# CONFIDENTIAL

## 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**

Operator: License # 33344	API No. 15 - 133-27100-0000
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	seneSec. 17 Twp. 27 S. R. 19
City/State/Zip: Chanute, KS 66720	1980 feet from S /(N) circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	660 feet from E/ W (circle one) Line of Section
Operator Contact Person: Jennifer R. Ammann	Footages Calculated from Nearest Outside Section Corner:
Phone: (620 ) 431-9500	(circle one) NE SE NW SW
Contractor: Name: Michael	Lease Name: Greve, Merle D. Well #: 17-1
icense: 33783	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 990 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1086 Plug Back Total Depth: 1081.76
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 23 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?  ☐Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1081.76
Operator:	feet depth to surface w/_ 166sx cmt.
Well Name:	·
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan ATTIN 31739 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride contentppm Fluid volumebbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
Other (GWD of Elitin.:)	Lease Name: License No.:
8/17/07         8/18/07         8/22/07           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec TwpS. R 🔲 East 🗌 West
Recompletion Date    Date   Da	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workow Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regul herein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
0. 1. 20	KCC Office Use ONLY
Signature: Genneral B. Gennann	=   \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Title: New Well Development Coordinator Date: 12/14/07	Letter of Confidentiality Received
Subscribed and sworn to before me this 14th day of	tf Denied, Yes Date:
20 <u>07</u> .	_V Wireline Log Received RECEIVED
- d/A	Geologist Report Received KANSAS CORPORATION COMMISSI
Notary Public: Devra Reauman	UIC Distribution DEC 1 8 2007
	RA KLAUMAN
	ublic - State of Kansas CONSERVATION DIVISION WICHITA, KS
my Appl. Expires	· 1

#### Side Two

Operator Name: Qu	est Cherokee, LL	C		Lease	Name:	Greve, Merle D	). 	_ Well #: <u>17-1</u>			
Sec Twp2		✓ East		County	Neost	0				•	
INSTRUCTIONS: SI tested, time tool oper temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shut- s if gas to	in pressures, surface test, a	whether sh long with fi	ut-in pre	essure reached	static level, hydro	static pressur	es, bottoi	m hole	
Drill Stem Tests Take		Ye	es <b>√</b> No		<b></b> ✓L	og Format	ion (Top), Depth a	ınd Datum		Sample	
Samples Sent to Geo	ological Survey	☐ Ye	es 🗹 No		Name Top See attached					Datum	
Cores Taken											
List All E. Logs Run:											
Compensated I Dual Induction Gamma Ray N	Log	Log									
		Repor		RECORD		ew Used ermediate, produc	ction etc				
Purpose of String	Size Hole Drilled	Siz	e Casing (In O.D.)	Weig	ht	Setting Depth	Type of Cement	# Sacks Used		and Percent	
Surface	12-1/4	8-5/8"		22		23	"A"	5		Additives	
Production	6-3/4	4-1/2		10.5		1081.76	"A"	166			
					,						
			ADDITIONAL	CEMENTIN	IG / SQI	JEEZE RECORI	D				
Purpose: Depth Top Bottom Perforate Top Bottom Protect Casing Plug Back TD Plug Off Zone		Type of Cement #Sacks			Used Type and Percent Additives						
Shots Per Foot	PERFORATI	ON RECOR	D - Bridge Plug	s Set/Type			acture, Shot, Cemen		d	5 4	
4	970-972/964-967	rootage of E	ach Interval Per	forated						Depth 970-972/964-967	
370-37230T-301											
4	818-820/801-803/7	68-770/71	2-715/680-683	3	400gal 15%HCLw/ 49 bbls 2%kcl water, 646bbls water w/ 2% KCL, Biocide, 4600# 20/40 send 818-820/801-803						
									768-770	712-715/680-683	
4 579-583/568-572						300gal 15%HCLw/ 47 bbts 2%kc/ water, 646bbts water w/ 2% KCL. Blocide, 5600# 20/40 send 579-583/568-572					
TUBING RECORD 2-3	Size 3/8*	Set At 1012	г	Packer At		Liner Run	Yes   ✓ No		·		
Date of First, Resumen	d Production, SWD or E	nhr.	Producing Meth	_	Flowin	g 📝 Pump	ing Gas Lif	t Othe	er (Explain)	)	
Estimated Production Per 24 Hours		Bbls.		Mcf	Wate		Bbls. G	as-Oil Ratio		Gravity	
Disposition of Gas	n/a METHOD OF C	OMPLETIO	Omcf N		267.7	Production Inte	rval -		••	<del></del>	
Vented ✓ Sold	Used on Lease		Open Hole Other (Speci	✓ Perf.		Dually Comp.	Commingled _				

081807

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

Company:

Quest Cherokee LLC

Address:

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date: 08/18/07

Lease: Greve, Merie D.

