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	API No. 15 - 133-26353 - 00-00
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	c _ ne _ sw Sec. 4 Twp. 30 S. R. 19
City/State/Zip: Chanute, KS 66720	1980 feet from S) / N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	2100 feet from E (W)(circle one) Line of Section
Operator Contact Person: Gary Laswell	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>620</u>) <u>431-9500</u>	(circle one) NE SE NW (SW)
Contractor: Name: Blue Ribbon Drilling, LLC	Lease Name: Van Cleave, Leland E. Well #: 4-1
License: 33081	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 976 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1016 Plug Back Total Depth: 1012.04
Oil SWD SIOW Temp. 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 1012.04
Operator:	feet depth to surface w/ 113 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit) Drilling Fluid Management Plan A + II N/R
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
3/14/06 3/15/06 3/23/06 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	h the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver 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
Signature:	KCC Office Use ONLY
Hood of Operations 7/11/06	
Title: Tead of Operations Date: 7717/00	
Subscribed and sworn to before me this ## day of	Wireline Log Received JUL 1 3 2006
20 06	Geologist Report Received
Notary Public: Quantum R. Ammann	Geologist Report Received CONSERVATION DIVISION WICHITA, KS
0 4 20 2008 A	JENNIFER R. AMMANN
Date Commission Expires: July 30, 3004	Notary Public - State of Kapsas

My Appt. Expires 7-30-09

Operator Name:	uest Cherokee, Li					van Cleave,	Leianu E.	Well #: 4-1	
Sec. 4 Twp.	30 S. R. 19	✓ Ea	st 🗌 West	Coun	ty: Neo:	sho			
tested, time tool op temperature, fluid r	Show important tops en and closed, flowin ecovery, and flow rate egs surveyed. Attach	ng and sh es if gas t	ut-in pressures, to surface test,	whether s along with	shut-in pi	ressure reache	d static level, hyd	rostatic pressur	
Drill Stem Tests Taken (Attach Additional Sheets) ✓ No				√	✓ Log Formation (Top), Depth and Datum Sa			Sample	
Samples Sent to G	mples Sent to Geological Survey				Name Top Dat See Attached				Datum
Cores Taken Electric Log Run (Submit Copy)		_	Yes No						
List All E. Logs Rur	n:								
Gamma Ray Compensated Dual Induction	d Density Neutr	on Log							
		Rep	CASING -ort all strings set	RECORD conductor, s		lew 🔲 Used termediate, produ	ction. etc.		
Purpose of String	Size Hole Drilled	S	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#		23'	"A"	10	Additives
Production	6-3/4"	4-1/2"		10.5#		1012.04	"A"	113	
			ADDITIONAL	CEMENT	ING / SQ	UEEZE RECOR	D		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone		Type of Cement		#Sack	s Used		Type and	Percent Additives	
Shots Per Foot	hots Per Foot PERFORATION RECORD - Bridge Plugs Set Specify Footage of Each Interval Perforated						acture, Shot, Ceme Amount and Kind of N		d Depth
4	918-921/861-86	3				300gal 15% HCL w/ 27	bbls 2% kcl water, 401hbls wat	ter w/ 2% KCL, Blockle 7500	918-921/861-863
4	647-649/616-61			•	300gal 15% HCL w/ 31 bbls 2% kd water, 408bbls water w/ 2% KCL, Blodde 6000# 30/70 sand 647-649/616-618				
4	499-503/485-48	8				300gal 15% HCl, w/ 33 I	obis 2% kcl water, 520bbis wate	er w/ 2% KCL, Blocide 10000/	30/70 sand 499-503/485-488
TUBING RECORD	Size	Set A		Packer	At				
	-3/8" erd Production, SWD or E	937 Enhr.	Producing Met		Flowin	g √ Pump	Yes No		r (Explain)
Estimated Production Per 24 Hours	oii n/a	Bbis.	Gas 5.4mcf	Mcf	Wat	er I		Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF (COMPLET	<u> </u>			Production Inte	rval		
Vented ✓ Sold (If vented, S	Used on Lease		Open Hole Other (Speci	✓ Peri	f. [Dually Comp.	Commingled		



