KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344	API No. 15 - 099-24016 - 00-00					
Name: Quest Cherokee, LLC	County: Labette					
Address: 211 W. 14th Street	swneSec. 19 Twp. 31 S. R. 19					
City/State/Zip: Chanute, KS 66720	1980 feet from S (N)(circle one) Line of Section					
Purchaser: Bluestem Pipeline, LLC	1980 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: Blue Ribbon Drilling	Lease Name: Bowen Rev. Trust Well #: 19-1					
License: 33081	Field Name: Cherokee Basin CBM					
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple					
Designate Type of Completion:	Elevation: Ground: 928 Kelly Bushing: n/a					
New Well Re-Entry Workover	Total Depth: 943 Plug Back Total Depth: 939.49					
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 23' 1" Feet					
Gas SNHR SIGW	Multiple Stage Cementing Collar Used?					
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 939.49					
Operator:	feet denth to surface w/ 120					
Well Name:	Alt2-Dlg-12/3/8					
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan					
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)					
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls					
Commingled Docket No.	Dewatering method usedRECEIVED					
·	Location of fluid disposal if hauled offsite: KANSAS CORPORATION COMMISSIO					
Dual Completion Docket No	Operator Name:					
Other (SWD or Enhr.?) Docket No	Lease Name: License NONSERVATION DIVISION					
8/9/06 8/14/06 8/14/06	Quarter Sec TwpS. RWICHITAL KS West					
Spud Date or Date Reached TD Completion Date or 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 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	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.					
a La Da	KCC Office Use ONLY					
Now Well Development Coordinates 12/7/06	1					
ritle: New Well Development Coordinator Date: 12/7/06	Letter of Confidentiality Received					
Subscribed and sworn to before me this Today of December						
0000.	Wireline Log Received					
Notary Public: David Klauman	Geologist Report Received					
D 11 0 15 -	UIC Distribution					
Notary Pu	RA KLAUMAN blic - State of Kansas					

Operator Name: Qu	est Cherokee, LL	_C	Lease Nam	ne: Bowen Rev	Trust	Well #: 19-1	<u> </u>		
Sec. 19 Twp. 3	31 S. R. 19	✓ East West	County: La	abette	• <u></u>	<u>* 41.5 </u>	· · · · · · · · · · · · · · · · · · ·		
tested, time tool ope temperature, fluid re	en and closed, flowing covery, and flow rate	and base of formations p g and shut-in pressures es if gas to surface test, final geological well site	, whether shut-in along with final o	pressure reache	d static level, hyd	Irostatic pressure	s, bottom hole		
Drill Stem Tests Taken				Log Formation (Top), Dep			epth and Datum Sample		
Samples Sent to Ge	ological Survey	☐ Yes ☑ No	: 1	Name See attached		Тор	Datum		
Cores Taken Electric Log Run (Submit Copy)	res Taken Yes No			oo uuuonea					
List All E. Logs Run:									
Dual Inductio Compensated	n Log d Density Neu	tron Log							
		CASING Report all strings set	RECORD	New Used intermediate, produ	uction, 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	23' 1"	"A"	4	Additives		
Production	6-3/4	4-1/2	10.5	939.49	"A"	120			
		ADDITIONA	L CEMENTING /	SQUEEZE RECOR	RD	~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used		Type and	l Percent Additives			
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				
Δ	855-857/800-80				300gal 15%HCLw/ 20 bbts 2%kcl water, 380bbls water w/ 2% KCL, Blockldo, 6500# 30/70 sand 855-857/800-80:				
	000 0017000 00	2700 700					793-795		
4	666-668/642-64	4/569-571/539-542/	511-513	400gal 15%HCLw/ 41	bbls 2%kd water, 530bbls wat	er w/ 2% KCL, Blocide, 12000#	30/70 sand 666-668/642-64		
							669-571 539-542/511-51		
4	421-425/403-407				bbis 2%kcl water, 505bbis wat	er wd 2% KCL, Blocke, 12900#	30/70 sand 421-425/403-40		
TUBING RECORD 2-	Size -3/8"	Set At 863	Packer At	Liner Run	Yes N	10			
	rd Production, SWD or		ethod	owing 🔽 Pum	ping Gas	LiftOthe	τ (Explain)		
Estirnated Production Per 24 Hours	Oil n/a	Bbls. Gas Omcf	!	Water obls	Bbis.	Gas-Oil Ratio	Gravity		
Disposition of Gas		COMPLETION		Production In	terval				
Vented Sold	Used on Lease	Open Hole	د د	Dually Comp.	Commingled				





Blue Ribbon Drilling LLC

PO Box 279 Dewey, OK 74029

Operator: Quest Cherokee LLC

Desc. Sw No Sec 19Twp 31S Rge 19E

County Labette State Kansas

Com: 8-9-2006 Cease Drilling: 8-10-2006 Casing: 8 5/8" cemented w/ 10 sacks at 23' 1"

