WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #33344	API No. 15 - 133-26735-00-00
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	s/2 - nw - ne Sec. 15 Twp. 28 S. R. 18
City/State/Zip: Chanute, KS 66720	980 feet from S / \(\overline{\Omega}\)(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: TXD Services LP	Lease Name: Bollig, Anthony J. Well #: 15-1
License: 33837	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: multiple
Designate Type of Completion:	Elevation: Ground: 937 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1109 Plug Back Total Depth: 1100.01
OilSWDTemp. Abd.	21.5
✓ 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 1100.01
Operator:	feet depth to_surfacew/_150sx cmt.
Well Name:	Drilling Fluid Management Plan Alt I NH7-9-08
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 BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name:
1/6/07 1/19/07 1/22/07	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
·	
Kansas 67202, within 120 days of the spud date, recompletion, workown 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-
107 for confidentiality in excess of 12 months). One copy of all wireline log- TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	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	ate the oil and gas industry have been fully complied with and the statements
nerein are complete and correct to the best of my knowledge.	
Signature: Lampan H. Cammann	KCC Office Use ONLY
itle: New Well Development Coordinator Date: 5/7/07	
4th	Letter of Confidentiality Received
Subscribed and sworn to before me this 11-day of 11-day	If Denied, Yes Date:
07	Wireline Log Received RECEIVED
lotary Public: Derya Klauman	Geologist Report RecéMetSAS CORPORATION COMMISS
(C) 11 01 -	MAY 8 2007
	THA KLAUMAN
My Appt. Expin	Public - State of Kansas es 8-4-26/0 CONSERVATION DIVISION WICHITA, KS

Operator Name: Qu	est Cherokee, LL	.C	Lease Name:	Bollig, Anthony	J.	Well #:15-1	
	8 S. R. 18		County: Neos				
ested, time tool ope emperature, fluid red	n and closed, flowin 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 po along with final cha	ressure reached	static level, hydro	ostatic pressure	es, bottom hole
Orill Stem Tests Take (Attach Additional		Yes 🗸 No	V	Log Formati	ion (Top), Depth a	and Datum	Sample
Samples Sent to Ge	ological Survey	Yes No	Nar See	me e attached		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☐ Yes ☐ No					
ist All E. Logs Run: Dual Induction Compensated Gamma Ray N	Log Density Neutro	n Log °					
		CASING	B RECORD	New Used			
	Sine Hele		-conductor, surface, in			# Cooks	Type and Percent
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Additives
Surface	12-1/4	8-5/8"	20	21.5	"A"	5	
Production	6-3/4	4-1/2	10.5	1100.01	"A"	150	
		ADDITIONA	L CEMENTING / SC	UEEZE RECOR	D		
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used				
Protect Casing Plug Back TD Plug Off Zone							
Shots Per Foot		TON RECORD - Bridge Plu Footage of Each Interval P			acture, Shot, Cemer		d Depth
4	980-984/933-936			300gal 15%HCLw/ 29 b	bls 2%kd water, 451bbls water	r w/ 2% KCL, Biocide, 8700	# 30/70 sand 980-984/933-93
4	835-837/820-822/	744-746/726-728/687-6	90/665-667	300gal 15%HCLw/ 38 b	bls 2%kd water, 506bbls water	r w/ 2% KCL, Biocide, 9800	# 30/70 sand 835-837/820-82
						744-74	6/726-728 687-690/665-66
4	578-582/567-571		12.4.	300gal 15%HCLw/ 41 b	bis 2%kci water, 581bbis water	w/ 2% KCL, Biocide, 1150	0# 30/70 sand 578-582/567-5
TUBING RECORD 2-	Size 3/8"	Set At 996	Packer At n/a	Liner Run	Yes V	0	
Date of First, Resume 2/28/07	rd Production, SWD or	Enhr. Producing M	ethod Flow	ing √ Pump	oing Gas L	ift Othe	er (Explain)
Estimated Production Per 24 Hours	Oil n/a	Bbls. Gas 7.3mcf	i	ater .1bbls	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION		Production Inte	erval		
Vented Sold	Used on Lease ubmit ACO-18.)	Open Hole		Dually Comp.	Commingled		-



