

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344	API No. 15 - 133-26478-0000
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	nwswSec26Twp28S. R17EastWest
City/State/Zip: Chanute, KS 66720	1980 feet from S N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	1980 feet from E / Wicircle 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	Lease Name: Umbarger, M. Keith Well #: 26-1
License: _33072	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: multiple
Designate Type of Completion:	Elevation: Ground: 962 Kelly Bushing: n/a
✓ New Well Re-Entry Workover	Total Depth: 1155 Plug Back Total Depth: 1151.35
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21' 1" 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 1151.35
Operator:	feet depth to_surfacew/_149sx cmt.
Well Name:	SX CITE.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride contentppm Fluid volumebbls
Commingled Docket No.	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
1/31/06 2/1/06 2/6/06	Quarter Sec. Twp. S. R. East West
Spud Date or Pate Reached TD Completion Date or Recompletion Date Date Reached TD Recompletion Date	County: Docket No.:
	Docker No.:
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 1 107 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 regulations.	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 82-3-109 and geologist well report shall be attached with this form. ALL CEMENTING and Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	
Signature: 12 Canada	KCC Office Use ONLY
Title: Head of Operations Date: 5/30/06	1
Date:	
Subscribed and sworn to before me this 30th day of 1) (au	Wireline Log Received Geologist Report Received
20 <u>0le</u> .	Wireline Log Received KANSAS CORPORT
Notary Public: Dennife K. Winnan	MAY 3 / 200
Date Commission Expires: Dayly 30, 2009	TION DIVISION
	Notary Public - State of Kansas
My Appt	Expires 7-30-09

Operator Name: Q	uest Cherokee, L	LC	Lease Name:	Umbarger, I	M. Keith	Well #: 26-	1
Sec Twp	28 S. R. 17	✓ East	County: Neo				
ested, time tool op- emperature, fluid re	en and closed, flowi ecovery, and flow rat	and base of formations ng and shut-in pressure: es if gas to surface test, final geological well site	s, whether shut-in p , along with final cha	ressure reache	d static level, hyd	rostatic pressur	es hottom hole
Orill Stem Tests Tak (Attach Additiona		_ Yes ✓ No	Z	Log Forma	ition (Top), Depth	and Datum	Sample
Samples Sent to Ge	eological Survey	☐ Yes 🗸 No	Nar Soc	me e Attached		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☑ Yes ☐ No		, Allaoned			
ist All E. Logs Run Comp. Densit Dual Inductior Gamma Ray N	y/Neutron Log n log						
			G RECORD N	lew Used termediate, produ	ection, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
Surface	12-1/4"	8-5/8"	20#	21' 1"	"A"	4	Additives
Production	6-3/4"	4-1/2"	10.5#	1151.35	"A"	149	
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	ADDITIONA Type of Cement	AL CEMENTING / SQ #Sacks Used	UEEZE RECOR		Percent Additives	
Shots Per Foot	PERFORAT Specify	ION RECORD - Bridge Plu Footage of Each Interval Pe	ugs Set/Type		acture, Shot, Cemer		
		/770-772/733-735/715-71			mount and Kind of M		Depth # 20/40 sand 1044-1047/98
				500gal 15% HCL w/ 29	oblis 2% kcl water, 590bbls wate	erw/2% KCL, Biocide 9000#	# 20/40 sand 770-772/733
							715-717
,				400gal 15% HCL w/ 50 b	bls 2% kci water, 570bbls water	w/ 2% KCL, Biocide 12100#	20/40 sand 652-656/639-
	Size 3/8"		Packer At n/a	Liner Run	Yes ✓ No)	
ate of First, Resumero	d Production, SWD or E	,g	thod Flowing	g ✓ Pump	ing Gas Li	ft Other	(Explain)
stimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wate	-		Gas-Oil Ratio	Gravity
sposition of Gas	n/a METHOD OF C	21.4mcf	98bb	Production Inte	nya!	RECE	IVED TION COMMISSION
Vented ✓ Sold (If vented, Suited)	Used on Lease	Open Hole		Production inte	Ki Commingled _	ANSAS CORPORA	1 2006
		□] Outer (Spec	му)				ATION DIVISION HITA, KS

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

40	1 May 200 () 1 (0)	economic a secon	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	 . ,	
	S NE	RG.	乡 _{在L}	り	Rig #2	

