# CONFIDENTIAL

Operator: License # 33539

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL
Form ACO-1
September 1999
Form Must Be Typed

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

API No. 15 - 205-27433-00-00

Name: _Cherokee Wells, LLC	County: Wilson
Address: P.O. Box 296	C -W2 - SW - SW Sec. 24 Twp. 28 S. R. 14
City/State/Zip: Fredonia, KS 66736	660 feet from N (circle one) Line of Section
Purchaser: Southeastern Kansas Pipeline	355 feet from E / ( (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: Well Refined Drilling	Lease Name: Porter Well #: A-2
License: 33072	Field Name: Cherokee Basin Coal Gas Area
Welleite Coologist: N/A	Producing Formation: N/A
Designate Type of Completion:	Elevation: Ground: 866' Kelly Bushing: N/A
✓ New Well Re-Entry Workover	Total Depth: 1230' Plug Back Total Depth: N/A
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 42' 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 bottom casing
Operator:	feet depth to surface w/ 140 sx cmt.
Well Name:	MIT 11 1-20
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHT NJQ-1509 (Data must be collected from the Reserve Prit)
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 2) Docket No	Operator Name:
RECEIVED	Lease Name: License No.:
4/14/08 4/17/08 AANSAS CORPORATION COMMISSION Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R
Recompletion Date  ARROTPHETONIA	County: Docket No.:
CONSERVATION DIVISION	
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover	
Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Stamme Stycke	KCC Office Use ONLY
Title: Administrative Assistant Date: 4/23/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 33 day of April sufficient	If Denied, Yes Date:
	NOTARY Wireline Log Received
2008 7	PUBLIC Geologist Report Received
Notary Public: The local Public Publi	Appt. Exp. UIC Distribution
Date Commission Expires: 21/2012	**************************************
Tally and Continuous Expires.	OF KANALINES
•••	Ministry.

Operator Name: Cherokee Wells, LLC				Lea	se Name:	Porter	er Well #: A-2				
Sec Twp28		unty: Wilson									
INSTRUCTIONS: She tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowin	g and shut s if gas to	in pressures, surface test, a	whether along wit	shut-in pro	essure reached	static level, hydr	rostatic pressur	es, bottom hole		
Drill Stem Tests Taken (Attach Additional S		Y	es 🗸 No		Įν	.og Forma	tion (Top), Depth	and Datum	Sample		
Samples Sent to Geol	logical Survey	□ Y	es 🗹 No		1	Name Drillers Log Enclosed			Datum		
Cores Taken Ye Electric Log Run (Submit Conv.)				s No							
List All E. Logs Run:											
High Resolution Log, Dual Indu	•		nsity/Neul	tron							
		Repo		RECORI conductor.		ew Used ermediate, produ	ction, etc.				
Purpose of String	Size Hole Drilled	Siz	e Casing t (In O.D.)	V	Veight	Setting Depth	Type and Percent Additives				
Surface	12 1/4"	8 5/8"	(III O.D.)	26#	35. / Ft.	42' 2"	Portland	Used 9	Additives		
Longstring	6 3/4"	4 1/2"		10.5#		1220'	Thckset	140			
			ADDITIONAL	CEMEN	TING / SOI	IEEZE DECOR	<u> </u>				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	erforate Top Bottom Top Bottom Top Bottom			T	cks Used	JEEZE NECON		Percent Additives			
Shots Per Foot	PERFORATI Specify	ON RECOR Footage of E	D - Bridge Pluç Each Interval Per	gs Set/Typ forated	ре	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
		RECEIVE	ED COMMISSION								
		RVATION D WICHITA, K									
TUBING RECORD Size Set At Packer At Liner Run						Liner Run	Yes No	)			
Date of First, Resumerd Production, SWD or Enhr. Producing Method			hod	Flowing	Flowing Pumping Gas Lift Other (Explain)			er (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er E	Bbis.	Gas-Oil Ratio	Gravity		
Disposition of Gas	METHOD OF C	COMPLETIC	N .		1	Production Inte	rval				
Vented Sold (If vented, Sub	Used on Lease		Open Hole Other (Spec		erf. [	Dually Comp.	Commingled				

#### Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776

Contractor License # 33072

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

					I MED.			T			
Rig #:	3		Lic # 33	539	MAN TON	S 24	T28S	R14E			
API #:  15-205-27433-0000			Rig#3	Location: C,W2,SW,SW							
Operator: Cherokee Wells, LLC				2 13	County: Wilson						
	4916	Camp Bowie Blvd			Rig#3 ZLLDIG	VLDIC -					
	Fort V	Vorth, TX 76107				Gas Tests					
Well #:	A-2	Lease Name:	Porter		Depth	Inches	Orfice	flow - MCF			
Location:		FSL	Line		305		No Flow	·			
		FWL	Line		330	Gas Check Same					
Spud Date	<del></del>	4/14/2008			480		Trace				
Date Comp	oleted:	4/17/2008	TD:	1230'	580	4	3/8"	7.14			
Driller:		Cody Shamblin			830		No Flow				
Casing R		Surface	Produc		880	13	3/8'	12.9			
Hole Siz		12 1/4"		6 3/4"	905	22	1/2"	29.4			
Casing S	Size	8 5/8"			955	30	1/2"	34.3			
Weight		26# %			980	12	3/4"	49.3			
Setting D	Depth	42' 2"			1030	8	3/4"	40			
Cement	Туре	Portland 💢			1180	5	3/4"	31.6			
Sacks	, .	9				<u> </u>					
Feet of C	Casing					<u> </u>					
081 D. 041	08LD-041708-R3-019-Porter A-2-CWLLC-CW-166										
00LD-041	700-13-	O 15-7 OILEI A-Z-CVVLI	_C-CVV-1	Well L	OG	1		<u>.</u>			
Top	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation			
0	2	overburden	285	296	sand	478	491	lime			
2		clay	296	297		491		sand			
17	20	shale	297	299	shale	518		coal			
20		lime	299	320	sand - wet	519	520	shale			
25		shale	317		add water	520	541				
137	140		320		coal	541	544	sand			
140		shale	321		sand	544	567				
146	147		335		shale	567		shale			
147		shale	345			568		Hushpuckney blk shale			
171	201		350		shale	570		shale			
201		shale	369	373		582	617				
239	282	<del></del>	373		shale	617		shale			
200		oil odor	381		OF VED	656	658				
282	285	snale	4 / 0	BILLIA CHOR	Gration Commission	658	100	shale			