DATE

3-23-06

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

Van Cleave

TICKET NUMB	SER 1332
FIELD TICKET	
FOREMAN	Joe

RANGE

19

COUNTY

NO

TREATMENT REPORT & FIELD TICKET CEMENT

4-1

SECTION

4

TOWNSHIP

30

WELL NAME & NUMBER

Leland

FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE	
Joe. B	7.00	10:15		903388		3.25	you Blonches.	
Tim. A	700)		903197		3.25	La and	
Pussell A	7:30			903		2.75	hon	
david c	7:15			903296	932452	3	Land Elder	
Jeww. H	6:45			103106		3.50	Jerry L Hamis	
MAVEVICK	7:00	4		lextra		3.25	41/2 9 5	
MAVEVICE O 700 EXTRA 3.25 John Size & WEIGHT 1/1/2 JOB TYPE LONG STYLING HOLE SIZE G 3/4 HOLE DEPTH 10/6 CASING SIZE & WEIGHT 1/1/2 CASING DEPTH 10/2 OH DRILL PIPE TUBING OTHER SLURRY WEIGHT 14.5 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING O								
CASING DEPTH /0/2 OH DRILL PIPE TUBING OTHER								
SLURRY WEIGHT_12	4.5 SLURR	Y VOL	<u> </u>	WATER gai/sk	CEME	ENT LEFT in CASING		
DISPLACEMENT_16	그 DISPLA	CEMENT P	'SI 1	MIX PSI	RATE	3.8 bp	M	
REMARKS:								
PAN 15K	- Drem a	el 5u	40+40 SL	sface. Ins	talled ceme	int head	RAN ISK due to Flootshoo	
all d	10 66	1 24	o + 1	20 5K5	of concu	+ to get	-dye to	
Sur face	. Flush	DUDD	. Pumper	1 Wiper D	lua to both	EM 4 set	Floatshac	
		7-7	7	7			1214	

				,				
					BECI	EIVED		
	1012	.04	F+ 111/2	Casing		ATION COMMISSION		
		4	Centraliz	J	JUL 1	3 2006		
931300		2 hc	Casina			,		
930804	, ,		Casing		CONSERVAT WICH	ION DIVISION ITA, K8		
ACCOUNT CODE	QUANTITY or U	JNITS		DESCRIPTION OF SE	ERVICES OR PRODUC		TOTAL AMOUNT	
903388	3,24	5 hr	Foreman Pickup					
903197	3.2° 3.2°	5 hr	Cement Pump Truc	ok .				
903103	2.75	hr	Bulk Truck		\$			
1104	//	3 SK	Portland Cement					
1124	2			Cement BASSICS		<i>H</i>		
1126	<u> </u>		OWC - Blend Cem	ונט "מ'יול ent	per plus		-	
1110			Gilsonite					
1107		3K	Flo-Seal					
1118		2 5K	Premium Gel				 	
1215A	1501		KCL	- 1 1 1 1				
1111B	-i.	2 5K		calchloride				
1123	7000 90		City Water	- 11 - 11 - 11 - 11 - 11 - 11 - 11 - 1			+	
903296		3 /	Transport Truck	<u> </u>				
932452	3.5	2 K3	Transport Trailer				+	
	ر. ر	۲,	80 Vac	1 1 1 - 1				
Ravin 4513)	111/2 +	loatshor.				



