

## CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
KANSAS CORPORATION COMMISSION

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

APR 0 1 2008

Operator: License # 33344	API No. 15 - 15-133-27304-0000 CONSERVATION DIVISION
Name: Quest Cherokee, LLC	County: Neosho WICHITA, KS
Address: 211 W. 14th Street	NE-9E - Sec. 19 Twp. 28 S. R. 20
City/State/Zin. Chanute, KS 66720	2085 feet from N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC  Operator Contact Person: Jennifer R. Ammann, ONFIDENTIAL  Phone: (620) 431-9500	785 feet from (E) / W (circle one) Line of Section
Operator Contact Person: Jennifer R. Ammann, ONFILL CONS	Footages Calculated from Nearest Outside Section Corner:
Phone: (620 ) 431-9500 MAR 3	(circle one) NE SE NW SW
Contractor: Name: TXD	Lease Name: Heady, J.B. Well #: 19-1
License: 33837	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 906 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 870 Plug Back Total Depth: 861
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22 Feet
Gas ENHR 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 861
Operator:	feet depth to surface w/ 125 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (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	·
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
12-03-07 12-08-07 12-06-07	Lease Name: License No.:
12-03-07         12-08-07         12-06-07           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec TwpS. R   East West
Recompletion Date Recompletion Date	County: Docket No.:
•	
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Summifue K. Smonann	, KCC Office Use ONLY
2.84	Letter of Confidentiality Received
Subscribed and sworn to before me this $31^2$ day of ${}$	If Denied, Yes Date:
20 08 .	Wireline Log Received
Notary Public: Down Klauman	Geologist Report Received  UIC Distribution
-	olo Distribution
Date Commission Expires: 8-4-2010  TERRA  Natural Rubins	KLAUMAN State of Konnes

My Appt. Expires 2-4-2010

·30.

Operator Name: Qu	me: Quest Cherokee, LLC				Lease Name: Heady, J.B.					110	
Sec. 19 Twp	Twp. 28 S. R. 20				. Neosi						
INSTRUCTIONS: Stested, time tool operature, fluid re Electric Wireline Log	en and closed, flowin covery, and flow rate	g and shut s if gas to	-in pressures, surface test, a	whether shalong with fi	iut-in pr	essure reached	static level, hydr	ostatic pressure	s, botto	m hole	
Drill Stem Tests Take	_	<b>□</b> Y	es 🗌 No		Σľ		ion (Top), Depth	and Datum		Sample	
Samples Sent to Ge	ological Survey		es 🗌 No		Nan See	ne áttached	<b>\$</b> 10	Тор	1	Datum	
Cores Taken Electric Log Run (Submit Copy)			es No es No								
List All E. Logs Run:	:										
Compensated Dual Induction	d Density Neu n Log	tron Log	9		- A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A		·				
		_		RECORD		ew Used					
Purpose of String	Size Hole Drilled	Siz	rt all strings set- e Casing : (In O.D.)	weig Lbs.	ght	ermediate, produ- Setting Depth	Type of Cement	# Sacks Used		and Percent	
Surface	12-1/4	8-5/8"		22		22	"A"	5			
Production	6-3/4	4-1/2		10.5		861	"A"	125		·	
			ADDITIONAL	. CEMENTIN	VG / SQ	UEEZE RECOR	D				
Purpose: Depth Type Perforate Top Bottom		ype of Cement #Sacks Used			Type and Percent Additives						
Protect Casing Plug Back TD											
Plug Off Zone											
	PERFORAT	ION RECOR	ID - Bridge Plu	ns Set/Type		Acid. Fro	acture, Shot, Cemer	nt Squeeze Record	i		
Shots Per Foot			Each Interval Pe			(Amount and Kind of Material Used)					
4	748-750/695-69	7/689-69	1			500gal 15%HCLw/ 51bl	ols 2%kcl water,646bbls water	w/ 2% KCL, Blocide, 3800#	20/40 sand	748-750/695-697	
										689-691	
4	538-540/517-51	9/487-48	9/459-462/4	32-434		400gal 15%HCl.w/ 38bbls 2%kcl water, 546bbls water w/ 2% KCl., Blockle, 2800ff 20/40 sand					
								487-489/45	9-462	432-434	
4	345-349/334-33	8				300gal 15%HCLw/ 41bi	ots 2%kcl water, 646bbts water	w/ 2% KCL, Blookle, 4500#	20/40 sand	345-349/334-338	
TUBING RECORD 2-	Size 3/8"	Set At <b>790</b>	;	Packer A	t	Liner Run	Yes No	o .			
Date of First, Resume 2-01-08	rd Production, SWD or I	Enhr.	Producing Met	thod	Flowin	ng 📝 Pump	ing Gas L	ift Othe	r (Explain	)	
Estimated Production Oil Bbls. Gas Per 24 Hours n/a 0.0 mcf		Mcf	Water Bbls. Gas-Oil Ratio G					Gravity			
Disposition of Gas	METHOD OF	COMPLETIC	ON 3			Production Inte	rval			,	
Vented ✓ Sold (If vented, S	Used on Lease ubmit ACO-18.)		Open Hole Other (Spec	Perf.		Dually Comp.	Commingled				
				KLAUMA Soletk	: Jan 1	T (1)	ţ • *	• (			

