 598	Bottom 451 458 479 598	Formation shele lime alials lime add water blk shele	775 776 791 794 797	776 791 794 797 810 819	laminated sand little shale sandy shale sandy shale little
0 2 42 44 122 128	8ottom 2. 442 444 122 128	Formation overburden ulay sand shale sand sondy shale	Top 445 451 456 479 556 598	Bottom 451 453 479 598 603 618	Formation shele lime alials lime add water blk shele	775 776 791 794 797 810	776 791 794 797 810 819 821	laminated sand lime shale sandy shale sandy shale lime Southmound bik shale
0 2 42 44 122 128 146	80tiom 2 42 44 122 128 446 274 283 311	Formation overburden ulay sand shale sand sendy shale shale	Top 445 451 488 479 666 598 603 610 634	Bottom 451 458 479 598 603 618	Formation shale lime shale lime add water blk shale	775 776 701 794 797 610 819	776 791 794 797 810 819 821 822	laminated sand lime shale sandy shale sandy shale lime Southmound bik shale
0 2 42 44 122 108 146 277 283	80tiom 2 42 44 122 128 146 274 583 311	Formation overburden day sand shale sand sendy shale shale shale shale	Top 445 451 456 479 556 598 603 610	Bottom 451 458 479 598 603 618 636	Formation shale lime shale lime add water blk shale lime sand	775 776 701 794 797 810 819	776 791 754 797 810 819 821 822 838	laminated sand lime shale sandy shale sandy shale lime Southmound bix shale lime Welser sand
0 2 42 44 122 128 146 274 283 315	8ottom 2 42 44 122 128 446 274 263 311 300	Formation overburden ulay sand shels sand sendy shels shele shale shale shale	Top 445 451 486 479 556 598 603 610 636 636	98 603 636 636 636 636 636 636	Formation shele lime alials lime add water blk shele lime cand shale	775 776 791 794 797 819 819 822	776 791 794 797 810 819 821 822 838 642	laminated sand litme shale sandy shale sandy shale litme Soulumound bik shale litme Welser sand
0 2 42 44 122 108 146 271 283 330 330 134	8ottom 2 42 44 122 128 146 274 253 311 334	Formation overburden day sand shale sond sendy shale snale ime	Top 445 451 456 479 556 598 603 610	603 636 636 636 636 636 636	Formation shele lime shele lime add water blic shele lime chalc coal	775 776 791 794 797 819 819 822 838	776 791 794 797 810 819 821 822 838 842 843	laminated sand lime shale sandy shale sandy shale lime Southmound bix shale lime Welser sand
0 2 42 44 122 128 146 277 283 51 300 144 300	8ottom 2 42 44 122 128 146 274 253 311 304 304 363	Formation overburden sley sand shale sand sendy shale shale shale shale shale shale shale	Top 445 451 486 479 556 598 603 610 636 636	Bottom 451 458 479 598 603 618 636 636 636 636 637 670	Formation shale lime shale lime add water blic shale inne sand shale codi lime shale	775 776 791 791 819 822 838 838 842	776 791 794 797 819 819 821 822 838 642 843 646 848	laminated sand lime shale sandy shale sandy shale lime southmound bix shale lime Walser sand laminated sand sandy shale shale