TXD SERVICES LP DRILLERS LOG

TXD SERVICES LP

RIG#	101		S. 15	T. 28	R. 18			
API#	133-2673	5	County:	Neosh	D	473'	no flow	a company and a supplement
	Elev:	937'	Location	Kansa	\$	535'	no flow	******
						567'	6 - 1/2"	14.12
Operator:		erokee, LLC				692'	10 - 1/2"	20
Address:	9520 N. M	lay Ave, Suite	≥ 300			755'	10 - 1/2"	20
	Oklahoma	City, OK. 73	120			818'	10 - 1/2"	20
Well#	15-1		Lease Name	Bolig, /	Anthony	1006'	10 - 1/2"	20
Footage Local	tion	980	ft from the	N	Line	1111	GCS	
		1980	ft from the	E	Line			
Drilling Contra	ctor:	TXD	SERVICES	LP				<u> </u>
Spud Date;	NA		Geologist:		·		· · · · · · · · · · · · · · · · · · ·	
Date Comp:	1/19/2007	7	Total Depth:	1111'				
Exact spot Loc	cation;	NW NE	***************************************			1		
				11647				
		Production						
Size Hole	12-1/4"	6-3/4"						
Size Casing	8-5/8"	4-1/2"				<u> </u>		
Weight	24#							· · · · · · · · · · · · · · · · · · ·
Setting Depth	20'							
Type Cement		1						
Sacks		T						

Formation	Top	Bitm.	Formation	ITon	Btm.	Cormotion	T	DAME.
	7			Тор		Formation	Тор	Btm.
top soil	0		shale	434		shale	750	769
shale	20		sand	448		sand	769	777
lime	53		lime	456		shale	777	823
shale	124		coal	462		coal	823	824
b.shale	125	127		463	505	shale	824	833
sand	127	136	shale	505	506	sand	833	836
shale	136		b.shale	506	508	shale	836	839
lime	170	193	shale	508	552	coal	839	840
shale	193	200	lime	552		shale	840	938
ime	200	208	shale	568		coal	938	939
shale	208	218	lime	582		shale	939	986
b.shale	218	220	coal	588		coal	986	987
shale	220		shale	589		shale	987	994
ime	223		sand	592		lime	994	1111
shale	285		shale	617	672		1 337	
sand	301		coal	672	673		 	
sand/shale	314		shale	673	687			
ime	350		lime	687	688	L'A NIC	RECE	IVED
sand/shale	358	سنوب بيوم حصفت بالطابقات	coal	688	689	104/45	AS CORPORA	TION COMMI
ime	369		shale	689	729	·····		
shale	385		coal	729		<u> </u>	MAY II	2007
sand/shale	421		shale	730		,	ONSERV	
sand	424		coal	749		· · · · · · · · · · · · · · · · · · ·	ONSERVATIO WICHITA	N DIVISION



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

TICKET NUMBER 2001

FIELD TICKET REF #

FOREMAN Joe

619150

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		WEL	L NAME & NUMBER	3	SECT	ION	TOWNSHIP	RANG	E COUN	TY 📑
1-22-07	Bollia	ANTH	INY 15	- /	16)	28	18	No	
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILE	R	TRUC		EMPLOYEE SIGNATURE	- 1
Jap. B	6:45	10:00	_	903427			3.25	-	10+ Blan	رحما،
Tim. A	645			903255			3. 24		12	
Russell.A	7:00	İ		903230			3			
Brandon.	M 7:00			903144	9324	52	3		BU	2
TROY. W	6:45			903575			3.25		Thya	h
CASING DEPTH 1/2 SLURRY WEIGHT_ DISPLACEMENT 1/2 REMARKS:	100.01 DRILL I 14.5 SLURR 7.54 DISPLA	Y VOL	T W	VATER gal/sk	\ \	OTHEI CEME RATE	RNT LEFT in (CASING bpr	0	
									a,.	**
	1100-	6	ft 41/2. Centrali 41/2 floa							*
ACCOUNT CODE	// O·C· = d	6	Centrali	zers Ishae	RVICES TOR PR				TOTAL	
203437	QUANTITY' or U	INITS	Centrali 1/12 floa Foreman Pickup	Zef? S 15 har DESCRIPTION OF SEI	SAS CORPOR	ATION C	COMMISSION		TOTAL AMOUNT	
CODE 203427 903255		INITS hy	Centrali 1/12 floa	Zef? S 15 har DESCRIPTION OF SEI	MAY ()	8 20	OMMISSION 07			
203437	QUANTITY' or U	INITS hr (hr)	Centrali L//2 Floa Foreman Pickup Cement Pump Truck	Zef? S 15 har DESCRIPTION OF SEI	MAY () CONSERVATI	ATION C	COMMISSION 07			
CODE 903437 903355 903330 1104 1124	QUANTITY or U 3.25 3.25 3.25	INITS INITS IN I Centrali L//2 Floa Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement 50/50 POZ Blend Ce	DESCRIPTION OF SEI	MAY () CONSERVATI	8 20	COMMISSION 07				
CODE 203427 903255 903280 1104 1124 1126	QUANTITY or U 3.25 3.25 3.25	INITS INITS IN ITS	Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement 50/50 POZ Blend Cement	DESCRIPTION OF SEI	MAY () CONSERVATI	ATION C	COMMISSION 07			
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