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 - 205-27244-0000
Name: Quest Cherokee, LLC	County: Wilson
Address: 211 W. 14th Street	nenw_Sec. 4 Twp. 28 S. R. 16 7 East West
City/State/Zip: Chanute, KS 66720	660 feet from S / (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	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: Michael Drilling	Lease Name: Wing Living Trust Well #: 4-2
License: 33783	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 988 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1338 Plug Back Total Depth: 1328.21
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21.5 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 1328.21
Operator:	feet depth to surface w/ 170 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Alt II NOC -2 -09 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	1
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.:
7/11/07	Quarter Sec TwpS. R
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 regul 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
Signature: Gunnifu R. Ammann	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 11/12/07	Letter of Confidentiality Received
Subscribed and sworn to before me this 131 day of	If Denied, Yes Date:
20_07.	Wireline Log Received KANSAS CORPORATION COMMISSION
Notary Public: Servia Ylauman	Geologist Report Received UIC Distribution NOV 1 4 2007
9 0.414	
Notary P	RA KLAUMAN ublic - State of Kansas B-4-3010

MANAGO

Operator Name: Que:	st Cherokee, LL	С		Lease	Name:_	Ning Living Tru	ıst	_ Well #: 4-2		•		
Sec. 4 Twp. 28			West	County	y: Wilson	<u> </u>						
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco	and closed, flowing overy, and flow rate	g and shut- s if gas to s	in pressures, surface test, a	whether sl long with f	nut-in pre	essure reached	static level, hydro	static pressure	es, bottom	hole		
Drill Stem Tests Taken (Attach Additional S		☐ Ye	s 📝 No		 ✓L	og Formati	on (Top), Depth a		☐ Sa	mple		
Samples Sent to Geol	ogical Survey	☐ Ye	s 🗹 No		Nam See	e attached		Тор	Da	tum		
Cores Taken		☐ Ye	s 📝 No					· ·				
Electric Log Run (Submit Copy)		Ye	s 🗌 No									
List All E. Logs Run:												
Compensated D Dual Induction L Gamma Ray Ne	.og	Log										
		Damasi		RECORD	☐ Ne	_	41					
Purpose of String	Size Hole		Casing	Wei		ermediate, produc	Type of	# Sacks		d Percent		
Surface	Drilled 12-1/4	Set 8-5/8"	(In O.D.)	Lbs.	/̈Ft.	Depth 21.5	Cement	Used 5	Additives			
Production	• 6-3/4	4-1/2		10.5		1328.21	"A"	170				
				10.0								
			ADDITIONAL	CEMENTI	NG / SOI	JEEZE RECORI	<u> </u>		<u></u>			
Purpose:	Depth	Timo		#Sacks		LEZE NEOGNE		Percent Additives				
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	туре	of Cement	#3aurs	oosed		Type and F	ercent Additives				
Shots Per Foot	PERFORATI Specify	ON RECORI Footage of E) - Bridge Plug ach Interval Per	s Set/Type forated			cture, Shot, Cemen mount and Kind of Ma		d	Depth		
4 1217-1219					300gal 15%HCL w/ 26b	bla 2%kcl water, biocide, 440b	bls 2%kcl, biocide, 1500/	20/40 sand 1	217-1219			
4 1092-1094/977-979/940-943/922-924/1099-1101					300gal 15%HCL w/ 32bbts 2%kcl water, blocide, 640bbts 2%kcl, biocide, 4300# 20/40 sand 1092-1094/977-979							
								10	99-1101 94	0-943/922-924		
TUBING RECORD 2-3/	Size 8"	Set At 1242	r	Packer A	At	Liner Run	Yes 🗸 No					
Date of First, Resumerd 7/31/07	Production, SWD or E	inhr.	Producing Met		Flowin	g 🕢 Pumpi	ng 🔲 Gas Lil	t 🔲 Othe	er (Explain)	•		
Estimated Production Per 24 Hours	Oil n/a	Bbis.	Gas 0.3mcf	Mcf	Wate 116.6		Bbls. G	as-Oil Ratio		Gravity		
Disposition of Gas	METHOD OF C	OMPLETIO	N .	,		Production Inte	rval					
Vented Sold (If vented, Sub	Used on Lease mit ACO-18.)		Open Hole Other (Speci	(fy) Perf		Dually Comp.	Commingled _					

071207

Michael Drilling, LLC P.O. Box 402 Iola, KS 66749 620-365-2755

Company:

Quest Cherokee LLC

Address:

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date: <u>07/12/07</u>

Lease: Wing Living Trust

County: wilson

Well#: 4-2

API#: 15-205-27244-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
0-22	Overburden	682-703	Shale
22-60	Lime	703-705	Coal
50-81	Sand	705-755	Sand
81-154	Shale	755-759	Lime
154-176	Lime	759-763	Coal
76-269	Shale	763-788	Lime
269-280	Lime Streaks	788-791	Black Shale
280-300	Sand	791-802	Shale
300-322	Sandy Shale	802-804	Coal
322-337	l.ime	804-810	Shale
337-353	Sandy Shale	810-833	Lime
353-450	Lime	833	Gas Test 25" at 1/4" Choke
450-454	Black Shale	833-840	Black Shale
454-459	Lime	840-847	Lime
459-498	Lime and Shale	842	Gas Test 25" at 1/4" Choke
498-540	Lime	847-851	Black Shale and Coal
540-560	Shale	851-860	Sandy Shale
560-612	Sandy Shale	858	Gas Test 5" at 1/2" Choke
612-614	Coal	860-914	Sand
614-624	Lime	914-915	Coal
624-647	Shale	915-934	Shale
647-661	Lime	934-936	Lime RECEIVED KANSAS CORPORATION COMMIS
661-677	Shale	936-938	Coal
677-682	Sand	938-970	Sandy Shale NOV 1 4 2007

6007 09:16 GCA 6203653029

Michael Drilling, LLC P.O. Box 402 Iola, KS 66749 620-365-2755

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Lease: Wing Living Trust

County: wilson

Well#: 4-2

API#: 15-205-27244-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
970-972	Coal		To Much Water For Gas Test
972-990	Sand	1336	ТЪ
990-991	Coal		
991-1000	Sandy Shale		Surface 22'
1000-1010	Sand		
1010-1021	Shale		
1021-1022	Coal		
1022-1050	Sand		
1050-1065	Shale		
1065-1066	Coal		
1066-1093	Shale		
1093-1095	Coal		
1095-1104	Shale		
1104-1106	Coal		
1106-1109	Shale	_	
1109-1199	Sand		
1150	Ocean- To Much Water For Gas Test		
1199-1202	Coal		
1202-1215	Shale		
1215	To Much Water For Gas Test		
1215-1218	Coal		
1218-1237	Shalc		RECEIVED
1237-1336	Missippi Lime		KANSAS CORPORATION COMMISSION
	To Much Water To See Samples		NOV 1 4 2007

QUEST



7.20-67

Ravin 4513

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

Wina

TICKET NUMBER 2311

FIELD TICKET REF #

RANGE

16

COUNTY

1,14

FOREMAN Jae

TOWNSHIP

SECTION

612760 TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

Livius trust

FOREMAN / OPERATOR	IN IME	OUT	LUNCH	#	#	HOURS	SIGNATURE
Jac · Is	3:30	7:00		903427		> . S	no Blacka
T. M. A		6:30		903255		3	In cour
Tyler . C .		6:45		903206		3.25	7-1
Mac Mi	-	6:45		931505	93/507	3.75	maculo al
Gary. C		7:00		931500		3.5	At Cocher
		l	<u> </u>	. L		<u> </u>	190
JOB TYPE har see	Tring HOLES	SIZE <u>63</u>	<i>/</i> 4 н	IOLE DEPTH 13	<u>38 </u>	NG SIZE & WEIGHT	41/2 10.5
CASING DEPTH 13							
SLURRY WEIGHT							
DISPLACEMENT 21	. 18 DISPLA	ACEMENT PSI	I M	1IX PSI	RATE	4.5pm	
REMARKS:	پېښتند نړ						
TNSTAIRED (encry hood	RALL	2 SKS 5x1	4 11 bbl	dyet 1	70 <u>skscfc</u>	my TOGO
dipoto surt	ace that	· purp ·	Pumping	ar plugto b	4 motto	Sit florts	nxa
		1 /					
							
	1328.	21_	ft 4.75	Casing			
		6	Central	izors	<u></u> ,		
			111/2 floc	atshal			
ACCOUNT	OHANTITY or	LINITO		DESCRIPTION OF SI	ERVICES OR PRODUC	T.	TOTAL
CODE	QUANTITY or	UNITS		DESCRIPTION OF S	ENVICES ON THOO		AMOUNT
903427	3.5	- ^/	oreman Pickup				
903 255	3	/11/	ement Pump Truck	k			
903206		3 h/	Sulk Truck				
1104		\circ	Ortland Cement	Comont Baff	le 31/2		
1124			WC - Blend Ceme		1 <u>5 012</u>		
1110			Ailsonite	11/2 with	ve plug		
1107	· · · · · · · · · · · · · · · · · · ·	- 35 	lo-Seal	1.			
1118		$2 < V \mid F$	Premium Gel			F	RECEIVED
1215A	lac	2 K	(CL ,		٨	KANSAS CO	RPORATION COMMISSION
1111B			odlum Silicate	Celchou	ride	NO	V 14 2007
1123	700	1 Fores	City Water			NU	V 17 2007
731505	2.	- i	ransport Truck				ERVATION DIVISION
931507	. 3.3	ot hu I	Transport Trailer				WCHITA, KS
931500	3.5	· h/ 8	30 Vac				