0 2 42 44 122 108 146 237 283 330 336 336 400	80tiom 2 42 44 122 128 446 274 983 311 550 384 383 005	Formation overburden slay sand shale sand shale shale shale shale sinia	Top 445 451 488 479 656 598 603 616 636 636 636 636	603 636 636 636 636 636 636 636 637 637 63	Formation shale lime shale lime add water blic shale inne sand shale codi lime shale	775 776 701 794 797 819 822 843 843 843	776 791 754 797 819 819 821 622 838 642 843 646 848	laminated sand lime shale sandy shale lime Southmound bit shale lime Welser sand laminated sand sandy shale shale shale
0 2 42 44 122 128 146 277 283 511 360 104	80tiom 2 42 44 122 128 446 274 983 311 550 384 383 005	Formation overburden slay sand shale sand shale shale shale shale sinia	Top 445 451 456 479 556 598 603 610 636 636 636 656	603 603 603 603 603 603 603 603 603 603	Formation shale lime shale lime add water blic shale lime sand shale shale cod) lime shale	775 776 701 794 797 819 822 843 843 843	776 791 754 797 819 819 821 622 838 642 843 646 848	laminated sand lime shale sandy shale lime Southmound bit shale lime Welser sand laminated sand sandy shale shale shale
0 2 42 44 122 128 146 277 283 544 300 300 300 300	8ottom 2 42 44 122 128 146 274 263 311 364 366 366 367 407	Formation overburden clay sand sand sandy shale shale shale shale simic imic shale shale	Top 445 451 456 479 556 598 503 616 636 636 636 636 636 674	603 636 636 636 636 636 636 636 636 636	Formation shale lime shale lime add water blic shale itme sand shale codi lime shale	775 776 701 794 797 819 819 822 842 843 846	776 791 794 797 810 819 821 822 838 842 843 746 848 843	laminated sand lime shale sandy shale sandy shale lime southmound bix shale lime Welser sand liminated sans sandy shale shale shale shale shale shale
0 2 42 44 122 128 146 237 283 345 356 205 205	8ottom 2 42 44 122 128 146 274 253 311 000 334 036 469 469	Formation overburden sley sand shale sand shale shale shale shale shale shale shale shale	Top 445 451 456 479 556 598 603 610 634 636 636 636 637 658	603 636 636 636 636 636 636 636 636 636	Formation shale lime shale lime add water blic shale lime and coal finne shale	775 776 776 776 776 776 776 776 776 776	776 791 794 797 810 819 821 822 838 842 843 746 848 843	laminated sand lime shale sandy shale sandy shale lime Southmound bix shale lime Welser sand laminated sand sandy shale shale shale
20 42 44 122 128 146 283 346 360 360 360 360 461	80tiom 2 42 44 122 128 146 274 253 311 300 304 306 426 426 426 437.5	Formation overburden slay sand shale sand shale	Top 445 451 456 479 556 598 503 616 636 636 636 636 636 674	693 693 693 693 694 636 636 636 636 636 636 636 637 670 671	Formation shale lime shale lime add water blic shale inne cand choic coni inne shale lime shale	775 776 776 794 797 819 819 822 842 843 843 843 843	776 791 794 797 819 819 821 822 838 642 843 646 848 952 954 966 576	laminated sand lime shale sandy shale sandy shale lime southmound bix shale lime Welser sand liminated sans sandy shale shale shale shale shale shale

