KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION

September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344	API No. 15 - 133-26494-00-00
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	seseSec. 33 Twp. 28 S. R. 19
City/State/Zip: Chanute, KS 66720	800 feet from (\$) 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: Well Refined Drilling Company	Lease Name: Mih, Alexander D. Well #: 33-4
License: 33072	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 954 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 980 Plug Back Total Depth: 975.16
— Oil — SWD — SIOW — Temp. Abd.	2416
SWD SIOW Temp. Abd 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 975.16
Operator:	feet depth to surface w/ 120 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 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:
3/3/06 3/6/06 3/10/06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. 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	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-130 geologist well report shall be attached with this form. ALL CEMENTING . Submit CP-111 form with all temporarily abandoned wells.
	at दर्गान्त्रमं मुन्दे g as industry have been fully complied with and the statements CORPORATION COMMISSION
Hand of Operations 6/26/06	IUN 2.7 2006 KCC Office Use ONLY
CO	NSERVATION DIVISION Letter of Confidentiality Received
Subscribed and sworn to before me this <u>au ta</u> y of	WICHITA, KS If Denied, Yes Date:
20 <u>06</u> .	Wireline Log Received
Notary Public: Quenific X. Amonana	Geologist Report Received UIC Distribution
Date Commission Expires: Ouly 30, 2009	A _ JENNEERR AMMANN
	Notary Public - State of Kansas
į M ₃	Appl Expires 7-30-09

Operator Name: Qu	est Cherokee, LL	<u>.C</u>		Lease	Name:.	Mih, Alexand	ler D.	Well #:334	<u> </u>	
Sec33Twp	28 S. R. <u>19</u>	✓ East	West	Count	y: Neos	ho	· · · · · · · · · · · · · · · · · · ·			
tested, time tool ope temperature, fluid re	Show important tops on and closed, flowing acovery, and flow rate gs surveyed. Attach	g and shut-ines if gas to s	n pressures, urface test, a	whether sl along with t	hut-in pr	essure reached	static level, hyd	drostatic pressure	es, bottor	m hole
Drill Stem Tests Tak		Yes	S 🗸 No		 ✓ r	og Forma	ion (Top), Depth	and Datum	§	Sample
Samples Sent to Geological Survey					Name Top See Attached			Тор		Datum
Cores Taken Yes Electric Log Run (Submit Copy)										
List All E. Logs Run	:									
Comp. Density Dual Induction										
		Report		RECORD		ew Used ermediate, produ	ction etc.			
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	Wei	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	12-1/4"	8-5/8"	iii O.D.)	20#	7	21' 6"	"A"	4	A	Julives
Production	6-3/4"	4-1/2		10.5#		975.16	"A"	120		
			ADDITIONAL	CEMENTI	NG / SOI	JEEZE RECOR				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	T	f Cement	#Sacks		JELZE NEOON		I Percent Additives		
	PERFORAT	ION RECORD	- Bridge Plu	ns Set/Tyne		Acid Fr	acture Shot Ceme	ent Squeeze Recor	d	
Shots Per Foot		Footage of Ea				(Amount and Kind of Material Used) Dept				
4	861-864/808-81	0				400gal 15% HCl, w/ 13	obis 2% kd water, 435bbis w	ater w/ 2% KCL, Biocide 7200	# 20/40 sand	861-1:61/808/810
4	4 598-600/563-566 400gal 15% HCL w/ 29 bbls 2% kcl water, 416bbls water w/ 2% KCL, Blockde 7765# 20/40 sand 598-li00/5									5984 00/563-560
4	177.175.75								441-45/452-456	
TUBING RECORD 2-	Size -3/8"	Set At 898		Packer A n/a	Λī	Liner Run	Yes 🗸 N	ło		
Date of First, Resume 4/30/06	rd Production, SWD or I	Enhr. I	Producing Met	thod [Flowin	g 🕢 Pump	ing Gas	Lift Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil n/a	Bbls.	Gas 2.7mcf	Mcf	Wate 54.71		Bbls.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF (57.7 1	Production Inte	rval			<u></u>
Vented ✓ Sold (If vented, S.	Used on Lease		Open Hole Other (Spec	✓ Perf.		Dually Comp.	Commingled			



