

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

11/19/08

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344  
Name: Quest Cherokee, LLC  
Address: 211 W. 14th Street  
City/State/Zip: Chanute, KS 66720  
Purchaser: Bluestem Pipeline, LLC  
Operator Contact Person: Jennifer R. Smith  
Phone: (620) 431-9500  
Contractor Name: Michaels  
License: 33783  
Wellsite Geologist: Ken Recoy

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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. \_\_\_\_\_

<u>8-01-08</u>	<u>8-04-08</u>	<u>8-13-08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27473-0000  
County: Neosho  
W/2 SE SW SE Sec. 4 Twp. 30 S. R. 19  East  West  
330 feet from S N (circle one) Line of Section  
1675 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Van Cleave, Leland E. Well #: 4-2  
Field Name: Cherokee Basin CBM  
Producing Formation: Multiple  
Elevation: Ground: 998 Kelly Bushing: n/a  
Total Depth: 1052 Plug Back Total Depth: 1041.38  
Amount of Surface Pipe Set and Cemented at 23 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1041.38  
feet depth to surface w/ 145 sx cmt.

AH2-Dg-11/2/09

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: Jennifer R. Smith  
Title: New Well Development Coordinator Date: 11-19-08  
Subscribed and sworn to before me this 19<sup>th</sup> day of November  
20 08.  
Notary Public: Denise V. Venneman  
Date Commission Expires: \_\_\_\_\_

DENISE V. VENNEMAN  
MY COMMISSION EXPIRES  
July 1, 2012

**KCC Office Use ONLY**

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 20 2008

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Van Cleave, Leland E. Well #: 4-2  
 Sec. 4 Twp. 30 S. R. 19  East  West County: Neosho

**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:

Compensated Density Neutron Log  
 Dual Induction Log

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 See attached

CASING RECORD <input 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"	22	23	"A"	5	
Production	7-7/8	5-1/2	14.5	1041.38	"A"	145	

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
4	930-932/874-876/869-871	500gal 15%HCLw/ 68bbls 2%kcl water, 571bbls water w/ 2% KCL, Blockds, 6100# 20/40 sand	930-932/874-876 869-871
4	717-719/682-684/657-659	400gal 15%HCLw/ 67bbls 2%kcl water, 353bbls water w/ 2% KCL, Blockds, 4100# 20/40 sand	717-719/682-684 657-659
4	626-628/598-600	400gal 15%HCLw/ 62bbls 2%kcl water, 392bbls water w/ 2% KCL, Blockds, 4100# 20/40 sand	626-628/598-600

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
		2-3/8"	972	n/a		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
N/A			<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	
	n/a					

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 \_\_\_\_\_



211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

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11/24/08  
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TICKET NUMBER 6850  
FIELD TICKET REF # \_\_\_\_\_  
FOREMAN Joe  
SSI 628920  
API 15-133-27473

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER				SECTION	TOWNSHIP	RANGE	COUNTY
8-13-8	Van Cleave Ieland E.4-2				4	30	19	NO
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE	
Joe	7:00	10:00		903427		3	<i>Joe Blarke</i>	
Tim	6:45			903255		3.25	<i>Tim</i>	
Matt	7:00			903600		3	<i>Matt</i>	
Daniel	6:45			904735		3.25		
Maverick	7:00			903206		3	120	
Tyler	7:00			903140	932452	3		

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1052 CASING SIZE & WEIGHT 5 1/2 14#  
 CASING DEPTH 1041.38 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 24.79 DISPLACEMENT PSI \_\_\_\_\_ MIX. PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

~~Installed Cement head R~~ washed 200 Ft Sump 10 SKS of gel to surface.  
 Hole was extremely dirty. Installed Cement head RAN 2 SKS gel & 17 BR-lye & 145 SKS of Cement to get dy to surface. Flush pump. Pump pipe plug to bottom of Set float shoe.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	1	Foreman Pickup	
903255	1	Cement Pump Truck	
903600	1	Bulk Truck	
903140	1	Transport Truck	
932452	1	Transport Trailer	
904735	1	80 Vac	
	1041.38	Casing 5 1/2	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles	
	12.5 SK	Portland Cement	
	29 SK	Gilsonite	
	1.5 SK	Flo-Seal	
	20 SK	Premium Gel	
	3 SK	Cal Chloride	
	1 gal	KCL	
	7000 gal	City Water	

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CONSERVATION DIVISION  
WICHITA, KS

**Michael Drilling, LLC**  
**P.O. Box 402**  
**Iola, KS 66749**  
**620-365-2755**

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 NOV 19 2008  
 CONFIDENTIAL

080408

**Company:** Quest Cherokee LLC  
**Address:** 210 Park Ave. Suite 2750  
Oklahoma City, Oklahoma 73102

**Date:** 08/04/08  
**Lease:** Van Cleave, Leland E.  
**County:** Neosho  
**Well#:** 4-2  
**API#:** 15-133-27473-00-00

**Ordered By:** Richard Marlin  
P.O. # ~~12345~~ 100487

**Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
0-23	Overburden	524-622	Sand and Sandy Shale
23-42	Lime	540	Gas Test 0" at 1/4" Choke
42-75	Shale	622-624	Lime
75-92	Lime	624-628	Sandy Shale
92-171	Shale	628-629	Coal
171-176	Lime	629-633	Sandy Shale
176-188	Sandy Shale	633-635	Coal
188-208	Sand	635-675	Sandy Shale
208-241	Sandy Shale	675-677	Coal
241-301	Lime	677-684	Sandy Shale
301-331	Shale	684-686	Coal
315	Gas Test 0" at 1/4" Choke	686-719	Sandy Shale
331-370	Sand	719-720	Coal
370-394	Sandy Shale	720-727	Sand
394-427	Lime	727-738	Sandy Shale
427-440	Sandy Shale	738-739	Coal
440-444	Lime	739-770	Sandy Shale
444-470	Sandy Shale	770-780	Sand
470-473	Black Shale and Coal	780-812	Sandy Shale
473-479	Sandy Shale	812-815	Coal
479-502	Lime	815-868	Shale
502-509	Black Shale	868-870	Coal
509-520	Lime	870-874	Sandy Shale
520-524	Black Shale and Coal	874-876	Coal

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**Date:** 08/04/08  
**Lease:** Van Cleave, Leland E.  
**County:** Neosho  
**Well#:** 4-2  
**API#:** 15-133-27473-00-00

**Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
876-929	Sandy Shale		
890	Gas Test 2" at 1/2" Choke		
929-932	Coal		
932-937	Shale		
933	Gas Test 25" at 1/2" Choke		
937-1052	Mississippi Lime		
965	Gas Test 25" at 1/2" Choke		
1052	Gas Test 25" at 1/2" Choke		
1052	TD		
	Surface 23'		

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