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Rig #:	2 Lic#33344				S 26	T 28S	R 17E		
API#:	15-133-26478-00-00				1	Location:		NE, SW	
Operator:	Quest Cherokee, LLC					County:		Neosho	
Address:	9520 North	i May Aven	ue - Suite 3	00	1				
\$443X(\$777)		City, OK 73			Gas Tests				
Well #:	26-1	Lease Nan	Umbarger, M.	Keith	Depth	Oz.	Orfice	flow - MCF	
Location:	1980	ft. from S	Line		305		No Flow		
	1980	ft. from W	Line		405	3	3/8"	6.18	
Spud Date:		1/31/2006			480	10	3/8"	11.3	
Date Completed: 2/1/2006 TD: 1155					505	21	3/8"	16.3	
Driller:	Mike Reid	_			555	Ga	s Check Sa	ame	
Casing Rec	ord	Surface	Production	on	605	4	1"	51.6	
Hole Size		12 1/4"		6 3/4"	649	5	1"	57.7	
Casing Siz	е	8 5/8"			655	Ga	s Check Sa	ime	
Weight					680	Ga	s Check Sa	me	
Setting De		21' 1"			755	Ga	s Check Sa	me	
Cement Ty	rpe	Portland			780	3	1"	44.7	
Sacks		4			830	Ga	s Check Sa	ime	
Feet of Ca	sing	21' 1"			855	4	1"	51.6	
					930	6	1"	63.3	
Rig Time		Work Perfo	ormed		955	Ga	s Check Sa	ime	
					980	Gas Check Same			
					1005	Gas Check Same			
					1049	Gas Check Same			
					1055	Gas Check Same			
					1155	Gas Check Same			
				Well Log					
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation	
0	1	Overburden	185	189	shale	424	440	shale	
1	13	clay	189	215	lime	440	451	Altamont- lime	
13		shale	215	219	shale	451	465	shale	
41	45	lime	219	224		465		Weiser- sand	
		Wet	224		shale	471		shale	
45		shale	236		sand	498		sand	
47	74	sand	260		shale	514		shale	
		Wet	265	274		540	543	lime	
74		shale	274		shale		544' 6"	Mulberry- coal	
103	112		277	290		544' 6"		shale	
		Wet	290		shale	550		Pink- lime	
112	113			296' 6"	blk shale	575		shale	
		Wet	296' 6"		shale		594' 6"	Lexington- coa	
113		shale	298		Lenapah- lime			shale	
139	140		342		shale	599		Peru- sand	
140		shale	391		sand	608	616		
148	185		399		shale	616	617		
165		Added Water	423	424		617		shale	
Operator:	Quest Cherok	ee, LLC	Lease Name:		Umbarger, M.	Well #	26-1	page 2	

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Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
619	637	Oswego- lime	849	852	Lower Barties	ville-		
637	640	shale			sand			
640	642	Summit- blk s	hale		Oil Odor			
642	643	coal	852	861	shale			
643	645	shale	861	862	coal			
645	651	lime	862	866	shale			
651	652	shale	866		Tucker- sand			
652	654	Mulky- blk sha	886	887				
654	655	coal	887		shale			
655	658	shale	893		sand			
658	664	Squirrel- sand	902	903				
664		shale	903		shale			
714	715		913		sand			
715	716	shale	923		shale			
716	717	blk shale	944	959	sand			
717	718	Bevier- coal	959	960	coal			
718	730	shale	960		shale			
730		Ardmore- lime			sand			
731		shale		970' 6"	Rowe- coal			
		Crowburg- blk			shale			
733' 6"		shale		974' 6"	Neutral- coal			
764		Fleming- coal			shale			
765		shale	980		Drywood- coa			
		Mineral- coal	981		shale			
776' 6"	778	shale	987	988	coal			
778		Scammon- co			shale			
779		shale		991' 6"	coal			
	787' 6"	Tebo- coal	991' 6"	1044	shale			
787' 6"		shale	1044	1047	Riverton- coal			
	819' 6"	Weir- coal	1047					
819' 6"	824	shale	1051		Mississippi - (Chat		
824	833	Bartlesville- s	1059	1155	lime			
833	846	shale	1155		Total Depth			
846	847	Bluejacket- co	oal					
847	849	shale						

Notes: 06LB-020106-R2-009-Umbarger, M. Keith 26-1 - Quest

Keep Drilling - We're Willing!