				<u> </u>	ν 					
			D	ata from I	Priller's L	og		Blue	Ribbon	
VELL NAME:	VanCleave, Lel	SECTION:	/ww/	4		REPORT #:		SPUD DAT	E 3/14/2006	···········
NELL #:	4-1			30S		DEPTH:	1016			•
TELD:	Cherokee Basir	RANGE:		19E		PBTD:				
COUNTY:	Neosho	ELEVATION:		976		FOOTAGE:	1980	FT FROM	South	LINE
STATE:	Kansas	API#:	À	15-133-2	6353-00-0	00	2100	FT FROM	West	LINE
			16276			4-28-86		C	NE SW	-,
ACTIVITY DES	SCRIPTION:									
Blue Ribbon, Ke	vin Applington, c	drilled to TD 1016	ft. on 3/	15/06.						
GAS SHOWS:		Gas Measured					COMMEN	ΓS:		
Mulberry Coal		0 m	cf/day @)		FT. *				
Lexington Shale			cf/day @		402-403			at 464 ft. No	• • • • • • • • • • • • • • • • • • • •	
Summit Shale &			cf/day @		481-487			at 488 ft. No		
Mulky Shale &	Coal		cf/day @		497-502		Gas check	at 513 ft. No	flow	
Bevier Coal			cf/day @		580-582					
Verdigris Limes			cf/day @			FT. *				
Croweburg Coa	l & Shale		cf/day @			FT. *				
Fleming Coal			cf/day @		644-645					
Weir Coal			cf/day @		705-707					
Bartlesville San	<u>d</u>		cf/day @		707-725		- <u></u>			
Rowe Coal			cf/day @		860-862		7 mcf/day f	rom this are	a. Gas check a	t 890 ft.
Neutral Coal	*********		cf/day @			FT. *				
Riverton Coal			cf/day @		914-917					
Mississippi			cf/day @		p at 922	FT.			ea. Gas check	at 922 ft
			cf/day @					at 941 ft V		
TD: 1016 ft.		12 m	cf/day @	}			GCS. Gas	check at TD	1016 π.	
	Formation Top	s and Casing Reco	ommenda	tion made	without b	enefit of view	ing open-hole	logs first.		
Surface Casing										
	@ 23' 0"						•			
Surface Casing	@ 23' 0" Size: 8 5/8" MENTS:						•			
Surface Casing OTHER COMN Information in (@ 23' 0" Size: 8 5/8" MENTS: this report was t	taken directly fro			d written	notes. All d	epths and or	ifice checks	reflect what the	
Surface Casing OTHER COMN Information in (@ 23' 0" Size: 8 5/8" MENTS: this report was t	taken directly fro activities. Below			d written	notes. All d	epths and or	ifice checks I	reflect what the	
Surface Casing OTHER COMN Information in (@ 23' 0" Size: 8 5/8" MENTS: this report was t				d written	notes. All d	epths and or	ifice checks :	reflect what the	
Surface Casing OTHER COMN Information in to driller recorded	@ 23' 0" Size: 8 5/8" MENTS: this report was t	activities. Below			d written	notes. All d	epths and or	ifice checks (reflect what the	
Surface Casing OTHER COMN Information in to driller recorded Pawnee LS / Pinl	@ 23' 0" Size: 8 5/8" MENTS: this report was t	activities. Below			d written	notes. All d	epths and or	ifice checks	reflect what the	
Surface Casing OTHER COMN Information in to driller recorded Pawnee LS / Pinl Stray Coal	@ 23' 0" Size: 8 5/8" MENTS: this report was t	378-402 409-413			d written	notes. All d	epths and or	ifice checks	reflect what the	
Surface Casing: OTHER COMM Information in to driller recorded Pawnee LS / Pinl Stray Coal Stray Coal	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456			d written	notes. All d	epths and or	ifice checks	reflect what the	
Surface Casing: OTHER COMM Information in to driller recorded Pawnee LS / Pinl Stray Coal Stray Coal Oswego Limesto	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456 460-481			d written	notes. All d	epths and or	ifice checks	reflect what the	
OTHER COMM Information in to driller recorded Pawnee LS / Pinl Stray Coal Stray Coal Oswego Limesto Mineral Coal	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456 460-481 659-660			d written		RECE	EIVED		
OTHER COMM Information in the driller recorded Pawnee LS / Pinl Stray Coal Stray Coal Oswego Limesto Mineral Coal Scammon Coal	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456 460-481 659-660 669-670			d written		RECE	EIVED		
OTHER COMM Information in the direction of the direction	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456 460-481 659-660 669-670 690-691			d writter		R&CE S CORPORA	EIVED		
OTHER COMM Information in to driller recorded Pawnee LS / Pinl Stray Coal Stray Coal Oswego Limesto Mineral Coal Scammon Coal Tebo Coal Bluejacket Coal	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456 460-481 659-660 669-670			d written		R&CE S CORPORA	EIVED		
	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456 460-481 659-660 669-670 690-691 725-729				KANSA	RISCE CORPORA JUL 1	EIVED ITION COMM 3 2006 ON DIVISION	MISSION	
OTHER COMM Information in to driller recorded Pawnee LS / Pinl Stray Coal Stray Coal Oswego Limesto Mineral Coal Scammon Coal Tebo Coal Bluejacket Coal Drywood Coal	@ 23' 0" Size: 8 5/8" MENTS: this report was to during drilling	378-402 409-413 454-456 460-481 659-660 669-670 690-691 725-729 780-781	Zones f	yi only.		KANSA	RESCE SCORPORA JUL 1	EIVED ITION COMM 3 2006 ON DIVISION	MISSION	
Pawnee LS / Pinl Stray Coal Stray Coal Oswego Limesto Mineral Coal Scammon Coal Tebo Coal Bluejacket Coal Drywood Coal	@ 23' 0" Size: 8 5/8" MENTS: this report was t during drilling	378-402 409-413 454-456 460-481 659-660 669-670 690-691 725-729 780-781	Zones f			KANSA	RISCE CORPORA JUL 1	EIVED ITION COMM 3 2006 ON DIVISION	MISSION	
Surface Casing OTHER COMM Information in the driller recorded Pawnee LS / Pinl Stray Coal Oswego Limesto Mineral Coal Scammon Coal Tebo Coal Bluejacket Coal Drywood Coal CASING RECO	@ 23' 0" Size: 8 5/8" MENTS: this report was to during drilling k	378-402 409-413 454-456 460-481 659-660 669-670 690-691 725-729 780-781	v Zones f	yi only.	t to surfa	KANSA	RISCE CORPORA JUL 1	EIVED ITION COMM 3 2006 ON DIVISION	MISSION	



