# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Septe

Form ACO-1 September 1999 Form Must Be Typed

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

Operator: License # 33344	API No. 15 - 133-26508 - 00 - 00
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	seneSec. 9 Twp. 29 S. R. 19
City/State/Zip: Chanute, KS 66720	1980 feet from S / (N)(circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	600 feet from (E) W (circle one) Line of Section
Operator Contact Person: Gary Laswell	Footages Calculated from Nearest Outside Section Corner:
RECEIVED	(circle one) (NE) SE NW SW
Contractor: Name: MOKAT KANSAS CORPORATION COMMISSION	Lease Name: LDH Farms Well #: 9-1
License: 5831 JUN 3 0 2006	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy CONSERVATION DIVISION	Producing Formation: Multiple
Designate Type of Completion: WICHITA, KS	Elevation: Ground: 948 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 987 Plug Back Total Depth: 981.95
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 23.6 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 981.95
Operator:	feet depth to surface w/ 120 sx cmt
Well Name:	Alt 2- Dig - [1]
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 BackPlug 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:
3/2/06 3/3/06 3/8/06	Lease Name: License No.:
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.	r 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
Signatura: //casses	KCC Office Use ONLY
Signature:	
Title:	Letter of Confidentiality Received
Subscribed and sworn to before me this 297 day of	If Denied, Yes Date:
20 <i>Ola</i> .	Wireline Log Received
Notary Public: Junifer B. Ammann	Geologist Report Received  UIC Distribution
Date Commission Expires: Quely 30, 2009	
Date Continuosion Expires.	JENNIFER R. AMMANN Notary Public - State of Kansas
My App	ot. Expires 7-30-09

Operator Name: Qu	est Cherokee, LL	C	· · · · · · · · · · · · · · · · · · ·	Leas	e Name:	LDH Farms		Well #: <u>9-1</u>	·
	<sup>29</sup> S. R. 19		st 🗌 West	Coun	ty: Neos	ho			
ested, time tool ope emperature, fluid red	how important tops a n and closed, flowing covery, and flow rate s surveyed. Attach	g and shu s if gas to	nt-in pressures, o surface test, a	whether along with	shut-in pr	essure reached	static level, hyd	rostatic pressure	es, bottom hole
Drill Stem Tests Take			Yes <b>√</b> No		<b></b> ✓L	.og Forma	tion (Top), Depth	and Datum	Sample
Samples Sent to Ge	,		res ☑ No		Nam	ne Attached		Тор	Datum
Cores Taken	<b>-</b>	_	Yes ✓ No		See	Allacrieu			
Electric Log Run (Submit Copy)		<b>7</b>	res 🗌 No						
ist All E. Logs Run:									
Comp. Density/Neu Dual Induction Gamma Ray Neutro	•								
				RECORD		ew Used			W346
Purpose of String	Size Hole		ort all strings set- ize Casing		surface, int eight	ermediate, produ	ction, etc.	# Sacks	Type and Percent
	Drilled		et (In O.D.)		s. / Ft.	Depth	Cement	Used	Additives
Surface	12-1/4"	8-5/8"		20#		23.6	"A"	4	
Production	6-3/4"	4-1/2		10.5#		981.95	"A"	120	
			ADDITIONAL	CEMENT	TING / SOI	JEEZE RECOR	D.		
Purpose:  — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	Тур	e of Cement	1	ks Used			Percent Additives	
Shots Per Foot			RD - Bridge Plu Each Interval Pe		0		acture, Shot, Ceme Amount and Kind of N		d Depth
4	835-837/890-89	3				400gal 15% HCL w/ 23	bbis 2% kcl water, 354bbis wa	er w/ 2% KCL, Blockle 750X	# 20/40 send 835-837/890-89
4	624-626/590-59	3				400gai 15% HCL w/ 33	bbis 2% kd water, 354bbis wat	ier w/ 2% KCL, Blocide 6100	624-626/590-59
4	488-492/475-47					400gal 15% HCL w/ 55	bbls 2% kol water, 429bbls wat	er w/ 2% KCL, Blockte 7200	# 20/40 sand 488-492/475-47
TUBING RECORD	Size	Set A	-	Packer	At	Liner Run		*****	<u> </u>
Date of First, Resumer	3/8" d Production, SWD or E	926 inhr.	Producing Met	n/a thod	Flowin	g <b>√</b> Pump	Yes ✓ N		or (Evelois)
5/18/06 Estimated Production Per 24 Hours	oil n/a	Bbls.	Gas 45.8mcf	Mcf	Wat 23.8	er I		Gas-Oil Ratio	Gravity
Disposition of Gas  Vented Sold (If vented, Sold	METHOD OF (  Used on Lease   ubmit ACO-18.)	COMPLETI	ON Open Hole Other (Spec	[√] Pe	rf. 📋 l	Production Inte	Commingled		