RECEIVED
KANSAS CORPORATION COMMISSION

Operator:	Cherokee	Wells LLC	Lease Na	me:	MK Hartnett	Well#	A-2	page 2
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
889		sand	1349	1358	shale			
892		sinale			oil odor			
921	924	lime	1358	1369	Mississippi chat			
924		Mulberry coal	1358	1480	Mississippi lime			
925		shale	1480		Total Depth			
927		Pawnee lime						
945		shale						
946	953							
953		Lexington blk shale						**
954		shale						!
972		Peru sandy shale						
975		shele						
984		Oswego lime						
1011		Summit blk shale						
1013	Designation of the second	shale						
1020								,
1025	1026	Mulky blk shale						
Britan	1027.5							
1027.5						i .		
1038		Squirrel sand						
1045		sandy shale						
1047		<u> </u>						
1078		Bevier coai						
1079						ANTI MARIE DE LA COMPANSION DE LA COMPAN		
1096		Crowberg coal						•
1097								
1101		sandy shale						
1102		ahaic						,
1152				<u> </u>				į
1161	1184							
1184	1190							
1190	1339							
1339						The Range		
1340		shale	·					
1348	1349	Riverior coal						

Notes: CW-043

07LB-022807-R3-009-MK Hartnett A-2-CWLLC

RECEIVED KANSAS CORPORATION COMMISSION

SEP 0 4 2007

CONSERVATION DIVISION WICHITA, KS

Operator: Cherokee Wells LLC	Lease Name:	MK Hartnett	Well#	A-2	page 3

Wells LLC Lease Name: MK Hartnett \						
	Gas	Tests				
Depth	Inches	Orfice	flow - MCF			
439		No flow				
605	1	1/4"	1.68			
638	2	1/4"	2.367			
754	5	1/4"	3.71			
822	4	3/8"	7.14			
854	Gas	Check S	Same			
927	7	3/8"	9.45			
956	6	3/8"	8.84			
1015	Gas	Check S	Same			
1029	Gas	Check S	Same			
1080	Gas	Check S	Same			
1099	Gas	Check S	ame			
1342		Check S				
1355		Check S				
1360	20	3/8"	15.9			
·						
·						
		·				
·						
			· · · · · · · · · · · · · · · · · · ·			

RECEIVED KANSAS CORPORATION COMMISSION

SEP 0 4 2007

11MK-62-5661 60.10 HL

CONSOLIDATED OIL WELL SERVICE., INC. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

ALITHORIZATION CALLE by MEHE

(ET NUMBER	<u> 16941 </u>
LOCATION EURERA	
FOREMAN RICK LEC	FORD

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WELL N	AME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-1-07	3070	N.K. HARZOS	T A-2				Wilson
CUSTOMER		. A.A.,					
Co	Heway Ti	740		TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS			463	Kyle		
P.0	s. Box	960		502	Jim		
CITY		STATE ZII	PCODE				
NE	EKER	OK -	74855				
JOB TYPE		HOLE SIZE 63		ЕРТН <u> 1480 '</u>	CASING SIZE & W	EIGHT 4 1/2	10,54
CASING DEPTH	1471		TUBING			OTHER.	
STUDDY WEIGH	IT 13.4 W	SLURRY VOL. 4%	Ab) WATER	gal/sk	CEMENT LEFT In	CASING 0	
DISPLACEMENT	7 23. 4 Abi	DISPLACEMENT P	SI 800 PSI	1200	RATE		
REMARKS: 5	alet me	etines Ru	n to 4%	casing. B	reak circula	tion w/	30
8 L 1 L	cesh unde	1 3 4	= 1/2 001 C)u	1h 20 ADI	water 109car	. 14 Ab)	due
1301 71	M	Man ave 1	hickest cema	1 U/5 + K	l-see Me	13 4 4	loss.
NOTO:	1	1	امم - ال	ase plus. Di	anlara vil 1	28 4 Bb 1 a	fresh
Masheu	r pump ·	+ 1)AES	UT MOUNT CEIS	are pure	1000 017	- 1 ist	2
	Final pu	mp pressure	800 P34	Burge plug 1	6-12-13-13-13-13-13-13-13-13-13-13-13-13-13-	L and	<u> </u>
relegse	pressure,	flant held	shut casing	in.@ 0 122	. Loos cem	UNT PEAL	<u> </u>
to su	rface = '	7 Bbl slun	cy to pit.	Job complete	. Kig daw	<u> </u>	
							,
			"THANK YO	1) Lui			

ACCOUNT	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	40	MILEAGE	3,30	132.00
1126A	160 sxs	thickset coment	15.40	2464.0
1110A	800 **	Kol-seal 5 - ACE/SK	. 38	304.0
1118A	300**	gel-flush	.15	45.00
5407	8.3	ton-mileage built tok	m/c	285.00
4404	1	47/2" top cubbe plug	40.00	40.00
4/29	,	4% centralize	36.00	36.00
4156		RECEIVED KANSAS CORPORATION COMMISSION	208.00	208.00
		SEP 0 4 2007		
		CONSERVATION DIVISION	subtotal	4354.00
		WICHITA, KS 4.3%	SALES TAX	195.11
			ESTIMATED TOTAL	4549.11

DATE_ TITLE