Resource Corporation

931615

Ravin 4513

211 W. 14TH STREET DENTIAL KANSAS CORPORATION COMMISSION CKET NUMBER 2436 CHANUTE, KS 66720 3 1 2008 APR 0 1 2008 FIELD TIGHT

FOREMAN DEWEN YME / JOE

625740

CONSERVATION DIVISION TREATMENT REPORTA, KS & FIELD TICKET CEMENT

DATE		WELL NAME & NUMBER				ECTION	TOWNSHIP	OWNSHIP RANGE			
12-6-07	Heady	、	R. 19-1			19 28 2			20 100		
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH			AILER #	TRUC HOUR	li i	EMPLOYEE SIGNATURE		
Joe	7:00	14:15	903427				9.25	10	you B Com		
Tim	6:45 -	5:00		903255			10.2	5 T	Tm kun		
Tylor	7:00	4:15		903140	932	152	9.2		2		
Mayerick	7:00	5:30		903600			10.	5 ,	120		
B:11 B.	6:45	12. a	S .	931615			5. 2	25 W	Ween I Back		
JOB TYPE LONG ST	61. 63 DRILL I	PIPE	Tl	JBING		OTHE	ER				
SLURRY WEIGHT 1	3.5 SLURR	Y VOL	W	ATER gal/sk		CEM	ENT LEFT in	CASING O	*.		
DISPLACEMENT 13	3, 73 DISPLA	CEMENT P	SI M	IX PSI		RATE		Pm			
REMARKS:	٠			_							
INSTAlled CO	oment tood R	AD 2 5K	15 gol & 861	bldge a 13	K gl	+ 10	5 5K50	COMPIL	TTO get		
duto Sufface.	flush pump.	Pump Wil	ore plug to t	cytom of S.	+ 5m	tshale	•				
	£ 1 .	<u>'</u>					<u></u>				
		Ce	moust to	Suiface	_						
				-011110-					-		
			:	· · · · · · · · · · · · · · · · · · ·							
1	861.0	12	<u> </u>	2000					i		
-	<u>вед. С</u>	/3	11- C	entralizer	. ~	<del></del>	<u> </u>				
			42	Viper Ple	<u>-2</u>						
	·····		<u> </u>	Float Sh	9			•			
	*	<del> </del>	12	1 104T SA	<i>o</i> e.						
ACCOUNT CODE	QUANTITY or L	INITS		DESCRIPTION OF SE	ERVICES C	R PRODUC	т		TOTAL AMOUNT		
	9. 25	- 4	Foreman Pickup								
903255	10.25		Cement Pump Truck								
903.600	10.2		Bulk Truck								
1104	//0	C/\	Portland Cement		·						
1124		2	50/50 POZ-Blend-Ger	ment Boff	les.	5/2	43				
1126			OWC - Blend Cemen	ıt .							
1110	٦٦	3001	Gilsonite								
1107	1.	3000	Flo-Seal				····				
1118	12		Premium Gel								
1215A		<u> </u>	KCL	1 01							
1111B	3	, , , ,		al Cloric	de_	<u>:</u>					
1123	7.000	<del> </del>	City Water						<del> </del>		
903140	9:2		Transport Truck				<u> </u>				
9321152	9.25	1×	Transport Trailer						····		