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DATE: 02/01/2006

		Ι	Oata from Driller's]	Log	Well Refined Rig	2.
WELL NAME	Umbarger, M. Keith	SECTION:	26	REPORT#:	SPUD DATE:	1/31/2006
WELL#:	26-1	TWP:	28S	DEPTH:	1155	
FIELD:	Cherokee Basin	RANGE:	17E	PBTD:		
COUNTY:	Neosho	ELEVATION:	962	FOOTAGE:	1980 FT FROM South	LINE
STATE:	Kansas	API#:	15-133-26478-00-00	_,,	1980 FT FROM West	LINE
			2 13 133 20170 00 00		NE SW	LINE
ACTIVITY DES	SCRIPTION:					
Well Refined Dr	illing, Mike Reid drilled	to TD 1155 ft. on 02/	01/2006.			
GAS SHOWS:	Ci	umulative Gas			Net Gas / Comments)
					6 mcf/day from this area. Gas test at 4	IOS #
					11 mcf/day from this area. Gas test at	
Mulberry Coal		16 mcf/day @	543-544.5	FT.	16 mcf/day from this area. Gas test at	
Lexington Shale	& Coal	16 mcf/day @			GCS at 555 ft.	JOJ 11.
Summit Shale &	Coal	52 mcf/day @			36 mcf/day from this area. Gas test at	605 ft
Mulky Shale & (Coal	58 mcf/day @			6 mcf/day from this area. Gas test at 6	
Bevier Coal		58 mcf/day @			The state of the s	710 16.
Croweburg Shale	e & Coal	58 mcf/day @			GCS. Gas test at 755 ft.	
Fleming Coal		44 mcf/day @	764-765	FT.	Gas test at 780 ft.	
Weir Coal		44 mcf/day @		FT.		
Bartlesville Sand		44 mcf/day @	824-833	FT.	GCS. Gas test at 830 ft.	
Rowe Coal		63 mcf/day @	969-970.5	FT.	5 mcf/day from this area. Gas test at 9	30 ft.
Neutral Coal		63 mcf/day @		FT.		
Riverton Coal		63 mcf/day @	1044-1047	FT.	GCS. Gas test at 1049 ft.	
Mississippi	nable from Driller's han	63 mcf/day @	Top at 1051	FT.	GCS. Gas test at 1055 ft.	
	Formation Tops and Ca	sing Recommendatio	n made without benefit o	f viewing open-l	hole logs first.	
Surface Casing @) 21.1 ft.					
Total Depth @ 11						
Surface Casing S	ize: 8 5/8"					
OTHER COMM	ENTS: Information in th	nis Report was taken	directly from the Driller'	s hand written n	notes. All depths	
& orifice checks i	reflect what the driller re	ecorded during drilli	ng activities. Zones listed	below are fyi o	nly.	
Pawnee Limestone						
Peru Sand 599-608 Oswego Limestone						
Squirrel Sand 658-						
Mineral Coal 775- Scammon Coal 7						
Tebo Coal 786-78						
Bluejacket Coal 84						
	N			1841		
If the Zone above	has no footages listed, the	he Zone was not iden	tifiable from the Driller's	hand written n	otes.	
CASING RECOM	MENDATIONS:	Run ca	sing / Cement to surface			
	Drilling Report. Thank					
On Site Represent	tative:	Ken Recoy, Senior	Geologist, CPG #4630 (6	20) 305-9203 Ce	ell. KRecoy@grcp.net	

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CONSERVATION DIVISION WICHITA, KS



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

TICKET NUMBER	PIO E
FIELD TICKET RI	EF#
FOREMAN Jue	•

RANGE

SECTION | TOWNSHIP

TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

DAIL					0.4	20		
2-6-06	umbaro	jer_	Keith	26-1	26		17	NO
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS		EMPLOYEE SIGNATURE
Joe. B	2:30	6:45		903388		4. 20		La Black
Tim . A	2:30	6:15		903255		-3.75		In any way
Russell . A	2:30	6:00		903103		3.5		4-5
david. c	2:30	6:30		903296	9321152	4	A	Jase Hall
Marevick . E	11:00	5:00		931500		-6		
JOB TYPE LONGSTAINS HOLE SIZE 63/4 HOLE DEPTH 11.55 CASING SIZE & WEIGHT 4/2 CASING DEPTH 11.51.35 DRILL PIPE TUBING OTHER SLURRY WEIGHT 14.5 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING								
DISPLACEMENT 18.	36 DISPLA	CEMENT P	SI M	MIX PSI	RATE	460	m	
REMARKS: RAN 2 S SK DIFM Jet dye		owed b						#.·.
		36	E1 411/0	Carina		Otan Military and American State of the Stat		
	1151	- 37	Ft 41/2 Centralist	· casing				
		1	41/2 Weld					
903139	2.	5 6	Cosing tr					
9308011	2.		Casing +	vailer				
ACCOUNT CODE	QUANTITY or				ERVICES OR PRODU	ICT		TOTAL AMOUNT
	42:	-	Foreman Pickup	A STATE OF S				
903388		75 1/	Cement Pump Truck	k		•		
903/03	3 ,		Bulk Truck					
1104		49 N	Portland Cement			v.		,
1124		· 5K	50/50 POZ Blend C	Dement FRACTAS	(105 31/2") por Plug	A 3.1		
1126		ζ	OWC - Blend Ceme	ent 41/2 wi	por Plug			
1110	j.	6	Gilsonite			**	RECE	IVED
1107	/.	.5	Flo-Seal		2	KANSASC	ORPORA	IVED TION COMMISSION
1118		3 3	Premium Gel			144	114 2	1 2006
1215A		J K	KCL				C TAN	1 200
1111B	1301	3	Sodium Silicate	Co Ichlavida	<u>e</u>	-	ONSERVA	TION DIVISION
1123	7000 al	SK SK	City Water			·	WIC	HITA, KS
962256	3.	Ĭ	Transport Truck					
9371152		1	Transport Trailer					
521500		6	80 Vac					
Ravin 4513	[4113	Float Shor				