CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Must Be Typed

WELL COMPLETION FORM

WELL HISTORY -	DESCRIPTION O	FWELL & LEASE
-----------------------	----------------------	---------------

Operator: License # 33539	API No. 15 - 205-27355-0000
Name: Cherokee Wells, LLC	County: Wilson
P.O. Box 296	C _ E/2 _ SE _ NE Sec. 32 Twp. 27 S. R. 14
City/State/Zip: Fredonia, KS 66736 Purchaser: Southeastern Kansas Pipeline CONFIDENTIAL	1980' feet from S /(N)(circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline CONPIDE	330' feet from (E) W (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline CONT 12008 Operator Contact Person: Emily Lybarger	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 378-3650	
Contractor: Name: Well Refined Drilling	A Robinson A.5
License: 33072	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: N/A	Producing Formation: N/A
	Elevation: Ground: 870.6' Kelly Bushing: N/A
Designate Type of Completion:	
New Well Re-Entry Workover	Total Depth: 1330' Plug Back Total Depth: N/A
Oil SWD SIOW Temp. 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 1324.91'
Operator:	feet depth to surface w/ 125 sx cmt.
Well Name:	Drilling Fluid Management Plan AHT W16-3-09
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug 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:
12/7/08 0.01 12/4/05 4.01	Lease Name: License No.:
12/7/05 07 12/14/06 07 Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workown 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, ver 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 82-3-12 and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells
	slate the oil and gas industry have been fully complied with and the statements
Signature: This your your	KCC Office Use ONLY
Title: Administrative Assistant U Date: 1/23/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 23day of	/If Denied, Yes Date:
20 04	Wireline Log Received KANSAS CORPORATION COMMISS
MANA MANAGE TRACY	MILER Geologist Report Received
Notary Public: Notary Public - St	I suc Distribution IAM 2.0 2000
Date Commission Expires: My Appt. Expires 17	17.00
(M) this	GONSERVATION DIVISION WICHITA, KS

Operator Name: Che	rokee Wells, LLC		Leas	e Name:_	. Robinson		Well #: A-5	
Sec Twp2				ty: Wilson				
ISTRUCTIONS: SI ested, time tool oper emperature, fluid rec	how important tops and closed, flowin	and base of form g and shut-in pre es if gas to surfac	ations penetrated. essures, whether see test, along with	shut-in pre	ssure reache	d static level, hydi	rostatic pressure	
rill Stem Tests Take		☐ Yes 〔	Z No	⊘ Lo	og Forma	ition (Top), Depth	and Datum	Sample
amples Sent to Geo	ological Survey	Yes [Z No	Name Driller	e 's Log Enclos	ed	Тор	Datum
ores Taken lectric Log Run (Submit Copy)			☑ No ☐ No		-		:NTIAI	
ist All E. Logs Run:						CONFIDE	714 LIVE	
High Resolution	on Compensa	ated Density	/Neutron			JAN 1	8 Snno	
Log Dual Indu	•					JAN 1	CC	
			CASING RECORD		_	uction, etc.		
Purpose of String	Size Hole Drilled	Size Casii Set (In O.I		eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25"	8.625"	26#		43'	Portland	N/A	
Longstring	6.75"	4.5"	10.5#		1324.91'	Thickset	125	
· · · · · · · · · · · · · · · · · · ·		ADD	OITIONAL CEMENT	ING / SOU	EEZE RECOE	BD.		
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cen	· · · · · · · · · · · · · · · · · · ·	Type and Percent Additives		*		
Plug Back TD Plug Off Zone								
Shots Per Foot		ION RECORD - B Footage of Each In	ridge Plugs Set/Type terval Perforated	e		racture, Shot, Ceme Amount and Kind of M		d Depth
N/A	N/A				N/A			N/A
	<u> </u>							
TUBING RECORD	Size	Set At	Packer	At	Liner Run	Yes N	o	<u> </u>
Date of First, Resumer	d Production, SWD or I	Enhr. Produ	ucing Method	Flowing	Pum	ping Gas L	.ift Othe	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. G	Sas Mcf	Wate		Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION		·	Production Int	erval	KANSAS	RECEIVED CORPORATION COMMIS
Vented Sold (If vented, Su	Used on Lease		pen Hole Per	rf. D	ually Comp.	Commingled		JAN 2 8 2008

