WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #_33344	API No. 15 - 133-26572 -00-00
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	800 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: Gary Laswell	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 431-9500	(circle one) (NE) SE NW SW
Contractor: Name: L S Well Service, LLC	Lease Name: Robertson, Rodney R. Well #: 7-1
22274	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
-	Elevation: Ground: 1004 Kelly Bushing: n/a
Designate Type of Completion: New Well Re-Entry Workover	Total Depth: 1187 Plug Back Total Depth: 1183
·	
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21.5 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 1183
Operator:	feet depth to surface w/ 130 sx cmt.
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Location of hulu disposal if flauled offsite.
Other (SWD or Enhr.?) Docket No	Operator Name:
3/8/06 3/9/06 3/13/06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R
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	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.
herein are complete and correct to the best of my knowledge.	ato the on and gas industry have been fully complied with and the statements
	KOO 041 11 0111 V
Signature: / / / / comments	KCC Office Use ONLY
Title: Head of Operations Date: 7/5/06	Letter of Confidentiality Received
Subscribed and sworn to before me this 5th day of	If Denied, Yes Date:
20 Olo.	Wireline Log Received
Notary Public: R. Ammana	Geologist Report Received RECEIVED WIC Distribution COMMISSIO
Date Commission Expires: (4) 30, 2009	
My /	Appt. Expires 7-30-09 CONSERVATION DIVISION WICHITA, K8

Operator Name: Qu	est Cherokee, LL	C	·			Robertson, I	Rodney R.	Well #: <u>7-1</u>		
Sec Twp2	²⁹ S. R. 18	✓ Eas	t 🗌 West	County	: Neos	ho		·····		
tested, time tool ope temperature, fluid re	how important tops a on and closed, flowing covery, and flow rate is surveyed. Attach t	g and shut s if gas to	in pressures, surface test, a	whether shalong with f	nut-in pro	essure reached	d static level, hydr	rostatic pressure	es, bottom hole	
Drill Stem Tests Taken					 ✓L	og Forma	tion (Top), Depth	and Datum	Sample	
Samples Sent to Ge	ological Survey		es 🗹 No			Name Top D See Attached				
Cores Taken Yes No Electric Log Run (Submit Copy)										
List All E. Logs Run:										
Dual Induction Compensated Gamma Ray N	Density/Neutro	on Log								
		Repo		RECORD	Ne	ew Used ermediate, produ	ction etc.			
Purpose of String	Size Hole Drilled	Siz	re Casing t (In O.D.)	Wei	ght	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	11"	8-5/8"	((III O.D.)	20#	716	21.5	"A"	6	Adultives	
Production	6-3/4"	4-1/2		10.5#		1183	"A"	130		
		T	ADDITIONAL	CEMENTI	NG / SQI	JEEZE RECOR	D			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom				Used	Type and Percent Additives				
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/T Specify Footage of Each Interval Perforated							acture, Shot, Cemer		rd Depth	
4 1056-1058/1050-1052						300gal 15% HCl. w/ 20	bbis 2% kcl water, 345bbis wat	ter w/ 2% KCL, Blockle 4500	0# 30/70 cand 1056-1058/1050-105	
4 810-812/771-774/748-750						400gel 15% HCL w/ 38 bbts 2% kcl wester, 494bbts wester w/ 2% KCL, Blookde 9400# 30/70 sand 810-812/771-77				
4	672-676/659-66	 2		·····		400gal 15% HCL w/ 44	bbis 2% kcl water, 450bbis wei	ter w/ 2% KCL, Blookle 8400	748-750 par 30/70 sand 672-676/659-66	
TUBING RECORD	Size	Set At		Packer A	\t	Liner Run				
	3/8"	972	Г	n/a	·		Yes _✓ N	o 		
4/26/06	rd Production, SWD or E	inhr.	Producing Met	inoa [Flowin	g 📝 Pumj	oing Gas L	ift Othe	er (Explain)	
Estimated Production Per 24 Hours	oil n/a	Bbls.	Gas 27.8mcf	Mcf	Wat		Bbis.	Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF (COMPLETIC	ON .			Production Into	erval			
Vented Sold (If vented, So	Used on Lease		Open Hole Other (Spec	Perf.	. 🗀 I	Oually Comp.	Commingled			