PQ BOX 279

Dewey, OK 74029-0279

Operator: Quest Cherokee

Lease/Well #: Van Cleave, Leland E. #4-1

Elevation:

Desc. County: Comm:

Casing:

Neosho

Sec 4, Twp 30S, Rge 19E

3/14/2006 23' of 8 5/8 State: Kansas

Cement w/ sacks: BRD w/ 10 sax

Comp: 3/15/2006

RECEIVED KANSAS CORPORATION COMMISSION

JUL 1 3 2006

Rotary TD: 1016'

CONSERVATION DIVISION WICHITA, KS

					4
Тор	Bottom	Formation	Тор	Bottom	Formation
0	1	Top soil	669	670	coal - 1'
1	20	sandy shale w/ shale mix	670	682	limy sand
20	91	lime w/ shale breaks	682	685	sandy shale
91	258	medium shale w/ lime streaks	685	690	shale w/ lime streaks
258	268	lime	690	691	coal - 1'
268	315	medium shale w/ lime streaks	691	705	shale w/ coal streaks
315	341	sand	705	707	coal - 1 1/2'
341	378	shale w/ sand streaks	707	725	sandy shale
378	402	lime	725	729	black shale w/ coal
402	403	black shale	729	735	limy sand
403	409	lime	735	742	sandy shale w/ lime streaks
409	413	black shale	742	780	shale w/ lime streaks
413	454	medium shale w/ lime streaks	780	781	coal - 1'
454	456	coal - 1 1/2'	781	860	shale w/ lime streaks
456	460	medium shale	860	862	coal - 2'
460	481	lime	862	891	dark & black shale w/ lime streaks
481	487	black shale	891	900	medium shale w/ sand streaks
487	489	shale	900	914	medium shale w/ lime streaks
489	497	lime	914	917	coal - 3'
497	502	black shale w/ coal	917	922	shale w/ lime streaks
502	505	medium shale w/ lime streaks	922	1016	gray & tan lime & chert
505	522	sandy shale		1016	TD
522	580	medium shale w/ lime streaks			
580	582	coal - 1 1/2'			
582	585	shale w/ lime streaks			
585	589	black shale w/ coal			
589	606	sandy shale w/ lime streaks			
606	610	shale w/ lime streaks			
610	617	medium shale w/ lime streaks			
617	644	sandy shale w/ lime streaks			
644	652	shale w/ lime streaks	*		
652	659	sandy shale w/ lime streaks			
659	660	coal - 1'			
660	669	sandy shale			

3 100	Gas Tests				
Test	Dept:h	Results			
1	464	1/8 at 0			
2	488	1/8 at 0			
3	513	1/8 at 0			
4	890	1/8 at 6 (7.06 mcf)			
5	922	1/8 at 41 (23.3 mcf)			
6	941	1/8 at 14 (11.6 mcf)			
7	1016	1/8 at 14 (11.6 mcf)			