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Well 4230 Do Contrac 620-839	Refit ouglas Ro tor Licen -5581/ C	ned Drilling oad Thayer, KS 6 se # 33072 Office; 620-432-617	Co:, , 6776 O/Jeff K	inc. ephart C	CO ell; 620-839-5582/F	NFIDENTI JAN 1821 FAX KCC	AL 908	
		<u> </u>	Lic # 33		NER.	S32	T27S	R14E
Rig #:	3	27355-0000	LIC# 33	009	\$ 1	Location:	1270	C,E2,SE,NE
					Kig#31		·	Wilson
Operato		kee Wells, LLC			3/1 DIO	County:		VVIISON
		Camp Bowie Blvd			WELL DY.			
		Vorth, TX 76107				Gas Tes		
Well #:			A. Robinso	n	Depth	Inches	Orfice	flow - MCF
Location:		ft. from N	Line		455		No Flow	
		ft. from E	Line		605	- 00	No Flow	28.0
Spud Date		12/7/2007		4000:	705	20	1/2" 1"	28.8 57.7
Date Com		12/14/2007		1330'	755	5		
Driller:		Mike Reid / Shaun	-		880		Check S	
Casing I		Surface	Produc		913		Check S	
Hole Siz		12 1/4"		6 3/4"	980	12	1 1/2" 1 1/2"	241 295
Casing	Size	8 5/8"			1030	18	1 1/2"	295
Weight	D 11b	26#			1055 1091	16 13	1 1/2"	251
Setting		43'			1105	11	1 1/2"	231
Cement	туре	Portland Consolidated			1115	6	1 1/2"	170
Sacks Feet of	Cocina	Consolidated			1155		Check S	
1 661 01	Casing				1264		Check S	
**************************************	5711 3 141-7-7-1	tan en		· .	Well Log			
		for a small for	T = 1.2	Self-	<u> </u>			
Top		Formation	Top	Bottom	The second secon	Top	Bottom	
0		overburden	484	598		758		shale
1		clay	598		shale	765 767		lime shale
12		grave;	602		blk shale lime	783	763 794	
16 143		shale	603 608		sand	794		shale
149		shale	611		lime	798		sand
152			637	-	shale	807		shale
184		shale	643		blk shale	810		sand
287	295		644	 	lime - with odor	812		shale
295		shale	661		sand	825		sand
365	417		678		lime	827	840	shale
417		shale	690	694	shale	840		sand
419	420	lime	694		Red Bed shale	845		shale
420		sand	697		shale	872		Mulberry lime
422	424		717		lime	876	877	
424		shale	718			877		shale
430		add water	745.5		blk shale	885		lime
436			746		shale	908		shale
437	484	shale	751	/58	lime	921	927	sand

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Operator:	Cherokee	Wells LLC	Lease Nar		A Robinson		A-5	
Top	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
927	935	shale	1260	1261	coal			
935	942	lime	1261	1268				
942	961	shale	1268	1278	sand			
961	967	lime	1278	1283	Mississippi chat			
967	968		1283		Mississippi lime	<u> </u>		
968	975	shale	1330		Total Depth			
975	1003	sand						
1003	1008	shale				J		
1008	1025							
1025							ļ	
1027	1028	coal						
1028	1036	sand						
1036								
1042								KCC TVN 18 50 CONEIDEIALIV
1045	1046	blk shale						WEIDFIA
1046	1047	coal						COL. SU
1047		sandy shale						17/1/19
1050	1053	sand						
1053								Ko.
1088								
1089								
1102								
1103		The second secon		ļ				
1111								
1112						<u> </u>		
1126						<u> </u>		
1140								
1143		sand						
1165							ļ .	
1168								
1169							<u> </u>	
1182		Red Bed shale						
1195								
1225		sand						
1240	1260	shale						

Notes: CW-134

07LL-121407-R3-060-A. Robinson A-5-CWLLC-CW-134

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CONSERVATION DIVISION WICHITA, KE

Operator: Cherokee Wells LLC Lease Name: Well # page 3

Rice e y

Wells LLC	Gas	Tests		Γ
Depth	Inches	Orfice	flow - MCF	1
<u> </u>	····			1
			· · · · · · · · · · · · · · · · · · ·	1
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JAN 28 2008

T-034 P.002/002 F-484

SEKVICE HUKEI

8096

UNITED 1Cementing & Acid Co., Inc. FA (016) 52 12/580 25

1-800-794-0187 Fax 1-316-321-4720 2510 W. 6th St. El Dorado, Kansas 67042

DATE	12-1-	7- 67

		COUNTY ();	LSON CITY !	medon in
CHARGE TO _	Domestic Energ.	4		
ADDRESS	<u> </u>	CITY	ST	ZIP
LEASE & WELL	NO. Robinson A-5	CONTRACTO	R_	
KIND OF JOB _	41/2 Production 13	3 <u>25 ++</u> sec	TWP	RNG.
				OLD NEW
Quantity	MATERIAL	USED	Serv. Charge	
125 sk	45c #1			
(e25 I5				
2.5 has	Additional Hour	s on location	ONFIDENTIAL	N/C
		C	ONFIDENTIAL	
			IAN 18 2000	
			REC	CEIVED RATION COMMISSION
	BULK CHARGE 125 SK	Handling	,"	
	BULK TRK. MILES 235 To	7	JAN	2 8 2008
	PUMP TRK. MILES 40 mil	es	CONSERV	ATION DIVISION
			VO.	CHILLY IKE
12A	PLUGS 41/2 Top Ri	ibber Plug		
	•		SALES TAX	
			TOTAL	
г.р. <u>_ <i>† 335</i></u>	A- 1330' 2m	CSG SET AT 13	24.91 WOLUM	IE
SIZE HOLE <u>U</u>	3/4 OH 4/2 10,5 C	5_ TBG SET AT	VOLUM	IE
		SIZE PIPE		
PLUG DEPTH _		PKER DEPTH		
PLUG USED 4	1/c Top Rubber	TIME ON LOCATION	12:00 TIME	INISHED 6:3
REMARKS: A	7	:00- Rig pullis	\	ing Truck
	A 1-	Trucks Catto in	J	- 5'08 0
Hanada	icculate casing Down	\	At 4386/-	5:50 st
5'58 of			ite A+ 13.2	رع ۱۱ و) 🖚
CINT WASH	1 At 33400 PressurateQ	Drop plug Displace	100156	61 H70 6 done
NAME	UNIT NO.	UIPMENT USED 630 P	t circulate	UNIT NO.
5 marsh	1 Daniels P-14	Roul	cmt B	7.3
-5) A GA (A	Bullan H	1		
	MENTER OR TREATER	1	OWNER'S REP.	700 M 31 M
reque si	nifh		OVERTICAL TALES,	