

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/20/10

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: TXD/Foxe  
 License: 33837  
 Wellsite Geologist: Ken Recoy  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Exp., 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>4-25-08</u>	<u>5-30-08</u>	<u>5-31-08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15-099-24353-0000  
 County: Labette  
 \_\_\_\_\_ NE SW Sec. 23 Twp. 34 S. R. 18  East  West  
1980 feet from (S) N (circle one) Line of Section  
1980 feet from E (W) (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW (SW)  
 Lease Name: Brown, Charles F. Well #: 23-1  
 Field Name: Cherokee Basin CBM  
 Producing Formation: Not Yet Complete  
 Elevation: Ground: 872 Kelly Bushing: n/a  
 Total Depth: 937 Plug Back Total Depth: 930.87  
 Amount of Surface Pipe Set and Cemented at 21.5 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 930.87  
 feet depth to surface w/ 120 sx cmt.

**Drilling Fluid Management Plan** ATTN: 10-13-08  
 (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: 8-20-08  
 Subscribed and sworn to before me this 20<sup>th</sup> day of August,  
2008.  
 Notary Public: Terra Klauman  
 Date Commission Expires: 8-4-2010

**TERRA KLAUMAN**  
 Notary Public - State of Kansas  
 My Appt. Expires 8-4-2010

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

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 AUG 22 2008

CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Brown, Charles F. Well #: 23-1  
 Sec. 23 Twp. 34 S. R. 18  East  West County: Labette

**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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Compensated Density Neutron Log</b> <b>Dual Induction Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum See attached
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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	21.5	"A"	5	
Production	7-7/8	5-1/2	14.5	930.87	"A"	120	

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

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>Waiting on Pipeline</u>	Packer At <u>n/a</u>	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. <u>n/a</u>	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 \_\_\_\_\_



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

*KM my 8/22/08*

TICKET NUMBER 6683

FIELD TICKET REF #

FOREMAN Joe

SSI 627690

API 15-099-24353

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
5-30-8	BROWN Charles F. 23-1		23	34	18	LB	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	6:45	11:45		903427		5	<i>Joe Brown</i>
Tyler	7:00	2:00		903255		7	<i>Tyler</i>
MAVERICK	7:00	2:00		903600		7	<i>120</i>
DANIEL	7:00	11:35 AM		904235		4.75	<i>Daniel</i>

JOB TYPE long stroke HOLE SIZE 7 7/8 HOLE DEPTH 936 CASING SIZE & WEIGHT 5 1/2 14#  
 CASING DEPTH 930.87 DRILL PIPE CONFIDENTIAL TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL AUG 20 2008 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 22.16 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

*KCC*  
 Installed cement head RA, 2 SKS gel & 14 BBLs & 1 SK gel & 100 SKS  
of cement to get due to surface. Flush pump. Pump wiper plug to bottom  
 & 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	
		Transport Truck	
		Transport Trailer	
904235	1	80 Vac	
	930.87	Casing 5 1/2	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	1	Frac Baffles <u>4 1/2</u>	
	100 SK	Portland Cement	
	25 SK	Gilsonite	
	1 SK	Flo-Seal	
	10 SK	Premium Gel	
	3 SK	Cal Chloride	
	1 gal	KCL	
	7000 gal	City Water	

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CONSERVATION DIVISION  
WICHITA, KS

*KW*  
*my*  
*8/22/08*

**FOXFE ENERGY SERVICES**

**DRILLERS LOG**

**FOXFE ENERGY SERVICES**

<b>RIG #</b>	101		<b>S.</b>	23	<b>T.</b>	34	<b>R.</b>	18	<b>GAS TESTS:</b>			
<b>API #</b>	099-24353		<b>County:</b>	Labette		285'	5 - 1/2"	14.1	316'	8 - 1/2"	17.2	
<b>Elev.:</b>	872'		<b>Location:</b>	Kansas		378'	12 - 1/2"	21.9	409'	12 - 1/2"	21.9	
<b>Operator:</b>	Quest Cherokee LLC		440'	12 - 1/2"	21.9	471'	12 - 1/2"	21.9	<b>WELL #</b>	23-1	<b>Lease Name:</b>	Brown, Charles
<b>Address</b>	9520 N. May Ave., Suite 300		502'	12 - 1/2"	21.9	533'	12 - 1/2"	21.9	<b>Footage location</b>	1980 ft. from the	<b>S</b>	line
	Oklahoma City, OK. 73120		564'	12 - 1/2"	21.9					1980 ft. from the	<b>W</b>	line
<b>Drilling Contractor:</b>	<b>FOXFE ENERGY SERVICES</b>		657'	18 - 1/2"	26.6				<b>Drilling Contractor:</b>	<b>FOXFE ENERGY SERVICES</b>		
<b>Spud Date:</b>	4-25-08		688'	10 - 1/2"	19.9				<b>Spud Date:</b>	4-25-08		
<b>Date Complete:</b>	5-30-08		750'	8 - 1/2"	17.2				<b>Geologist:</b>			
<b>Exact Spot Location</b>	NE SW		812'	5 - 1/2"	14.1				<b>Total Depth:</b>	936'		
<b>Casing Record</b>			843'	8 - 1/2"	17.2				<b>Exact Spot Location</b>	NE SW		
	Surface	Production	936'	5 - 1/2"	14.1				<b>Casing Record</b>			
<b>Size Hole</b>	12-1/4"	7-7/8"										
<b>Size Casing</b>	8-5/8"	5-1/2"										
<b>Weight</b>	24#	15-1/2#										
<b>Setting Depth</b>	22'											
<b>Type Cement</b>	port											
<b>Sacks</b>		5										

**WELL LOG**

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	22	lime	324	327	sand	487	502
sand	22	44	sand	327	362	shale	502	517
shale	44	81	shale	362	371	coal	517	519
sand	81	101	b.shale	371	374	shale	519	522
shale	101	143	coal	374	376	b.shale/coal	522	526
lime	143	147	shale	376	388	shale	526	552
shale	147	157	coal	388	389	coal	552	553
sand	157	159	sand	389	401	shale	553	631
lime	159	170	shale	401	411	coal	631	632
b.shale	170	172	lime	411	414	shale	632	660
shale	172	173	coal	414	415	coal	660	662
coal	173	174	shale	415	418	shale	662	726
lime	174	197	coal	418	420	coal	726	728
shale	197	215	sand/shale	420	428	shale	728	787
sand/shale	215	238	coal	428	429	sand	787	802
lime	238	277	shale	429	442	shale	802	807
b.shale/coal	277	279	lime	442	445	coal	807	808
shale	279	284	shale	445	447	shale	808	815
sand	284	294	coal	447	449	lime/mississ	815	936
lime	294	310	sand	449	473			
b.shale/coal	310	313	shale	473	486			
sand	313	324	coal	486	487			

Comments: 389-401' wet, 409' injected water

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