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

TICKET NUMBER 1416				
FIELD TICKET REF #				
FOREMAN DINEYES				

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		WEL	SECTION	TOWNSHIP	RANG	iE	COUNTY					
3-13-04	Robertso	Robertson Rodney 7-1				7 295, 18E 1						
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK	TRAILER #							
Dwayne	700	12:30	n)o	90/6-10		55 4		5.5 hr		Luna		-6
T:M	700	12:30		903255		5,5	hr	سكان	Coll			
MODIFICK	7:00	12:30	100	903103		5.5	Arx	120	12/1/			
Dwid	7:15	12:30	NO	903296	932 4 52	5,5	hr 6	Y al	W llo			
Toda .	700	12:30	no	903106		5.5	ر۸		-			
CASING DEPTH 1183 DRILL PIPE TUBING OTHER												
SLURRY WEIGHT_/	<u>५.५ </u>	Y VOL	v	VATER gal/sk	CEM	ENT LEFT in C						
DISPLACEMENT/8.	86 BJ DISPLA	ACEMENT F	PSI N	MIX PSI	RATE	4 131	2m					
REMARKS:	0	, .	F	- 0 -	a =/ .	// /	46	7	- <i>4</i> -			
Press	1. 7.60	(1/ 0	COSING	and Swe ad Run 15	CA THE 17	Follow!	1 1	<u>ر</u> حح	B BE	. 2		
Pive ther	Start C	conent	Pumo	145 500	Ks Gemen	+ +1 9		ואו באבו	72-	`` / ~		
Stop and	Wash	out	Pumb 7	Then Pump	2 Willow	- Plug	70	800	Hen o	100		
Pye then start coment fump 145 sacks acment to get Die Beck Stop and wash out rump Then Pump wifer Plug to Bothem and Set Floot Shoe.									-			
	1102	<i>f</i>		٠٠٦						-,		
	1187	<i>f+</i>	72	Cosing					<u> </u>	-		
		3	Centralizers 4 = weld on Coller							-		
931310	4,5	4/							-			
930804	4,5	4,	Cusing TRailer									
ACCOUNT CODE	QUANTITY or U	JNITS	DESCRIPTION OF SERVICES OR PRODUCT TOTAL AMOUNT							7		
901640	5,5	λ ~	Foreman Pickup							1		
903255	5,5	41	Cement Pump Truck						1			
903103	5,5	hM	Bulk Truck									
1104	130	SOCK										
1124	2		50/50 POZ Blend Cement -/c s 3 and 3 =						4			
1126	17	<i></i>	OWC - Blend Cement Der Plug									
1110	13	Suck	Gilsonite Flo-Seal							\dashv		
1107 1118	1:3	SOCK SACK	Premium Gel							\dashv		
1215A	7	Ga 1	KCL				D.C.	CEIV	ED	-		
1111B		SICK		Cal Cleri	de	KANSAS	CORPO	RATIO	N COMMISS	NOI		
1123	7000	661	City Water	<u>C 1677</u>	·			0.7		1		
903296		6/	Transport Truck				JUL	- U †	<u> 2000</u>	1		
932452	5,5 5,5	AF	Transport Trailer			CC			DIVISION			
903/06	5,5	h/	80 Vac				WIC	MITA, I	W			
Ravin 4513	ſ		42	Float She	e]					