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

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JUN 27 2006

CONSERVATION DIVISION WICHITA, KS

TICKET NUMBER 1307

FIELD TICKET REF #

RANGE

19

COUNTY

TOWNSHIP

28

SECTION 33

TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

3-10-06	Mih A	lexand	er_		33-4		33	<u> 28 _</u>	19	NO_
FOREMAN / OPERATOR	TIME IN	TIME	1	ESS NCH	TRUCK #		TRAILER #	TRUC HOUF		EMPLOYEE SIGNATURE
Joe B	10:45	145	1	10	903388			3		pe Blown
TiM. A.	10:45	145			903255			3		In get
Russell. A	10:45	145			903103			* 3		luga
david. C	10:45	145			903296	9	32452	3		Day Dog
Jeff. M	10:45	145		/	903106			3	5.15	Left muteteel
MAURYICK D	10:45	145		₹	CXTra	<u> </u>		3		Willed
JOB TYPE LUNG SH 1	<u>. ಬಂ√</u> HOLE ೪	SIZE <u>63</u>	14		HOLE DEPTH98	0_	CASII	NG SIZE & V	VEIGHT	41/2 10.5
CASING DEPTH 97	5:/6 DRILL	PIPE			TUBING		OTHE	R		,
SLURRY WEIGHT_/										G
DISPLACEMENT 15	.55 DISPLA	ACEMENT P	SI		MIX PSI		RATE	_4bp	<u>~ ·</u>	
RAN 25KS	Dram cel	Swept-	to 50	rfac	e. INSTAL	100	1 Ceme	nt hear	<u>d</u> 11,	an 10 661
REMARKS: Pan 2 5x5 dye followed	d by	130 5	KS of	- رم > ``	ment to get	<u>d</u> y	1e to 50	Vface.	Flu	sh pump.
Pumped	INI DOLL I	aluc to	bot	toni	of Let FI	ما	+ 5 hol			, b
		7								
			,							
										The same of
	97	5.16	F+	リソク	" Casing					
			Centra							
					alve					
62/2/	2	hr h			va C1 C1					
93/3/6	2	hy	_	_				<u></u>		
930801 3		7.7	Cosci	337	vàilor		-			TOTAL
ACCOUNT CODE	QUANTITY or	UNITS			DESCRIPTION OF S	ERVI	CES OR PRODU	СТ		TOTAL AMOUNT
903388	3	hr	Foreman F	Pickup						
903255	3	hr	Cement P	ump Tru	ıck					
903103	5	5 hr	Bulk Truck							
1104		20 SK	Portland C							
1124	2		50/50 PO	Z Blend	Cement BASFIES	_3	1/2" At 3"			
1126	1		OWC - Bi	end Cer	ment リル' wip	P 1	Pluis			
1110		13 5K	Gilsonite							
1107		1.5 SK	Flo-Seal							
1118		2 SK	Premium	Gel						
1215A	1 cycl		KCL		C 1 1 1 1 1			- ;		4
1111B		3 5K			Catchloride			 		
1123	7000 gal	 -	City Wate							
903296		3 /	Transport					<u> </u>		
932452		3 hr	Transport	Trailer			<u>.</u>			
903106		3 / hr	80 Vac		1 (1					
Ravin 4513		1			1 AMP					
1		3	7 72	_ (1 17 (1.1 1)					

Well Refined Drilling Company, Inc.

4270 Gray Road - Thayer, KS 66776

Contractor License # 33072 - FEIN # 48-1248553

620-763-2619/Office; 918-449-0976/Lowell Pocket; 620-432-6170/Jeff Pocket; 620-763-2065/FAX

