

9/20/09

Form ACO-1  
September 1999  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33539  
Name: Cherokee Wells, LLC  
Address: P.O. Box 296  
City/State/Zip: Fredonia, KS 66736  
Purchaser: Southeastern Kansas Pipeline  
Operator Contact Person: Emily Lybarger  
Phone: (620) 378-3650  
Contractor: Name: Well Refined Drilling Co., LLC  
License: 33072  
Wellsite Geologist: N/A

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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 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./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

8/29/07 9/4/07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 205-27253-0000  
County: Wilson  
c-NW - NW - NE - Sec. 16 Twp. 28 S. R. 14  East  West  
330' feet from S / (N) (circle one) Line of Section  
2310' feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Houchin Well #: A-1  
Field Name: Cherokee Basin Coal Gas Area  
Producing Formation: N/A  
Elevation: Ground: 968.3 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1395' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 43' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from bottom casing  
feet depth to surface w/ 140 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AK 115 3-4 09  
(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, 1300 S. Market Street, Room 2078, Kansas City, 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 under 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.  
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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: Emily Lybarger  
Title: Administrative Assistant Date: 9/20/07  
Subscribed and sworn to before me this 20 day of September  
20 07.  
Notary Public: Tracy Miller  
Date Commission Expires: \_\_\_\_\_

TRACY MILLER  
Notary Public - State of Kansas  
My Appt. Expires 12/1/2010

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

Operator Name: Cherokee Wells, LLC Lease Name: Houchin Well #: A-1  
 Sec. 16 Twp. 28 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: center; font-weight: bold; font-size: 1.2em;">                     KCC                      SEP 20 2007                      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"	26#	43'	Portland	12	
Longstring	6 3/4"	4 1/2"		1395'	Thickset	140	

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	RECEIVED KANSAS CORPORATION COMMISSION  SEP 26 2007  CONSERVATION DIVISION WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd 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  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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

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Rig #:	1	Lic: 33539	S16	T28S	R14E	
API #:	15-205-27253-0000		Location: C,NW,NW,NE			
Operator:	Cherokee Wells, LLC		County: Wilson			
	4916 Camp Bowie Suite 204		<b>Gas Tests</b>			
	Fort Worth, TX 76107					
Well #:	A-1	Lease Name: Houchin	Depth	Inches	Orifice	flow - MCF
Location:	330	FNL Line	480		No Flow	
	2310	FEL Line	730		No Flow	
Spud Date:	8/29/2007		855	5	3/8"	7.98
Date Completed:	9/4/2007	TD: 1405'	963	4	3/8"	7.14
Driller:	Cody Shamblin		989	Gas Check Same		
<b>Casing Record</b>	Surface	Production	1005	Gas Check Same		
Hole Size	12 1/4"	6 3/4"	1036	2	3/8"	5.05
Casing Size	8 5/8"		1052	3	3/8"	6.18
Weight	26#		1175	5	3/8"	2.98
Setting Depth	43'		1180	6	3/8"	8.74
Cement Type	Portland					
Sacks	12					
Feet of Casing						

WE HAVE RIG #1  
 WILL DIG

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	467	511	sand	658	665	shale
2	13	clay	511	517	lime	665	686	sand
13	73	shale	517	521	shale	686	691	shale
73	89	sand	521	525	Red Bed	691	707	lime
89	202	shale	525	549	shale	707	711	shale
202	248	lime	549	564	lime	711	722	lime
210		add water	564	566	lime	722	724	Dawson blk shale
248	252	shale			oil odor	724	725	lime
252	260	lime	566	567	lime	725	827	shale
260	360	shale	567	572	sand	827	844	lime
360	375	lime	572	574	sand	844	855	shale
375	402	shale			oil odor	855	860	sand
402	455	lime	574	575	sand	860	867	lime
		picked up water	575	647	lime	867	874	shale
455	460	sand	647	652	shale	874	882	Weiser sand
460	467	shale	652	658	lime	882	888	sandy shale

