## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

**ORIGINAL** 

4/3/10

Form ACO-1 September 1999 Form Must Be Typed

CONSERVATION DIVISION WICHITA, KS

# CONFIDENTIAL

#### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33344	API No. 15 - 15-133-27209-0000
Name: Quest Cherokee, LLC	County: Neosho
044 144 441 04 4	SW_SE_Sec. 13 Twp. 28 S. R. 18
City/State/Zin: Chanute, KS 66720	660 feet from(S)/ N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC  Operator Contact Person: Jennifer R. Ammann  Phone: (620 ) 431-9500	2000 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	Lease Name: Stich, William A. Well #: 13-3
License: 33837	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: 1040 Plug Back Total Depth: 1028
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21 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 1028
Operator:	feet depth to_surfacew/_140sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pla)
Deepening Re-perf Conv. to Enhr/SWD	
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
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:
,	Lease Name: License No.:
12-14-07	Quarter Sec Twp S. R
Recompletion Date  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 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	
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
$\alpha \vee \alpha \wedge \alpha$	KCC Office Use ONLY
Signature: (function by Commons	KCC Office use ONLY
Title: New Well Development Coordinator Date: 4/03/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 3rd day of Opril	If Denied, Yes Date:
20 08.	Wireline Log Received
	Geologist Report Received KANSAS CORPORATION COMMISSION
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	UIC Distribution
Date Commission Expires: 8-4-2010 TE	RRA KLAUMAN APR 0 4 2008 Public- State of Kansas
My Appt. Expi	

... AND BEST OF THE

Operator Name: Quest Cherokee, LLC				Leas	Lease Name: Stich, William A.			Well #: 13-3		
Sec. 13 Twp. 28 S. R. 18 🗸 East 🗀 West					ty: Neosl	·				
tested, time tool ope temperature, fluid re	Show important tops en and closed, flowin ecovery, and flow rate gs surveyed. Attach	ng and shu es if gas to	t-in pressures, surface test, a	whether s along with	shut-in pr	essure reache	d static level, hydi	ostatic pressur	es, botto	m hole
Drill Stem Tests Tak (Attach Additiona		Y	es No		<b></b> ✓L	.og Forma	ition (Top), Depth	and Datum		Sample
Samples Sent to Geological Survey					Nam See	ne attached		Тор		Datum
Cores Taken		Y	es 🗌 No			allached				
Electric Log Run (Submit Copy)		<u></u>	es No							
List All E. Logs Run	:									
Compensate Dual Inductio	d Density Neu n Log	tron Lo								
		Repo	CASING rt all strings set-	RECORD conductor, s	No Surface, into		ction, etc.			
Purpose of String	Size Hole Drilled	Siz	ze Casing t (In O.D.)	We	ight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	12-1/4	8-5/8"	. (III O.D.)	22	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	21	"A"	5		danives
Production	6-3/4	4-1/2		10.5		1028	"A"	140		
			ADDITIONAL	. CEMENTI	ING / SQL	JEEZE RECOR	D			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sacks	s Used		Type and	Percent Additives		
Shots Per Foot			ID - Bridge Plug Each Interval Per		· · · · · · · · · · · · · · · · · · ·		acture, Shot, Cemer		d d	Depth
4	941-944/888-89	0/883-88	5						941-944/888-890	
								883-		
4	784-786/734-73	6/710-71	2/696-698		400gal 15%HCLw/ 57bbis 2%kcl water, 401bbis w			reter w/ 2% KCL, Blockle, 2800# 20/40 send 784-70		784-786/734-736
										710-712/696-698
4	532-536/520-52	4				400gal 15%HCLw/ 46bbls 2%kcl water, 691bbls weter w/ 2% KCL, Blockle, 5600# 20/40 sand 532-536/520-				532-536/520-524
TUBING RECORD	Size	Set At	· · · · · · · · · · · · · · · · · · ·	Packer /	At	Liner Run	☐Yes ✓ No			
	3/8" rd Production, SWD or E	984 Enhr.	Producing Met	n/a hod	Flowing	g <b>√</b> Pump			ī (Explain,	)
Estimated Production Per 24 Hours	Oil n/a	Bbls.	Gas 0.0 mcf	Mcf	Wate	er i		Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF (	OMPLETIC				Production Inte	erval		x	
Vented ✓ Sold (If vented, Sold	Used on Lease		Open Hole Other (Speci	Perf	i. 🔲 C	Dually Comp.	Commingled			