									_
Rig #:	2	10.00	Lic#33344	ran salta i		SOL	I (88S	R 19E	
API#:	15-133-264				人见端	bearing."	3	SE, SE	
Operator:	Quest Che	rokee, LLC			TOTAL S	CONT. T	10	Neosho	
Address:	9520 North	May Avenu	ie - Suite 30	00			<i>9</i>		•
5	Oklahoma	City, OK 73	120		Gas Tests				1
Well #:	33-4	Lease Nan Mih, Alexander D.			Depth	Oz.	Orfice	flow - MCF	
Location:	800	ft. from S			380		No Flow		1
A. 1. 3.1	660	ft. from E	Line		430	11	No Flow		l k
Spud Date:		3/3/2006	-		455	10	1 1/4"	138	1
Date Complet	ted:	3/6/2006	TD:	980	480	12	1 1/4"	152	
Driller:	Mike Reid				555	16	1 1/4"	176	
Casing Rec	ord	Surface	Production		580	Ga	s Check Sa	me	
Hole Size	_	12 1/4"		6 3/4"	605		s Check Sa		1
Casing Siz	е	8 5/8"			805		s Check Sa]
Weight					864	Ga	s Check Sa	me	l
Setting De		21' 6"			880	21	1 1/4"	201]
Cement Ty	/pe	Portland							1
Sacks		4							1
Feet of Ca	sing	21' 6"]
									J
Rig Time		Work Perfo	med						ł
									Į
						i.			1
								 	1
Geologist:								l	Į.
				Well Log					ĺ
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation	1
0		OB	167	170	lime	307	324	shale	
1		Kansas City-	170		sand	324		lime	j
7		shale	178		shale	328		Mulberry- coa	al e
12		sand	206	208		329		shale	1
18		lime	208		shale	331		lime	1
23			209		sand		362' 6"	shale	1
43	44' 6"	coal	216	225		362' 6"		Pink- lime	1
1		Wet	225		shale	371].
44' 6"		shale	238		Lenapah- lime		373' 6"	Lexington- blk	shale
63		lime	243		shale	373' 6"		shale	1
72		shale	244	245' 6"	blk shale		390' 6"	coal	1
108		lime	0.451.011	040	Wet	390' 6"		shale	ł
125		shale	245' 6"		shale	392		Peru- sand	ł
148	151	lime	248		Altamont- lime	414		shale	ł
151	162	Wet shale	250 274		shale	416 417' 6"	417' 6"	coal	ł
	164' 6"	coal	274	275	shale	417 6 419		shale lime	ł
164' 6"		shale	2/5			437		lime shale	ł
107 0	107	21 Idie	201	307	Weiser- sand	437	436	snale	j

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CANSAS CORPORATION COMMISSION

JUN 27 2006

CONSERVATION DIVISION WICHITA, KS

Operator:	Quest Cherok	ee, LLC	Lease Name:		Mih, Alexande	Well#	33-4	page 2
Тор	Bottom	Formation	Тор	Bottom	Formation	Top	Bottom	Formation
		Summit- blk s		657' 6"	Weir- blk shal	е		
439' 6"	440	shale	657' 6"	659	coal			
440			659	662	shale			
443	445	Mulky- blk shi	662	669	Bartlesville- sa	and	I	
445	448	shale	669	676	shale			
448	453	lime	676	679	sand			
453		shale	679	690	shale			
454	455' 6"	Ironpost- coal	690	693	sand			
455		Add Water	693	695	Laminated san	d	1	
455' 6"	462	shale	695		shale			
462	482	Squirrel- sand		701' 6"	Bluejacket- co	pal		
482	490	shale	701' 6"	717	shate			
490	499	sandy/ shale	717	722	sand			
499	539	shate	722		shale			I
539	540	lime	803	804' 6"	Rowe- coal			
540		shale	804' 6"		shale			
541	542' 6"	blk shale	809	810' 6"	Neutral- coal			$\mathbf{I} \cdot \ldots$
542' 6"	544	coal	810' 6"	828	shale			.:
544	559	shale	828	829	Drywood- coa	d		-
559	560	Ardmore- lime	829	839	shale			I
560		shale	839	841	sandy/ shale			
561	562' 6"	Crowburg- blk	841	860	shale			
562' 6"		shale	860		Riverton- coa	l		
565	566	coal	863	870	shale			
566		shale	870		lime			
590		Fleming- coal	980		Total Depth			
591	599	shale						
599		blk shale						
601		Mineral- coal						
602		shale						
607		sandy/ shale						
612		shale						
628	640	Cattleman- sa	and					
		Oil Odor						
640	656	shale						

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JUN 27 2006

CONSERVATION DIVISION
WICHITA, KS

Notes: 06LC-030606-R2-021-Mih, Alexander D. 33-4 - Quest



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KANSAS CORPORATION COMMISSION

