

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

4/25/10
Form ACO-1
September 1999
Form Must Be Typed

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: McPherson Drilling
License: 5675

Wellsite Geologist: N/A

Designate Type of Completion: **CONFIDENTIAL**

New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW **KCC**
 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. _____

10/30/08 11/3/08

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 205-27634-0000

County: Wilson

S2 N2 NW NW Sec. 24 Twp. 27 S. R. 14 East West

500 feet from S (N) (circle one) Line of Section

660 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SW

Lease Name: Duckworth Well #: A-5

Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Unknown

Elevation: Ground: N/A Kelly Bushing: N/A

Total Depth: 1380 Plug Back Total Depth: N/A

Amount of Surface Pipe Set and Cemented at 40' 2" 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 sx cmt.

Drilling Fluid Management Plan AH # NJ 22509
(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: *Shannon Shuttle*

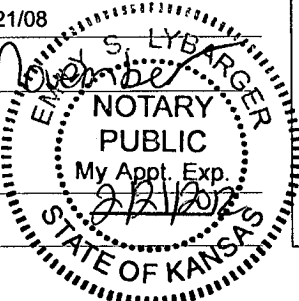
Title: Administrative Assistant Date: 11/21/08

Subscribed and sworn to before me this 21 day of November

20 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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DEC 01 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Cherokee Wells, LLC Lease Name: Duckworth Well #: A-5
 Sec. 24 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: High Resolution Compensated Density/Neutron Log, Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Drillers 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	11"	8 5/8"	20#	40' 2"	Portland	N/A	
Longstring	6 3/4"	4 1/2"	10.5#	1370'	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

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TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 Bbbs.	Gas Mcf	Water Bbbs.	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 _____

McPherson Drilling LLC Drillers Log

Rig Number: 3	S. 24	T. 27	R. 14E
API No. 15- 205-27634	County: WILSON		
Elev. 877	Location: S2 N2 NW NW		

Operator: CHEROKEE WELLS LLC	#33539		
Address: P.O. BOX 296 FREDONIA KS 66738			
Well No: A-5	Lease Name: DUCKWORTH		
Footage Location: 500 ft. from the NORTH Line			
660 ft. from the WEST Line			
Drilling Contractor: McPherson Drilling LLC			
Spud date: .10/30/2008	Geologist:		
Date Completed: .11/03/2008	Total Depth: 1380		

Gas Tests:		
468	0.00	MCF
555	0.00	MCF
585	2.76	MCF
659	8.74	MCF
878	2.76	MCF
890	8.74	MCF
916	8.59	MCF
948	9.18	MCF
964	12.1	MCF
1052	2.76	MCF
1380	2.76	MCF
Comments:		
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KCC		
Start injecting @		

Casing Record			Rig Time:	
	Surface	Production	2.75	HR(S) GAS TEST
Size Hole: 11"		6 3/4"	1.00	DAY BOOSTER
Size Casing: 8 5/8"			1.50	WATER HAUL TRUCK
Weight: 20#				
Setting Depth: 40'2"		CHEROKEE		
Type Cement: Portland				
Sacks: CONSOLIDATED			DRILLER: DEVIN WINDSOR	

Well Log										
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	Formation	Btm.
clay	0	17	shale	670	725	sand	1071	1077		
shale	17	40	lime	725	748	shale	1077	1169		
lime	40	43	shale	748	770	lime	1169	1174		
shale	43	97	lime	770	778	shale	1174	1330		
lime	97	107	sand	778	793	Mississippi	1330	1380		
shale	107	125	sandy shale	793	806					
lime	125	161	shale	806	854					
shale	161	239	lime	854	868					
lime	239	267	coal	868	870					
shale	267	317	lime	870	887					
lime	317	465	coal	887	889					
black shale	465	468	lime	889	894					
lime	468	549	black shale	894	914					
black shale	549	553	sandy shale	914	919					
lime	553	557	shale	919	928					
shale	557	575	lime	928	940					
sand	575	581	black shale	940	946					
coal	581	583	shale	946	950					
lime	583	609	lime	950	956					
shale	609	616	black shale	956	960					
lime	616	655	shale	960	1045					
black shale	655	658	coal	1045	1048					
shale	658	668	shale	1048	1057					
lime	668	670	sandy shale	1057	1071					

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Note: A lot of water @ 23 feet.
No river gravel.

