

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12/18/10  
Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33539  
Name: Cherokee Wells, LLC  
Address 1: P.O. Box 296  
Address 2: \_\_\_\_\_  
City: Fredonia State: KS Zip: 66736 + \_\_\_\_\_  
Contact Person: Emily Lybarger **CONFIDENTIAL**  
Phone: (620) 378-3650  
CONTRACTOR: License # 33072 **DEC 18 2008**  
Name: Well Refined Drilling **KCC**  
Wellsite Geologist: N/A  
Purchaser: Southeastern Kansas Pipeline  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW  
 Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
*(Core, WSW, Expl., Cathodic, etc.)*

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Enhr. \_\_\_\_\_ Conv. to SWD  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
11/3/08 11/5/08  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

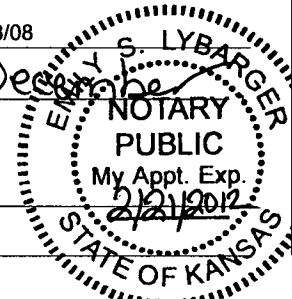
API No. 15 - 205-27650-0000  
Spot Description: NW-NW-SW  
NW    NW    SW    Sec. 20 Twp. 27 S. R. 14  East  West  
2080 Feet from  North /  South Line of Section  
660 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Wilson  
Lease Name: Neuenschwander Well #: A-5  
Field Name: Cherokee Basin Coal Gas Area  
Producing Formation: Unknown  
Elevation: Ground: 915' Kelly Bushing: N/A  
Total Depth: 1405' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at: 47' 4" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: surface  
feet depth to: bottom casing w/ 150 <sup>sx cmt.</sup> **Alt 2 - Dig - 4/16/09**

**Drilling Fluid Management Plan**  
*(Data must be collected from the Reserve Pit)*  
Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Shannan Shindle  
Title: Administrative Assistant Date: 12/18/08  
Subscribed and sworn to before me this 18 day of December  
08  
Notary Public: Emily Lybarger  
Date Commission Expires: 2/21/2012



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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Operator Name: Cherokee Wells, LLC Lease Name: Neuenschwander Well #: A-5  
 Sec. 20 Twp. 27 S. R. 14  East  West County: Wilson

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>High Resolution Compensated Density/Neutron Log, Dual Induction Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Driller Log - Enclosed  <div style="text-align: right; font-size: 1.2em; font-weight: bold;">                     KCC                      DEC 18 2008                      CONFIDENTIAL                 </div>
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	47' 4"	Portland	10	
Longstring	6 3/4"	4 1/2"	10.5#	1395'	Thickset	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	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: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. _____	Gas Mcf _____	Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# 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



Rig #:	3	Lic # 33539
API #:	15-205-27650-0000	
Operator:	Cherokee Wells, LLC	
	4916 Camp Bowie Blvd	
	Fort Worth, TX 76107	

S20	T27S	R14E
Location:		NW,NW,SW
County:		Wilson

				Gas Tests			
Well #:	A-5	Lease Name:	Neuenschwander	Depth	Inches	Orifice	flow - MCF
Location:	2080	FSL	Line	380		No Flow	
	660	FWL	Line	530	3	3/8"	6.18
Spud Date:	11/3/2008			680	10	3/8"	11.3
Date Completed:	11/5/2008			705	Gas Check Same		
Driller:	Joe Chaloupek / Shaun Beach			780	3	1/2"	10.9
Casing Record	Surface	Production		830	12	1/2"	21.9
Hole Size	12 1/4"		6 3/4"	955	Gas Check Same		
Casing Size	8 5/8"			1030	15	1/2"	24.5
Weight	24			1055	Gas Check Same		
Setting Depth	47' 4"			1355	8	1/2"	17.2
Cement Type	Portland						
Sacks	10						
Feet of Casing							

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08LK-110508-R3-069-Neuenschwander A-5-CWLLC-CW-206

## Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	overburden	487	490	sandy shale	714	718	lime
1	4	clay	490	514	sandy shale	718	720	shale
4	13	sand	514	516	coal	720	725	lime
13	14	lime	516	517	shale	725	732	sand
14	18	sand	517	520	lime	732	751	lime
18	86	shale	520	523	shale	751	759	shale
86	88	sand	523	526	Red Bed shale	759	760	lime
88	249	shale	526	554	shale	760	763	blk shale
249	264	lime	554	626	lime	763	765	Red Bed shale
264	273	shale	626	628	shale	765	774	shale
273	300	lime	628	656	lime	774	776	sandy shale
300	340	shale	656	658	shale	776	810	shale
340	358	lime	658	661	blk shale	810	813	sand
358	364	shale	661	665	lime	813	820	shale
364	365	blk shale	665	682	sandy shale	820	822	blk shale
365	368	lime	682	688	lime	822	825	shale
368	412	shale	688	690	shale	825	835	lime
412	484	lime	690	711	lime	835	841	shale
484	487	shale	711	714	blk shale	841	844	lime

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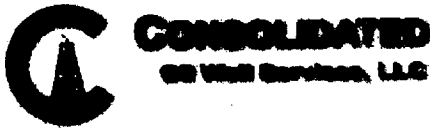
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Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
844	861	shale	1153	1160	sandy shale			
861	870	lime	1160	1169	sand			
870	877	shale	1169	1184	sandy shale			
877	890	sand	1184	1200	shale			
890	903	shale	1200	1215	sand			
903	908	sand	1215	1318	shale			
908	909	coal	1318	1320	sandy shale			
909	949	shale	1320	1347	shale			
949	951	lime	1347	1370	Mississippi chat			
951	953	coal	1370	1405	Mississippi lime			
953	960	shale	1405		Total Depth			
960	973	lime						
973	975	shale						
975	981	lime						
978		oil smell						
981	984	blk shale						
984	998	shale						
998	1000	sand						
1000	1008	shale						
1008	1021	lime						
1021	1025	blk shale						
1025	1037	lime						
1037	1038	blk shale						
1038	1039	coal						
1039	1040	shale						
1040	1042	lime						
1042	1058	shale						
1058	1070	sand						
1070	1075	sandy shale						
1075	1117	shale						
1117	1119	sandy shale						
1119	1124	sand						
1124	1145	shale						
1145	1147	sandy shale						
1147	1153	sand						

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Notes:

08LK-110508-R3-069-Neuenschwander A-5-CWLLC-CW-206



TICKET NUMBER 20408  
 LOCATION Encke  
 FOREMAN Troy Strickler

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-6-08	2890	Neuenschwander A-5				Wilson
CUSTOMER <u>Domestic Energy Partners</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>4916 Camp Bowie, Suite 200</u>			<u>520 Cliff</u>			
CITY STATE ZIP CODE <u>Fort Worth TX 76107</u>			<u>515 Jerid</u>			

JOB TYPE L/S HOLE SIZE 6 3/4" HOLE DEPTH 1405' CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1395' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.4" SLURRY VOL 458bl WATER gal/sk 8" CEMENT LEFT In CASING 0'  
 DISPLACEMENT 22.38bl DISPLACEMENT PSI 900 MIX PSI 1400bhp/lb RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation w/ 300bl water. Pump lost Gel-Flush, 100bl water, 12 Bl Dye water. Mixed 1500# Thick Set Cement w/ 5" Kol-Seal @ 13.4"/gal. Wash out Pump & lines. Release Plug. Displace w/ 22.38bl water. Final Pumping Pressure 900 PSI. Pump Plug to 1400 PSI. wait 2hrs. Release Pressure. Flood Hold. Good Cement to surface = 78bl Slug to Pit.

Job Complete

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	N/C	N/C
1126A	1500#	Thick Set Cement	17.00	2550.00
1110A	750#	Kol-Seal 5" SL	.42	315.00
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5407A	8.25 Ton	Ton-Mileage	1.20	396.00
1118A	300#	Gel-Flush	.17	51.00
4404	1	4 1/2" Top Rubber Plug	45.00	45.00
<u>Thank You!</u>			Sub Total	4282.00
			6.3% SALES TAX	186.55
			ESTIMATED TOTAL	4468.55

Ravin 3737

001318

AUTHORIZATION called by Tyler Webb TITLE Co-Rep

KANSAS CORPORATION  
 DATE

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