80 Vac

5. a5

7110.0124 PI. \_\_\_

RECEIVED KANSAS CORPORATION COMMISSION

TYP SERVICES

\* \* \*

DRILLERS LOG

TXD SERVICES 2008

TXD SERVIC	CES	İ	DRILLERS (	.UG		CONSE	ERVATION DIVISIO	N .
<u>/</u>				T. 28	R. 20	GAS TESTS:	WICHITA KS	
KIG #	101		S. 19	Neosho		281'	0	
API #	133-27304		County: Location:	Kansas		343'	- 0	
Elev.:	908'		Locaton	Named		374	<del>- 6</del> -	
1	Quest Che	Pokos II C				436'	0	
Operator. Address		ay Ave., Suit	e 300			467'	0	
Variass						498'	0	
		City, OK. 73	Lease Name:	Heady, J.B		529'	0	
WELL#	19-1					560'	0	
Footage location	<u> </u>		ft from the ft from the			591'	0	
		785	TXD SERVI			622'	0	
Drilling Contract				CES EF		653 <sup>°</sup>	2 - 1/2"	8.87
Spud Date:	NA		Geologist:	870'		71 <b>5</b> '	4 - 1/2"	12.5
Date Comp:	12-5-07	VID OF	Total Depth:	870		713 777'	19-1 1 /4"	191
Exact Spot Loc		NE SE				777	10-11/-	
Casing Rec			Rig Time					
	Surface	Production						
Size Hole	12-1/4"	6-3/4"						IDENTIAL
Size Casing	8-5/8"	4-1/2"					COM	4 0000
Weight	24#	10-1/2#		·		<del></del>	- MAR	3 1 2008
Setting Depth	22'							
Type Cement								KCC-
Sacks .	l		WELLER					
	- RSI	YE	WELL LOG		Btm.	Formation	Тор	Btm.
Formation	Тор	Birn.	Formation	Тор	100	A STATE OF THE STA	575	
NOP BOIL!	0		coal	306		sand	587	58B
day/shale/lime	1		lime	308		coal	568	617
lime ·	22		coal	337		shale	617	619
shale :	37		lime	339		coal	619	
lime '	47		coal	347		shale	638	
shale	50		shale	349		sand	647	649
lime	60		sand	368		b.shale	649	
shale	65		shale	391		shale	693	
b.shale	99		coal	432 434		shale	694	
lime	101		shale	460		coal	711	
shale	121		coal	462		shale	712	
lime	126		shale	480		mississippi	756	
shale	137		coal				/ / 30	870
b.shale	140		sand	482				<del> </del>
lime	142		shale					<del> </del>
sand	147		b.shale shale	492			<del></del>	<del>                                     </del>
b.shale	174 176		coal	520			<del> </del>	<del> </del>
bols	199		shale	521			+	<del> </del>
shale :	215		coal	543			<del></del>	<del> </del>
lime :	. 215	JI 401	I WEI	يوسن ا	,, U44	' B	_ <b>1</b>	
2001				RAZ				
coal shale	267 269	269	sand shale	544 550	550			

314' injected water, 756-870' odor

Comments: