

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

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: Gary Laswell
Phone: (620) 431-9500
Contractor: Name: M.O.K.A.T.
License: 5831

Wellsite Geologist: Thomas Oast

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>10/07/04</u>	<u>10/08/04</u>	<u>10/18/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23641-00-00

County: Labette

E2 W2 ne - se Sec. 12 Twp. 31 S. R. 18 East West

1980 feet from (S) N (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Greenwood, Charles R. Well #: 12-1

Field Name: Cherokee Basin CBM

Producing Formation: Summit/Mulky/Riverton/Neutral/Rowe/Tebo/Fleming/Crowberg/Bevier

Elevation: Ground: 916 Kelly Bushing: n/a

Total Depth: 955 Plug Back Total Depth: 950

Amount of Surface Pipe Set and Cemented at 21.7 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 950

feet depth to Surface w/ 112 _____ sx cmt.

ACT II WITH 8-23-06

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: [Signature]

Title: Head of Operations Date: 4/17/06

Subscribed and sworn to before me this 17th day of April,

20 06.

Notary Public: [Signature]

Date Commission Expires: July 30, 2009

KCC Office Use ONLY

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

JENNIFER AMMANN
Notary Public - State of Kansas
My Appt. Expires July 31, 2009

Operator Name: Quest Cherokee, LLC Lease Name: Greenwood, Charles R. Well #: 12-1
 Sec. 12 Twp. 31 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name See attached	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Comp. Density/Neutron Log Dual Induction Log Gamma Ray/Neutron Log		RECEIVED KANSAS CORPORATION COMMISSION APR 18 2006 CONSERVATION DIVISION WICHITA, KS	

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"	20#	21.7'	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	950'	"A"	112	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	468-472.5/492.5-497	403 bbls H2O, 20# HEC, 2% KCL, Biocide, Max flo, 1000# 20/40, 13900# 10/20 sand	468-472.5/492.5-497
		557 bbls, No gel, 2% KCL, Biocide, Max flo, 133 sks 20/40 sand	697-700/624-626/
			593-597/566-568
		400 gal 15% acid w/25 bbls 2% KCL	866-868/850-852
			/844-846

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	750.34'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 2/01/06	Producing Method
	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	13.9 mcf	2.8 bbls		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i>	_____ _____

Air Drilling
Specialist
Oil and Gas Wells



M.O.K.A.T. DRILLING
Office Phone: (620) 879-5377



P.O. Box 590
Caney, KS 67333

Operator	QUEST CHEROKEE LLC.	Well No.	12-1	Lease	GREENWOOD	Loc.	1/4	1/4	1/4	Sec.	12	Twp.	31	Rge.	18
		County	LABETTE	State	KS	Type/Well		Depth	955'	Hours		Date Started	10-07-04	Date Complete	10-08-04
Job No.		Casing Used	21' 7" OF 8 5/8"		Bit Record				Coring Record						
Driller	BILLY	Cement Used			Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller		Rig No.	2				6 3/4"								
		Hammer No.													

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Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	2	DIRT	433	440	SHALE	728	735	SAND			
2	8	SAND (DAMP)	440	441	LIME (OSWEGO)	735	795	SHALE			
8	19	SHALE	441	442	SHALE	795	801	SANDY SHALE			
19	43	LIME (DAMP)	442	466	LIME	801	830	SHALE			
43	130	SHALE	466	468	SHALE (SUMMIT)	830	833	SAND			
130	135	BLACK SHALE	468	476	BLACK SHALE	833	834	COAL (ROWE)			
135	147	LIMEY SHALE	476	491	LIME	834	842	SHALE			
147	160	SAND	487		WENT TO WATER	838		GAS TEST 9 1/2# 1/8"			
160	191	SHALE	467		GAS TEST NO GAS	842	843	COAL (NEUTRAL)			
191	209	LIME	491	495	BLACK SHALE (MULKEY)	843	850	SHALE			
209	214	LIMEY SHALE	495	496	COAL	850	851	COAL (UPPER RIVERTON)			
214	216	BLACK SHALE	496	497	SHALE	851	871	SHALE			
216	222	SHALE	497	520	SAND	868		GAS TEST SAME			
223	223	COAL	512		GAS TEST NO GAS	871	873	COAL (RIVERTON)			
223	227	LIMEY SHALE	520	566	SHALE	873	894	SHALE			
227	234	LIME	566	567	COAL (BEVIER)	888		GAS TEST SAME			
234	239	SHALE	567	578	SHALE	894	905	SAND			
239	252	LIME	578	579	COAL	905	928	LIME CHAT (MISSISSIPPI)			
252	272	SANDY SHALE	579	587	SANDY SHALE	913		GAS TEST 23# 3/8"			
272	322	SHALE	587		GAS TEST NO GAS	928	955	GREY LIME			
322	328	LIME	587	589	LIME	955		GAS TEST 5# 3/4"			
328	358	SHALE	589	600	BLACK SHALE						
358	359	BLACK SHALE (MULBERRY)	600	601	LIME			T.D. 955'			
359	364	SANDY SHALE	601	621	SHALE						
364	381	LIME (PAWNEE)	621	622	COAL						
381	383	SHALE (DAMP)	622	665	SHALE						
383	390	BLACK SHALE (LEXINGTON)	638		GAS TEST 9 1/2# 1/8"						
390	398	SAND	665	669	SAND						
398	430	SHALE	669	695	SHALE						
412		GAS TEST NO GAS	695	700	BLACK SHALE						
430	433	BLACK SHALE	700	728	SHALE						

QUEST CHEROKEE OILFIELD SERVICE
 211 WEST 14TH
 CHANUTE, KS 66720
 320-431-9500

NET NUMBER _____
 LOCATION Chanute
 FOREMAN John Nichols

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER				SECTION	TOWNSHIP	RANGE	COUNTY
10-18-04		Greenwood, Charles R # 12-1				12	31S	18E	28
FOREMAN-CREWMAN-OPERATOR	TIME IN	TIME OUT	HOURS WORKED	TRUCK HOURS	TRUCK #	DRIVER	TRUCK #	DRIVER	
Craig	12:30	2:45			197	Craig			
Wes	12:30	2:45			703	WES			
TIM	12:30	2:45			140	TIM			
Rodney	12:30	2:45			286	Rodney			

JOB TYPE Long-string HOLE SIZE 6 3/4 HOLE DEPTH 955' CASING SIZE & WEIGHT 4 1/2 - 10.5
 CASING DEPTH 950 DRILL PIPE _____ TUBING _____ OTHER 0
 CURRY WEIGHT 13.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 15.1 DISPLACEMENT PSI 600 MIX PSI 200 RATE _____

REMARKS: Circulate w/ fresh H₂O; gel ahead; run 9 bbl of dye w/ 15 gal sodium silicate; Cement until dye returns; flush pump; pump plug w/ KCl water; Set float shoe

Wash down 8 ft. of casing; Yes (No) - Circulate gel to surface w/ H₂O before cementing
(owc; 5* gilsonite; 1/4* flo-seal)

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1-Well	PUMP CHARGE <u>Cement pump</u>		355.00
	38 mi	MILEAGE		112.50
	1' sk	<u>gilsonite</u>		76.45
	1' sk	<u>flo-seal</u>		10.61
	1' sk	<u>premium gel</u>		4.56
	1 gal	<u>KCl</u>		9.90
	15 gal	<u>sodium silicate</u>		161.50
	5796 gal	<u>city water (138 bbl)</u>		33.32
	2 hr ¹⁵	<u>Transport</u>		94.50
	106 sk	<u>owc cement (112 sk total)</u>		643.04
	2 hr ¹⁵	<u>80 Vac</u>		87.75

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SALES TAX
 ESTIMATED TOTAL 1509.13