DATE: 03/03/2006

		Data	from Driller's	s Log	MOKAT Drilling Rig #2.				
WELL NAME	LDH Farms	SECTION:	9	REPORT	#:	SPUD DA	TE:	3/2/200	
WELL #:	9-1	TWP:	29S	DEPTH:	987				
FIELD:	Cherokee Bas		19E	PBTD:					
COUNTY:	Neosho	ELEVATION:	948	FOOTAGE	1980	FT FROM	North	LINE	
STATE:	Kansas	API#:	15-133-26508-0			FT FROM		LINE	
JIAIL.	Kansas		15-155-20508-0	0-00	000	·	SE NE	FINE	
ACTIVITY DES		, drilled to TD 987 ft. on (	13/13/7006						
	, ociala sinti	, drined to 1D 307 IL on					·		
GAS SHOWS:		Gas Measurement	***************************************		Net Gas / C	omments		***************************************	
Mulberry Coal		0 mcf/day @		FT. *					
Lexington Shale	& Coal	0 mcf/day @	420-421	FT.	Gas Test a	461 ft. No g	as.		
Summit Shale &		0 mcf/day @	479-480	FT.			***************************************		
Mulky Shale & C	Coal	0 mcf/day @	484-491	FT.	Gas Test a	485 ft. Ligh	t blow.		
Bevier Coal	**************************************	0 mcf/day @	557-558			510 ft. Ligh			
Verdigris Limest	one	0 mcf/day @	584-586	****		·Y			
Croweburg Shale	<del></del>	0 mcf/day @	589-591		***************************************				
Fleming Coal		0 mcf/day @	610-611						
Weir Coal		0 mcf/day @	737-738				***************************************		
Bartlesville Sand		0 mcf/day @	738-780			***************************************		***************************************	
Rowe Coal		0 mcf/day @	824-825					***************************************	
Neutral Coal		0 mcf/day @	839-840		Gas Test at	840 ft. Ligh	t blow.		
Riverton Coal		0 mcf/day @	884-887						
Mississippi		0 mcf/day @	Top at 898		Gas Test at	910 ft. Ligh	t blow.		
TD: 987 ft.					GCS at TD				
	fiable from Dri	ller's hand written notes.							
Surface Casing (a		os and Casing Recommen	dation made witho	ut benefit of v	viewing open	hole logs firs	<u>L</u>		
Surface Casing S					<del>.</del>				
OTHER COMM	ENTS: Informa	ation in this Report was to					pths		
Pawnee Limestone									
Oswego Limeston	e 449-470								
Mineral Coal 618-									
Red Shales 705-71 Bluejacket Coal 71									
CASING RECO	MMENDATIO	NS: Run casing	/ Cement to surfa	ice					
End of Geologic /		t. Thank You!							
On Site Represen	tative:	Ken Recoy, Senior Geolo	gist, CPG #4630 (	620) 305-920	Cell. KRec	oy@grcp.net			

RECEIVED KANSAS CORPORATION COMMISSION

JUN 3 0 2006

CONSERVATION DIVISION WICHITA, KS

**M.O.K.A.T. DRILLING** Office Phone: (620) 879-5377



P.O. Box 590 Caney, KS 67333

Operator	QUEST CHEROK	FFIIC	Well II o.		Lease	~~.	Loc.		14 14	1/4		Set.	Îτp.	Rge	<del>),</del>
	QUEST CHERON	CDE DEC.	9-1		L.D.I	I FARMS	3					y		29	19
			County		State		Type/Well		Depth	Hou	rs	Date Starte	d I	Date Con	npleted
			NEOS	НО		KS			987'			3-3-06	l		
Job No.		Casing Used			В	t Record	i			-1	Cori	ng Record			
		·		Bit No.	Туре	size	From	To	Bit No.	type	Size	From	To	%	Rec.
Driller		Cement Used													
						į	1 1		1		1	i			
Driller		Rig No. 🚓	>								<u> </u>				
											1				
Driller		Hammer No.									<b>†</b>	_		_	·····
) 				İ		ļ							1	1	

