

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

ORIGINAL 9/20/09

Form ACO-1  
September 1999  
Form Must Be Typed

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. \_\_\_\_\_

8/22/07 8/24/07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 205-27277-0000  
County: Wilson  
NE  NW  SW  Sec. 27 Twp. 27 S. R. 15  East  West  
2290' feet from  N (circle one) Line of Section  
980' feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW  
Lease Name: ~~HALEY-BEARD~~ Well #: P1  
Field Name: Cherokee Basin Coal Gas Area Burnt Hills Ranch  
Producing Formation: N/A  
Elevation: Ground: Unknown Kelly Bushing: \_\_\_\_\_  
Total Depth: 1305' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 43' 10" 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/ 135 sx cmt.

Drilling Fluid Management Plan AKINS 219-09  
(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, 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: 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 **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
 UIC Distribution **SEP 26 2007**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Cherokee Wells, LLC Lease Name: Hartnett Well #: A-1  
 Sec. 27 Twp. 27 S. R. 15  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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

**High Resolution Compensated Density Neutron Log, Dual Induction Log**

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Driller Log Enclosed

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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' 10"	Portland	8	
Longstring	6 3/4"	4 1/2"		1295'	Thickset	135	

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	

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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 \_\_\_\_\_

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

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TICKET NUMBER 12506  
LOCATION Eureka  
FOREMAN Troy Strickle

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-28-07	2890	Haley Beard A-1	27	22	15	Wilson
CUSTOMER Domestic Energy Partners			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 4916 Camp Bowie Ste 200			445	Cliff		
CITY Fort Worth			515	Calin		
STATE TX			4521763	Ed		
ZIP CODE 76107						

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1280' CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1270' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL \_\_\_\_\_ WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 20.28bl DISPLACEMENT PSI 500 MIX PSI 1000Bump Pkg RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" Casing. Break Circulation w/ 258bl water. Pump 10skt Gel-Flesh. Pump Gel to surface. Pump 100bl Dye water. Mixed 1353kg. Thick Set Cement w/ 5" Kol-Seal @ 13.2# Pkg/ft. Wash Out Pump & Lines. Release Pkg. Displace w/ 20.28bl water. Final Pump Package. 500PSI. Bump Pkg to 1000PSI. Wait 2mins. Release Package. Float Hrb. Coat 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	840.00	840.00
5406	40	MILEAGE	3.30	132.00
1126A	1353kg	Thick Set Cement	15.40	2079.00
1110A	675#	Kol-Seal 5" Pkg/ft	.384	256.50
1118A	500#	Gel-Flesh	.15#	75.00
5407		Ton-Mileage Bulk Tires	n/c	285.00
5501C	3kg	Water Transport	100.00	300.00
1123	5500 gal	City Water.	12.80%	70.40
4404	1	4 1/2" Top Rubber Pkg	40.00	40.00
4129	1	4 1/2" Centralizer	36.00	36.00
4156	1	4 1/2" Float Shoe	208.00	208.00
		<u>Truck Fuel</u>		
			Sub Total	4321.40
			SALES TAX 6.3%	174.16
			ESTIMATED TOTAL	4495.56

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AUTHORIZATION called by Mike TITLE Co Rep DATE \_\_\_\_\_

# 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	HAVE RIG Rig # 1 WILL DIG						
API #:	15-205-27277-0000						S27	T27S	R15E
Operator:	Cherokee Wells, LLC						Location: NE,NW,SW		
4916 Camp Bowie Suite 204 Fort Worth, TX 76107							County: Wilson		
<b>Gas Tests</b>									
Well #:	A-1	Lease Name:	Haley-Beard	Depth	Inches	Orifice	flow - MCF		
Location: 2290 ft. from S		Line		Gas Tests on Page 3					
980 ft. from W		Line							
Spud Date: 8/22/2007									
Date Completed: 8/24/2007		TD:	1280'						
Driller: Cody Shamblin									
<b>Casing Record</b>		Surface	Production						
Hole Size		12 1/4"	6 3/4"						
Casing Size		8 5/8"							
Weight		26#							
Setting Depth		21' 9"							
Cement Type		Portland							
Sacks		5							
Feet of Casing									

Well Log								
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
1	2	overburden	354	362	shale	551	553	shale
2	12	clay	362	434	lime	553	555	Tulsa blk shale
12	140	shale	434	438	shale	555	622	shale
140	170	lime	438	439	Stark blk shale	622	628	lime
170	213	shale	439	446	lime	628	648	shale
213	261	lime	446	466	sand	648	660	lime
261	283	shale	466	472	lime	660	5662	shale
283	284	shale	472	477	shale	5662	664	Dawson blk shale
284	300	shale	477	496	lime	664	665	lime
300	315	sand			picked up water	665	670	shale
315	331	shale	496	498	shale	670	678	Weiser sand
331	341	lime	498	500	Hushpuckney blk shale	678	687	sandy shale
341	347	shale	500	502	lime	687	748	shale
347	350	lime	502	518	lime - oil odor	748	749	lime
350	352	shale	518	519	Southmound blk shale	749	750	Mulberry coal
352	354	lime	519	551	lime	750	754	shale

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Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
754	776	Pink lime	1103	1212	sand			
776	777	shale	1212	1213	Riverton coal			
777	779	Lexington blk shale	1213	1218	shale			
779	809	shale	1218	1226	Mississippi chat			
809	817	Oswego lime	1226	1280	Mississippi lime			
817	824	lime	1280		Total Depth			
		oil odor						
824	827	shale						
827	829	Summit blk shale						
829	831	shale						
831	837	lime						
837	838	shale						
838	88							
839	840	coal						
840	848	shale						
848	875	Squirrel sand						
875	928	shale						
928	929	Crowburg blk shale						
929	930	coal						
930	934	shale						
934	945	Cattleman sand						
		oil odor						
945	957	sandy shale						
957	967	shale						
967	968	Flemming coal						
968	970	shale						
970	973	sand						
973	981	shale						
981	982	Mineral coal						
982	1041	shale						
1041	1042	sandy shale						
1042	1046	sand - oil odor						
1046	1061	sandy shale						
1061	1099	sand - oil odor						
1099	1103	sandy shale						

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Notes:

CW-102

07LH-082407-R1-031-Hayley-Beard A-1-CWLLC-CW-102

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