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Operator: Cherokee Wells LLC			Lease Name: Houchin			Well # A-1		page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
888	893	shale	1122	1123	coal			
893	934	sand	1123	1135	shale			
934	950	shale	1135	1174	shale			
950	959	lime	1174	1175	Flemming coal			
959	960	shale	1175	1188	shale			
960	961	Mulberry coal	1188	1195	sand			
961	962	shale			oil odor			
962	970	Pink lime	1195	1200	shale			
970	973	lime	1200	1218	sand			
973	975	shale	1218	1224	shale			
975	985	lime	1224	1246	sand			
985	986	shale			more water			
986	987	Lexington blk shale	1246	1262	shale			
987	1003	shale	1262	1282	Red Bed			
1003	1010	Peru sand	1282	1344	shale			
		more water	1344	1361	Mississippi chat			
1010	1015	shale	1361	1405	Mississippi lime			
1015	1023	Oswego lime	1405		Total Depth			
1023	1031	lime						
		oil odor						
1031	1032	shale						
1032	1034	Summit blk shale						
1035	1043	lime						
1043	1044	shale						
1044	1049	Mulky blk shale						
1049	1050	coal						
1050	1051	shale						
1051	1058	lime						
		oil odor						
1058	1085	Squirrel sand						
		oil odor						
1085	1088	sandy shale						
1088	1098	sand						
1098	1121	shale						
1121	1122	Crowburg blk shale						

Notes:

07LH-090407-R1-033-Houchin A-1-CWLLC-CW-104

CW-104

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Gas Tests			
Depth	Inches	Orifice	flow - MCF
305		No Flow	
441	3	1/4"	2.92
455	Gas Check Same		
505	9	1/4"	5.05
521	14	1/4"	6.33
555	12	1/4"	5.86
665	10	1/4"	5.32
755	8	1/4"	4.76
780	5	1/4"	3.71
830	8	1/4"	4.76
842	5	1"	57.7
855	Gas Check Same		
880	Gas Check Same		
930	3	1"	44.7
970	Gas Check Same		
984	2	1"	36.5
1215	Gas Check Same		
1230	Gas Check Same		

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TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-5-07		Houchin A-1				Wichita
CUSTOMER Domestic Energy Partners			TRUCK #	DRIVER	TRUCK #	DRIVER
BILLING ADDRESS 4916 Camp Bowles Sta. 200			485	Alan		
CITY Wichita			479	Shaman		
STATE TX						
ZIP CODE 76107						

B TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 1406 CASING SIZE & WEIGHT 4 1/2  
 Casing Depth 1395 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 Casing Weight 13.3 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 Displacement 23 1/4 DISPLACEMENT PSI 600\* MIX PSI Bump plug 1100\* RATE \_\_\_\_\_

MARKS: Safety Meeting. Rig up to 4 1/2 casing. Break circulation with 22 bbls Fresh Water. Mix 200\* Gel Flush, 5 bbls Water spacer, 11 bbls Dye Water. Mix 140 sks Thick set Cement w/ 5" Kol-seal. AT 13.3\* per gal wash out pump + line. Shut down class plug. Displace with 23 1/4 bbls Fresh water. Final pumping pressure 600\* bump plug AT 1100\*. Wait 2 min. Release pressure. Float held. Shut casing in at road cement Returns to surface. 10 bbls Slurry to pit.  
Job Complete Rig down.

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Thank you

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES or PRODUCT	UNIT PRICE	TOTAL
401	1	PUMP CHARGE	840.00	840.00
406	40	MILEAGE	3.30	132.00
126A	140 SKS	Thick set Cement	15.40	2156.00
110A	800*	Kol-seal 5" per/sk	.38	304.00
118A	200*	Gel-Flush	.15	30.00
407	7.7 Tons	Ton Mileage Bulk Truck	n/c	285.00
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
4129	1	4 1/2 Centralizer	36.00	36.00
4156	1	4 1/2 Float Shoe F.U.	208.00	208.00
			SubTotal	4031.00
			6.3% SALES TAX	174.76
			ESTIMATED TOTAL	4205.76

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AUTHORIZATION Called by Mike TITLE Co. Rep. DATE \_\_\_\_\_