### Formation Record

-					Funnal	IUH N	CCUIU				
From			Fron		Formation	From	To	Formation	From	To	Formation
0	21	SURFACE	405	420	SHALE	840	884	SHALE			7 31770001
21	32	LIME	420	421	COAL ?	884		COAL (RIVERTON)			
32	39	COAL/BLACK SHALE	421	442	SAND	887	898	SHALE			
39	46	LIME	442	470	LIME			CHAT (MISSISSIPPI)			6
46	53	SHALE	470	479	SHALE						8
53	54	COAL	479	480	COAL		1.	T.D. 987			O AW
54	72	SANDY SHALE	480	484	LIME					-	PRECEIVED CORPORATION DOW JUN 3 0 2006 SERWITON DIVISION
72	73	LIME	484	491	BLACK SHALE						
73	81	SHALE	491	494	LIME					<del></del>	2 0 8.
81	97	LIME	494		SANDY SHALE						Og m b
97	141	SHALE	557	558	COAL (BEVIER)						
141	142	COAL	558		SHALE						
142	158	LIME	584		LIME (VERDIGRIS)						S 0
158	179	BLACK SHALE (WET)	589	591	COAL (CROWBERG)						3
179	181	LIME	591	610	SHALE						
181	186	SHALE	610		COAL (FLEMING)						
186	187	COAL	611	618	SHALE						
187	225	SHALE	618	619	COAL						
225	227	COAL	619		SHALE						
227	252	SAND	648	649	LIME						
252	257	LIME	649		SHALE						
257	264	SHALE	705	710	RED SHALE			,			
264	284	LIME	710	712	LIME						
284	302	SHALE	712	737	SHALE					7	
		SAND			COAL (WEIR)						
		SHALE			SANDY SHALE (BARTLESVILLE)						
363	368	LIME (PAWNEE)	780	782	COAL (BLUEJACKET)						
368		SHALE		824	SHALE						
374		LIME			COAL (ROWE)						
395	396	SHALE			SHALE						
396	405	LIME	839	840	COAL (NEUTRAL)						

80

2006

3:04AM

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LASERJET



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

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TICVET	NUMBER	1	≺	11	٦
HONE	NOMBELL		$\boldsymbol{\mathcal{I}}$	v	•

CICL D TICKET DEE #	Sale Tatal sec
FIELD TICKET REF #	

FOREMAN \_ Jue

## TREATMENT REPORT

			& FIELD	TICKET CEME	NT				
DATE		WELL	NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
3-8-06	I DH F	Arms	9-1			9	29	19	NO
FOREMAN / OPERATOR	TIME	TIME	LESS	TRUCK #		TRAILER #	TRUC	1	EMPLOYEE SIGNATURE
TOE B	2.00	6:15		903388			3.25	5 10	ce Barchard
Tim. A	3:00	5:45		903255			2.75		profelly
Russell · A	3:00	5 <b>3</b> 5		903103			n 2.5		
david. C	3:00	5:45		903296	9	32452	2.75		<u> </u>
	3:00	6:30		903106	<u> </u>		3.5	147	
TOM. G MAYCRICK.D	3:00	1700		extra			4		west Max
JOB TYPE 1 Dingst  CASING DEPTH 78  SLURRY WEIGHT 1  DISPLACEMENT 15  REMARKS:  RAN 2 3 KS P  1 3 0  TO DOTTON	1.95 DRILL 4.5 SLURI .66 DISPL  comget Si 5KS of	PIPE RY VOL ACEMENT PS	Surface.	MIX PSI		OTH	MENT LEFT in E リ	CASING_	
931310 T53		25 hr	Centralize	Swedge 4		" boll vel	Vc		

1	981.95	FF of AVD COSING	
	4	Centralizers	
		41/2 by 2 Swedge of 2" boll valve	
931310	1.25 h	Lasing tractor	
T53	1.25 K	Casing trailor	
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903388	2,25 hr	Foreman Pickup	
903255	2.75 hr	Cement Pump Truck	
903103	2.5 hr	Bulk Truck	
1104	120 SK	Portland Cement e	
1124	2	50/50 POZ Blend Cement BATTLES 31/2 4 3"	
1126		OWC - Blend Cement 11/2" wiper Plug	
. 1110	/3 SK	Gilsonite RECEIVE	D
1107	1.5 SK	Fio-Seal KANSAS CORPORATION	
1118	2 SK	Premium Gel JUN 3-0-2	<del>.006 — — — </del>
1215A	lact	KCL	
1111B	? 3K	Sodium Silicate (al Characo CONSERVATION D	Malon
1123	7000 <sub>G</sub> ol	City Water WICHITA, K	
903296	2.75 hr	Transport Truck	
9321152	2.75 11	Transport Trailer	
903106	3 5 h/	80 Vac	
Ravin 4513		H1/2 Clamp & weld outcoller	
		4112 Floct Shoe	1