DATE: 3/9/06		Da	ata from Driller's l	Log		L&S	Well Service -	Rig #2
			,	-8				
WELL NAME:	Robertson, Ro		7	REPORT #:		SPUD DATI	E 3/8/2006	
WELL#:	7-1	TWP:	29S	DEPTH:	1187		3	
FIELD:	Cherokee Bas	d salahasa karana aram da karana da karana aram da	18E	PBTD:				
COUNTY:	Neosho	ELEVATION:	1004	FOOTAGE:		FT FROM	North	LINE
STATE:	Kansas	API#:	15-133-26572-00-	00	660	FT FROM	East	LINE
rational desired			1			1. 18. A.	NE NE	
ACTIVITY DE		inger, drilled to TD 1187 ft	. on 3/9/06.					
GAS SHOWS:		umulative Gas		TYP #	COMMEN			
Mulberry Coal		0 ncf/day @		FT. *		586 ft. Light		
Lexington Shale		9 ncf/day @					a. Gas test a	
Summit Shale & Mulky Shale &		11 ncf/day @ 14 ncf/day @					a. Gas test a a. Gas test a	
Bevier Coal	CUAI	14 ncf/day @			o monuay i	TOTAL LINE ALC:	u. Oas 1031 d	. JOU 11.
Verdigris Lime	stone	14 ncf/day @		FT. *				
Croweburg Coa		14 ncf/day @		FT. *			*************	
Fleming Coal		14 ncf/day @		FT.				
Weir Coal		17 ncf/day @	805-806	FT.			a. Gas test a	
Bartlesville San	d	22 ncf/day @					a. Gas test a	887 ft.
Rowe Coal		22 ncf/day @		FT. *	GCS. Gas	test at 937 ft		
Neutral Coal		22 ncf/day @		FT. *				
Riverton Coal		194 ncf/day @					rea. Gas tes	at 1062 1
Mississippi		194 ncf/day @		FT.		test at 1112 TD 1187 ft.	<u>π.</u>	
TD: 1187 ft.		156 ncf/day @			Gas lest at	1D 1107 IL.		
*Zone not ident	ifiable from D	iller's handwritten notes.	****					
Zone not ident		THE CHARACTER BOTOS						
	Formation Top	s and Casing Recommenda	tion made without	benefit of viev	ving open-ho	le logs first.		
Surface Casing	@ 21.5'	•••••••••••••••••••••••••••••••••••••••		***************************************				
Surface Casing	Siza. 9 5/9"							
Surface Casing	SIZE: 0 5/0							
OTHER COM								
		taken directly from the D		n notes. All	iepths and o	rifice checks	reflect what	the
driller recorded	l during drillin	g activities. Below Zones	fyi only.					
Pawnee LS / Pin	k	546-583						
Stray Sand - odo		620-630						
Oswego Limesto		630-656						
Bluejacket Coal		877-878						
Drywood Coal		927-928						
Tucker Sandston	ie							
CASING RECO	OMMENDATIO	ONS: Run casing	g / Cement to surfa	ice	<u> </u>			
	4_4!	Ken Recoy, Senior Geole	ogist CPC #4630	Thank you!		krecoy@grcp.ne		
On Site Represe	entative:	Ren Recov. Semin teem	D512F ("L c 4 4401741)					

JUL 07 2006

L S-Well Service, LLC #33374 543A 22000 Road Cherryvale, Kansas 67335 620-328-4433

Drill Log

Quest Cherokee, LLC

Rodney Robertson #7-1 S7, T29,R18 Neosho Co, KS API#133-26572-0000

0-5	DIRT
5-18'	SANDSTONE
	SANDY SHALE
155-225	
225-255	
	LIME
	SHALE
270-285	LIME
285-290	BLACK SHALE
	SANDY SHALE
	LIME
350-355	
	BLACK SHALE
360-415	
415-425	
425-440	
440-460	
	SHALE
534-540	LIME
540-546	SHALE
546-583	LIME PINK
583-586	BLACK SHALE
586-620	SHALE
620-630	SAND ODOR
630-656	LIME OSWEGO
656-661	BLACK SHALE
661-668	LIME
668-671	BLACK SHALE
671-672	COAL
672-680	LIME
680-720	SHALE
720-721	COAL
721-765	SHALE
765-765.5	
765.5-805	SHALE
805-806	COAL
806-836	SHALE
836-877	SANDY SHALE
877-878	COAL
878-927	SHALE
927-928	COAL
928-1018	SHALE
1018-1040	SAND
1040-1052	SHALE

1052-1053 COAL 1053-1080 SHALE 3-8-06 Drilled 11" hole and set 21.5' of 8 5/8" surface casing Set with 6 sacks Portland cement

3-9-06 Started drilling 6 3/4" hole

3-9-06 Finished drilling to T.D. 1187'

586' SLIGHT BLOW 636' 2" ON 1/2" ORIFICE 661' 3" ON 1/2" ORIFICE 686' 5" ON 1/2" ORIFICE 811' 8" ON 1/2" ORIFICE 887' 12" ON 1/2" ORIFICE 937' 12" ON 1/2" ORIFICE 1062' 6 PSI ON 3/4" ORIFICE 1112' 6 PSI ON 3/4" ORIFICE 1187' 4 PSI ON 3/4" ORIFICE

RECEIVED KANSAS CORPORATION COMMISSION

JUL 07 2006

CONSERVATION DIVISION WIGHTA, KB

L S Well Service, LLC #33374 543A 22000 Road Cherryvale, Karisas 67335 620-328-4433 Drill Log

Quest Cherokee, LLC

Rodney Robertson #7-1 S7, T29,R18 Neosho Co, KS API#133-26572-0000

1080-1187 LIME

T.D. 1187'

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