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

CONFIDENTIAL APR 0 4 2008

TICKET NUMBER 4306

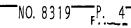
WICHITA, KS

FOREMAN \_\_\_\_\_

624630 TREATMENT REPORT

	<u> </u>		& FIELD	TICKET CEMEN	T	man, for configurations		
DATE			NAME & NUMBE		SECTION	TOWNSHIP	RANGE	COUNTY
12-31-07	<u>ST.cl</u>	> Wil	liam.	13 - 3	13	28 =	18	
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK	ľ	MPLOYEE
Jue	1:30	5:15		903427		3.75		IGNATURE
Tim		5:30		903255		1	1/6~	Ilancha
Yler		5:00			ş 4°.	2 5		no
ve5	3:30	5:15		93,575		1.75	1	K ,
Daviel	V	5:30		931420		24	KAN	in house

Wes	(5.20) 5:	5	3,575		1.75	1.51	
DANIEL	V 5:	-, i	31420		24	The has	
SLURRY WEIGHT DISPLACEMENT_ REMARKS:  INSTALLO  S.J. FLO	String HOLE SIZE	TUBIN WATE	NG_ R gal/sk SI N 2 SK QU	OTHER CEMEN RATE  NO 64	NT LEFT in CASI	NG_O 1 SK sel Alvy to low	5
							_
	1	· · · · · · · · · · · · · · · · · · ·					-
h quatrice .	1028.81	F1 4% Cos	sine				-
	6	Controlizes	ر د				_
			,			<del> </del>	_
ACCOUNT CODE	QUANTITY or UNITS	DESC	RIPTION OF SERV	ICES OR PRODUCT		TOTAL	_
903427	3.75 kg	Foreman Pickup				AMOUNT	4
903255	4 hr	Cement Pump Truck					
903600	3.5 hr	Bulk Truck					] ·
1104	120 SK	Portland Cement					]
1124	)	59/50 POZ Blend Gement	D (C	71			]
1126				5 3/2 +			_
1110	28 5K	OWC - Blend Cement Gilsonite	-1 12 miles	Plug			
1107	1.5 sx	Flo-Seal				<u> </u>	_
1118	14 SK	Premium Gel					
1215A	100.1	KCL					_
1111B	358	Sodium Silicate Col	1 chloride		<u> </u>		4
11,23	7000901	City Water	1 CNION (O.D			RECEIVED	1
	- Kr	Transport Truck				S CORPORATION COM	ymission -
	hv	Transport Trailer				APR 0 4 2008	Į.
931420	4 6/	80 Vac					1
avin 4513	<del></del>					CONSERVATION DIVISI	IDM