Operator:	Cherokee	Wells LLC	Lease Name:		Porter	Well #	A-2	page 2	
Тор	Bottom		Тор	Bottom	Formation	Тор	Bottom	Formation	
661	670	lime	1026	1045	shale				
670	672	shale	1045	1048	lime				
672	674	lime	1048	1064	sand				
674	695	shale	1064	1078	shale				
695	723	lime	1078	1081	lime				
723	743	shale	1081	1177	shale				
743		Mulberry coal	1177		Mississippi chat				
744		shale	1200	1230	Mississippi lime				
806	818	Pink lime	1230		Total Depth				
818	819	shale							
819	820	Lexington blk shale							
820		shale							
852		Oswego lime							
869		shale							
870		Summit blk shale							
872		shale							
873			11 C 62 6 2		<u> </u>				
882		Mulky blk shale	.,, (,, ,, ,,	Olean roll of a					
884.5			A.F.	1 % 3 %	[편 9년		<u> </u>		
885		shale							
891	£			K(C)C					
899	906	Squirrel sand							
		oil odor							
906		shale							
936		sand							
942		Bevier coal							
943		shale							
944		Ardmore lime							
945		shale							
957	961								
961		Crowburg coal							
962	1020								
1020		Flemming coal							
1021		shale							
1025	1026	Mineral coal						· · · · · · · · · · · · · · · · · · ·	

Notes: CW-166

08LD-041708-R3-019-Porter A-2-CWLLC-CW-166

RECEIVED KANSAS CORPORATION COMMISSION

APR 2 8 2008

CONSERVATION DIVISION WICHITA, KS

INSOLIDATED OIL WELL SERVICES, LLC ). BOX 884, CHANUTE, KS 66720 )-431-9210 OR 800-467-8676

TICKET NUMB	ER1	3889
LOCATION	WARKA	
FOREMAN S	Tave Men	A

### TREATMENT REPORT & FIELD TICKET

	•			CEME	ENT	•	. •	
DATE	CUSTOMER#	WEL	L NAME & NUM	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
18-08	ARGO	5/0r7	er A-Z					Virilsen
STOMER								
20 mesti	s Earry y	Pariners			TRUCK#	DRIVER	TRUCK#	DRIVER
					485	Alan	<del> </del>	<u> </u>
4716	Camp Bou	Time pla	₹ <b>2</b> 00	$\Box$	502	Phillip		
Y	-	STATE	ZIP CODE					
FET WOR		7×	76/07					<u> </u>
3 TYPE 2019		HOLE SIZE_	3/4	HOLE DEF	тн <u>/230</u> ′	CASING SIZE & \	WEIGHT 44	10.5*
SING DEPTH_		DRILL PIPE					OTHER	
	_	SLURRY VOL_		WATER ga	al/sk		1 CASING	
PLACEMENT_					ump 2/49 //08			
					Brisk Ci		with 29	HIL FOST
Tor &	mo 200#	Ge/ 5/0	ch 2"/C	1661 5	ye water.	1211x 14	oske The	ckset
					mp + Lines			
					ng Pressure			
- PH /	Z Phr.	Solo Rela		- Francisco	us Held	Good		Q-Tucas
					Campleis			<u> </u>
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1CCOUNT			Τ ,		· / erm//cec Bi	SANIOT	THE BRICE	TOTAL
CODE	QUANTIIY	y or UNITS	L	)ESCRIP HUN	of SERVICES or Pi	KODUCI	UNIT PRICE	TOTAL
401			PUMP CHAR	GE		·	875.00	875.00
406	40		MILEAGE				3.45	138.00
11264	JNO SIC		71:c	K 517 C	ement		16.20	2268.00
	700 \$			Seal 5º			.40	280.00
1/10A			1 7 7 7 7	<del></del>	F3(/1/)		1	
4-1-4	~~~		C 26				.76	32.00
1118A	Z00 <sup>₩</sup>		GRIFI	GI V	······································		1 10	1 -2
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7407			Jon M	ileogra	Bulk Truc	<u>k</u>	myc	300.00
		•	1					<u> </u>
1404			4/2 7	Op Rub	her Play		42.00	42.10
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			CONSERVAT	TION DIVISION		·	E. LTatal	3935.00

801361

TITLE CO. Rep.

WICHITA, KS

410019 TOTAL DATE

Sub Total

SALES TAX ESTIMATED

THORIZATION Called by