Rotary T. D. 943

API # 15-099-24016-0000

Lease/ Well Bowen Revocable Trust. 19-1

Elevation: 928 ground level

Тор	Bottom	Formation	Тор	Bottom	Formation	
<u> </u>	<u> </u>		1 500	644		
0	2	top soil	529	541	shale w/ limestone interbedded	
2	15	clay & river gravel	541	543	coal 2 1/2'	
15	40	shale	543	560	sdy shale w/ Ilmestone interbedded	
40	70	sandy shale	560	563	Ilmestone	
70	110	shale w/ limestone interbedded	563	564	coal 1'	
110	117	sandstone	564	570	shale w/ pyrite inbedded in shale	
117	135	med.shale w/ andstone interbedded	570	576	coal 2 1/2'	
135	139	black shale	576	596	limey sand- lime (hard) "ocean, HFW"	
139	156	limestone	596	617	sandy shale	
156	172	shale w/ limestone interbedded	617	627	med. Shale w/ sandstone interbedded	
172	182	limestone	627	643	med. Shale w/ limestone interbedded	
182	184	coal 1 1/2'	643	645	coal 2	
184	197	lime w/ shale interbedded	645	647	limestone	
197	257	shale w/ limestone interbedded	647	668	shaly sandstone w/ limestone	
257	266	sandy shale	668	670	coal 1 1/2'	
266	298	shale w/ limestone interbedded	670	693	med. Shale w/ limestone interbedded	
298	300	coal 1 1/2'	693	700	white limey sandstone	
300	323	limestone	700	709	shale w/ limestone interbedded	
323	327	black shale	709	710	coal 1'	
327	334	medium shale	710	738	med. Shale w/ sandstone interbedded	
334	340	sandstone	738	740	coal 1 1/2'	
340	364	shale w/ limestone interbedded	740	745	limestone w/ shale interbedded	
364	370	limy sandstone	745	774	med. Shale w/ limestone interbedded	
370	379	shale	774	784	shaly sandstone	
379	399	limestone	784	818	med.shale w/ limestone interbedded	
399	404	black shale	818	821	coal 2 1/2'	
404	409	medium shale	821	850	shale w/ sandstone interbedded	
409	422	limestone	850	853	coal 3'	
422	426	coal & Black shale	853	855	shale	
426	431	limestone	855	861	Mississippi Chat	
431	451	sandstone	861	871	chat w/ limestone interbedded	
451	464	shaly sand w/ limestone interbedded	871	880	Chat & Chert	
464	486	shale w/ limestone interbedded	880	943	tun dense limestone	
486	488	coal 2'		943	- RECILI	VED
488	491	shale w/ limestone interbedded			Total Depth KANSAS CORPORAT	ION COMMISSION
491	524	sandstone			1441	2008
524	529	sandstone w/ shale interbedded			JAN	J Z000

CONSERVATION DIVISION WICHITA, KS

903140

932452

931615 Ravin 4513

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



FJELD TICKET REF # 2000

TREATMENT REPORT

			& FIELD	TICKET CEME	NT ···	TE '	
DATE		WEL	L NAME & NUMBER		SECTION	TOWNSHIP	NGE COUNTY
8.1406.	Bower	J R.	e 11. Arust.	19-1	19	31 10	7 13
FOREMAN /	, TIME	TIME	LESS	TRUCK	TRAILER	TRUCK	EMPLOYEE
OPERATOR	. IN	OUT	LUNCH	#	#	HOURS	SIGNATURE
cra. a. G	11:30	2:15		902427		2.75	Cen &
_	\	1		903197			walleng
wes . T	+			-			11/1/2/
MAYerick.D				903103			1/ null /h
David		 		903140	932452		
TROY - W -				931615	 		X My May
Russell-A	1 1	1		1 extra			Kun Kin
JOB TYPE Lowas				IOLE DEPTH 9		ING SIZE & WEIGHT	
CASING DEPTH <u>93</u>				UBIÑG		IER	
SLURRY WEIGHT	4.5 SLURF	RY VOL	v	VATER gal/sk	CEN	MENT LEFT in CASIN	ıg <u> </u>
DISPLACEMENT <u>/</u>	<u>.98</u> displ	ACEMENT I	PSI M	/IIX PSI	RAT	E - Hbpm	
REMARKS:							
Installed	Cement	head	RAN 10	bbl dye	4 120	5 KS of C	ement to
Installed get typ to	o surfa	OF	Jush numa	. Pump u	siper plus	to bottor	n 4 ムキー
Floatsh	\A-D		7 7	,	/ / 3	<i>,</i>	A STATE OF THE STA
						BEOEWED.	
					KANSAS	RECEIVED CORPORATION COM	MISSION
	9 30	.49	F+ 41/2	Casing	, <u>.</u>	DEC 1 1 2006	
		·	Centrali	,	CC	INSERVATION DIVISION)N
930 2 - 0		$\overline{}$	Cosing			WICHITA, KS	
988300		1 hv		traclar traclar			
407240		hr	Casina	+10,101			
ACCOUNT CODE	QUANTITY or	UNITS	DESCRIPTION OF SERVICES OR PRODUCT				TOTAL AMOUNT
9034127	2.7	5 hc	Foreman Pickup				
903197	2.7	5 hr	Cement Pump Truck	K			
903103	2.7	5 hr	Bulk Truck				
1104	1,		Portland Cement				
1124	2	2	-50/50 POZ Blond G	ement Boffle	os 31/2" AL	3 "	
1126]		OWC Blend Come		OP Plug		
1110		12 SK	Gilsonite		1 /		
1107		1 516	Flo-Seal	-			
1118		2 SK	Premium Gel				
1215A	Loch		KCL				9.00
1111B		2 5K		Calchlaria	-		100
1122	7000		City Water				1

Transport Truck

Transport Trailer

41/2 Float shoe

80 Vac

2.75

2.75 h