JUN 27 2006

CONSERVATION DIVISION WICHITA, KS

DATE: 03/06/2006

	Data fro	g Well	Well Refined Drilling Rig #2.				
WELL NAME: Mih. Alexand	der D. SECTION: 33	REP	ORT#: SP	UD DATE:	3/3/2006		
WELL #: 33-4	TWP: 28S	DEP					
FIELD: Cherokee Ba		PBT					
COUNTY: Neosho			· · · · · · · · · · · · · · · · · · ·	FROM 11	LINE		
			·	5 / S / S / S / S / S / S / S / S / S /			
STATE: Kansas	API #: 15-13	3-26494-00-00	——————————————————————————————————————	FROM East	LINE		
(A.F.)				SE SE	<u> </u>		
ACTIVITY DESCRIPTIO				······································			
Well Refined Drilling, Mik	e Reid, drilled to TD 980 ft. on 03/0	6/2006.			·		
GAS SHOWS:	Cumulative Gas		Net Gas / Com	ments			
Mulberry Coal	0 mcf/day @	328-329 FT.					
Lexington Shale & Coal	0 mcf/day @	372-373.5 FT.	Gas Test at 38				
Summit Shale & Coal	0 mcf/day @	438-439.5 FT.	Gas Test at 43				
Mulky Shale & Coal	138 mcf/day @	443-445 FT.		om Mulky. Gas			
Bevier Coal	152 mcf/day @	541-544 FT.		m this area. Gas			
Verdigris Limestone	176 mcf/day @	559-560 FT.	24 mcf/day fro	m this area. Gas	Test at 555 ft.		
Croweburg Shale & Coal	176 mcf/day @	561-566 FT.	GCS. Gas Te				
Fleming Coal	176 mcf/day @	590-591 FT.	GCS. Gas Te	st at 605 ft.			
Weir Coal	176 mcf/day @	656-659 FT.		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Bartlesville Sand	176 mcf/day @	662-669 FT.					
Rowe Coal	176 mcf/day @	803-804.5 FT.	GCS. Gas Te	st at 805 ft.			
Neutral Coal	176 mcf/day @	809-810.5 FT.					
Riverton Coal	176 mcf/day @	860-863 FT.	GCS. Gas Te	st at 864 ft			
Mississippi	201 mcf/day @	Top at 870 FT.		m this area. Gas	Toot at 880 ft		
	201 mc/day @	TUP AL O/U FI.	GCS at TD.	iii uiis aica. Gas			
TD: 980 ft.	Driller's hand written notes.		GCS at 1D.				
Zone not identifiable from	Driller's nand written notes.						
Formation	n Tops and Casing Recommendatio	n made without h	enefit of viewing onen-h	ole logs first			
	Tops and Casing Accommendation		thent of viewing open-u				
Surface Casing @ 21.6 ft.			······································				
Surface Casing Size: 8 5/8	8"						
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·				
	formation in this Report was taken						
& orifice checks reflect wh	at the driller recorded during drilli	ng activities. Zon	es listed below are fyi or	ıly.			
							
Lenapah Limestone 238-243							
Altamont Limestone 248-250)		B				
Weiser Sand 281-307							
Pawnee Limestone 331-371							
Stray Coal 389-390.5							
Stray Coal 416-417.5							
Oswego Limestone 419-437							
Peru Sand 392-414							
Iron Post Coal 454-455.5	 						
Squirrel Sand 462-482							
Mineral Coal 601-602			· · · · · · · · · · · · · · · · · · ·				
Cattleman Sand 628-640							
Bluejacket Coal 700-701.5			*************************************	-			
Stray Coal 828-829			·				
CACINIC DECOMMENDA	TIONS.						
CASING RECOMMENDA	ATIONS: Run casing / Ce	ment to surface					
End of Geologic / Drilling I	Report. Thank You!						
On Site Representative:	Ken Recoy, Senior Geologist,	CPG #4630 (620)	305-9203 Cell KRecov	@arcp.net			
on one representative.	Tien Actory, Senior Geologist,	TOOU (UAU)	The same of the same of	A. shiner			