County: Neosho

Well#: 17-1

API#: 15-133-27100-00-00

### **Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
0-22	Overburden	581-583	Coal
22-34	Lime	583-655	Sandy Shale
34-45	Shale	585	Gas Test 33# at 1/2" Choke
45-114	Lime	655-657	Coal
114-128	Sandy Shale	657-675	Shale
128-160	Lime	675-676	Lime
160-188	Shale	676-677	Coal
188-230	Sandy Shale	677-710	Sandy Shale
230-340	Shale	710-712	Coal
340-343	Lime	712-732	Sand
343-374	Shale	732-733	Coal
374-404	Lime Streaks	733-762	Shale
404-453	Sandy Shale	762-764	Coal
453-456	Lime	764-800	Shale
456-459	Coal	800-802	Coal
459-505	Lime	802-810	Sand RECEIVED KANSAS CORPORATION COMMISSIN
505-508	Black Shale	810-811	Coal
508-539	Shale	811-870	Shale DEC 1 8 2007
539-540	Coal	870-962	Sand CONSERVATION DIVISION MICHITALIES
540-565	I.ime	962-964	Coal
557	Gas Test 30# at 3/8" Choke	964-977	Shale
565-572	Black Shale	966	Gas Test 10# at 3/4" Choke
572-579	Lime	977-1084	Mississippi Lime
579-581	Black Shale -	984	Gas Test 10# at 3/4" Choke

081807

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

Company:

Quest Cherokee LLC

Address:

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date: 08/18/07

Lease: G

Greve, Merie D.

County: Neosho

Well#:

17-1

API#: 15-133-27100-00-00

#### **Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
084	Gas Test 10# at 3/4" Choke		
1084	TD		
	Surface 22'		
· · · · · · · · · · · · · · · · · · ·			
			ROC
***			
		<del></del>	
<del></del>			
****			
			KANSAS CORPORATION COM
			DEC-1 8 2007
<del></del>			CONSERVATION DIVE
			Chamber of



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

TICKET NUMBER 2174
FIELD TICKET REF #
FOREMAN Durayne / Joe

19 M

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE		WELL	NAME & NUMBER	}		SECTION	TOWNSHIP	RANG		4
8-22-07	Greve	Mer	1c 17-1			17	27	19	No	]
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #		TRAILER #	TRUC HOUF	RS .	EMPLOYEE SIGNATURE	
DWAYN / JO	10:45	1:30	No	901640				75 15	Ju Bling	1000
Mavirick	10:45			903/97			2.7	5 11	MNW	
Tylor	10:45			903600				4~		4
Kevin :	10 45			931300	9	32895		10	M	4
Gory C	10:45		1/	93/500	<u> </u>	7 37	1:1	60	AT Contain	\$
	10:45		<del></del>	903140	<del></del>	1 1 2 2 2 2 2			4/L = =	 -
JOB TYPE Long S	1/1.09 HOLES	SIZE	H	HOLE DEPTH	84	· CAS	ING SIZE & V	VEIGHT_	1-4 70.	<u>,</u>
CASING DEPTH 10	81.76 DRILL	PIPE	T	TUBING		OTH	ER	040010		-
SLURRY WEIGHT_/	SLURF	Y VOL	v	WATER gal/sk		CEN	ENT LEFT in	CASING		- ,
DISPLACEMENT	7:25 DISPL	ACEMENT PS	SI N	MIX PSI		RAT	E7 &	1211		-
REMARKS:	7						-t ,		v/ 5	
TNSTAILED	Comenty	read Re	UN SZKZ	i gel d	11	ppl gide	2 9 /6	06 <u>21</u>	S) 67 COMP	NT TO
at due to	Surface.	flusky	rus p. lu	MP WIPER P	مارم	to be	HOM a	13017	In-15 hoe	-
			· · · · · · · · · · · · · · · · · · ·							-
										_
										_
										-
						·		- <del>1</del> 1 2 1 1	3 2607	_
		-						77		$\neg$
	1681.70	,	4 7 (	csing,			<del>-</del> -		<u> </u>	-}
	5		45 0	4 = Casing 4 = centralizers					<del></del>	-\
			4 = F	4 = Float Shoe						
ACCOUNT CODE	QUANTITY or	UNITS	DESCRIPTION OF SERVICES OR PRODUCT						TOTAL AMOUNT	
	6:7	5 2	Foreman Pickup							
903197	2.7		Cement Pump True	ck						_
903 500	ر ر	5 40	Bulk Truck	Bulk Truck ,						_
1104		Suck	Portland Cement						_	
1124			50/50 POZ Blend Cement							
1126	/		Wiper Plug						-	
1110	110	Sack	Gilsonite						$\dashv$	
1107	]-	5.50cK	Flo-Seal	<u>*</u>		·····	KANK	RE(	CEIVED	-
1118	2	Sick	Premium Gel				,446		PRATION COMMISSIO	N_
1215A	/	6-1	KCL	0 (6)				DEC	8 2007	
1111B	3	Sock		Cal Claride	-	<del></del> .			- 2001	
1123	7000		City Water					1 30 4 40		-
903142		5- 41	Transport Truck	·					<del>                                     </del>	$\dashv$
T33	2.7	5 1/	Transport Trailer							$\dashv$
G31620	7, -74	~ <i>6</i> /	HU VAC						·	

Ravin 4513