### CONFIDENTIAL

TXD SERVICES

## DRILLERS LOG

KCC

#### TXD SERVICES

RIG #	10		3. 13	1. 28	R. 18	GAS TESTS		
API#	133-2720	)9	County:	Neosho		219'		
Elev.;	928'		Location:	Kansas		312	3 - 1/2"	10.9
				1 11000		343'	4 - 1/2"	12.5
Operator:	Quest Ch	erokee LLC			<del></del>	436'	4 - 1/2"	12.5
Address	9520 N.	May Ave., S	uite 300			467'	10 - 1/2*	19.9
		a City, OK.					17 - 1/2"	25.8
WELL#	13-3		Lease Name:	Stich, Wi	lion A	498'	17 - 1/2"	25,8
Footage locat	on	560	of ft. from the	Stich, Wi	UI din C	529	19 - 1/2"	27.3
		2000	ft. from the	E		560'	15 - 1/2"	24.5
<b>Drilling Contra</b>	ctor		TXD SERV		llne	653'	14 - 1/2°	23.7
Spud Date:	NA	<del></del>		CES LP		684'	14 - 1/2"	23.7
Date Comp:	12-31-07	<del></del>	Geologist	4.5		715'	18 - 1/2"	26.6
Exact Spot Lo	Cation	SW SE	Total Depth:	1040'		748'	9 - 3/4"	42.5
Casing Rec		344 25				808'	9 - 3/4"	42.5
Adding Mac		Y=	Rig Time			870'	9 - 3/4"	42.5
Size Hole	Surface	Production				901'	9 - 3/4"	42.5
	12-1/4"	6-3/4"				932'	9 - 3/4"	42.5
Size Casing	8-5/8"	4-1/2"				963'	9 - 3/4"	42.5
Weight	24#	10-1/2#						72.5
	22'							
Type Cement	<del> </del>							
Sacks								
			WELL LOG					
Formation	Тор	Blm.	Formation	Тор	Btm.	Formation	Тор Вит	
top soil	0		shale	289	293	shale	521	
clay/shale	1	22	lime	293		coal	524	524
shale	22	40	shale	307		shale	528	526
sand	40		lime	320		lime	530	530
sand/shale	50	70	b.shale	329		coal	535	535
lime	70	76	lime	331		sand	536	536
coal	76	77	sand	333		shale	580	580
shale	77		shale	340		ilme		615
∞al	101	102	sand	380		b.shale	615	617
shale	102		shale	391		shale	617 618	618
							1 678)	649
coal	112	113	coal					
shale		113 115	coal lime	407	408	lime	649	650
	112 113 115	115	lime	407 408	408 414	lime ∞ai	649 650	651
shale	113	115 131	lime coal	407 408 414	408 414 415	lime ∞al shale	649 650 661	651 682
shale Ilme	113 115	115 131 134	lime coal shale	407 408 414 415	408 414 415 419	lime coal shale coal	649 650 661 682	651 682 683
shale Ilme shale b.shale shale	113 115 131	115 131 134 135	lime coal shale lime	407 408 414 415 419	408 414 415 419 456	lime coal shale coal shale	649 650 661 682 683	651 682 683 699
shale Ilme shale b.shale	113 115 131 134	115 131 134 135 151	lime coal shale lime b.shale	407 408 414 415 419 456	408 414 415 419 456 4458	lime coal shale coal shale coal	649 650 661 682 683 699	651 682 683 699 700
shale Ilme shale b.shale shale	113 115 131 134 135 151	115 131 134 135 151 236	lime coal shale lime b.shale coal	407 408 414 415 419 456 458	408 414 415 419 456 4458 459	lime coal shale coal shale coal shale	649 650 651 682 683 699 700	651 682 683 699 700 717
shale Ilme shale b.shale shale lime shale shale	113 115 131 134 135 151 236	115 131 134 135 151 236 247	lime coal shale lime b.shale coal shale	407 408 414 415 419 456 458 459	408 414 415 419 456 4458 459 477	lime coal shale coal shale coal shale coal shale coal	649 650 661 682 683 699 700 717	651 682 683 699 700 717 718
shale Ilme shale b.shale shale lime shale shale shale sand	113 115 131 134 135 151 236 247	115 131 134 135 151 236 247 261	lime coal shale lime b.shale coal shale sand	407 408 414 415 419 456 458 477	408 414 415 419 456 4458 459 477 491	lime coal shale coal shale coal shale coal shale coal shale	649 650 661 682 683 699 700 717 718	651 682 683 699 700 717 718 726
shale Ilme shale b.shale shale ime shale shale sand shale b.shale	113 115 131 134 135 151 236 247 261	115 131 134 135 151 236 247 261 282	lime coal shale lime b.shale coal shale sand	407 408 414 415 419 456 458 459 477 491	408 414 415 419 456 4458 459 477 491 497	lime coal shale coal shale coal shale coal shale shale shale shale sand	649 650 661 682 683 699 700 717 718	651 682 683 699 700 717 718 726 768
shale Ilme shale b.shale shale lime shale shale shale sand	113 115 131 134 135 151 236 247	115 131 134 135 151 236 247 261	lime coal shale lime b.shale coal shale sand shale coal	407 408 414 415 419 456 458 477	408 414 415 419 456 4458 459 477 491 497	lime coal shale coal shale coal shale coal shale coal shale	649 650 661 682 683 699 700 717 718	651 682 683 699 700 717 718 726

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@1-APR. 1. 20084 2:58PMREY WEST FORK-ARKANA 817-546-3001

NO. 8319 P. 5

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			WELL LOG	Stich; 13-3 MCC			pg 2	
Formation	Тор	Btm.	Formation	Top	Bon,	Formation	Тор	Btm.
coal	788							
shale,	790	845						
coal	845	846					-	
shale	846						1	
coal	885	987						
shale	687	690						
coal	890	891						_
shale	891	904					1	<del></del>
coal	904	906						
shale	906	943						<del>-  </del> -
coal .	943	946					<del> </del>	
shale	946	958						
toal	958	959						7
mississippl	959	1040						
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