## 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

22244	00500500 A6.450
Operator: License # 33344	API No. 15 - 20526588~00~00
Name: Quest Cherokee, LLC	County: Wilson
Address: 211 W. 14th Street	seSec. 2 Twp. 28 S. R. 16
City/State/Zip: Chanute, KS 66720	1980 feet from N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	feet from (ET) W (circle one) Line of Section
Operator Contact Person: Jennifer R. Ammann	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>620</u> ) <u>431-9500</u>	(circle one) NE SE NW SW
Contractor: Name: MOKAT	Lease Name: Olson, Ruby A. Well #: 2-2
License: 5831	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 1058 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1313 Plug Back Total Depth: 1307.16
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21'4" 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 1307.16
Operator:	feet depth to surface w/ 140 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:
	Lease Name: License No.:
5/27/06         5/30/06         6/6/06           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec. Twp. S. R. East West
Recompletion Date  Recompletion Date  Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, work 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 to TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged we	
All requirements of the statutes, rules and regulations promulgated to reg herein are complete and correct to the best of my knowledge.	gulate the oil and gas industry have been fully complied with and the statements
Signature: Sensific Y. Ammana	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 9/21/06	Letter of Confidentiality Received
Subscribed and sworn to before me this 215th	If Denied, Yes Date:
20 06	Wireline Log Received  Geologist Report Received  Geologist Report Received  Geologist Report Received  RECEIVED
Notary Public: 1000 X Courage TE	ERRAKI ALIMAN SEP 2 2 2006
Date Commission Expires: () 9 201 Notan	Y Public - State of Kansas ires & 4-2010  CONSERVATION DIVISION WIGHTRA, KS

Operator Name: Q	uest Cherokee, Ll	<u>-C</u>	Lease Nan	<sub>ne:</sub> Olson, Ruby	<u>/ A.</u>	Well #: <u>2-2</u>	
Sec. 2 Twp.	28 S. R. 16	East West	County: W	filson			
tested, time tool op temperature, fluid r	en and closed, flowir ecovery, and flow rate	and base of formations and shut-in pressures and shut-in pressures as if gas to surface test, final geological well site	s, whether shut-in along with final o	pressure reached	d static level, hyd	rostatic pressur	es, bottom hole
Drill Stem Tests Tal		Yes No	[	✓ Log Forma	ition (Top), Depth	and Datum	Sample
Samples Sent to G	eological Survey	Yes ✓ No		Name See attached		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☑ Yes ☐ No					
List All E. Logs Rur	n:						
Dual Inductio Compensated Gamma Ray	d Density/Neutr	on Log					
			RECORD [	New Used			
Purpose of String	Size Hole Drilled	Report all strings set Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	20	21' 4"	"A"	4	
Production	6-3/4	4-1/2	10.5#	1307.16	"A"	140	
, · · ·							
	-	ADDITIONA	L CEMENTING /	SQUEEZE RECOF	rD.		
Purpose:  —— Perforate	Depth Top Bottom	Type of Cement	#Sacks Used	ı	Percent Additives		
Protect Casing Plug Back TD Plug Off Zone							
Shots Per Foot		ION RECORD - Bridge Plu			acture, Shot, Ceme		
4	936-939/918-92	Footage of Each Interval Pe	enorated		Amount and Kind of N		Depth # 20/40 sand 936-939/918-920
•	000 000/010 02						300 300,010 320
4	852-856/839-84	3		400gai 15%HCLw/ 64 b	obis 2%kci water, 625bbis water	r w/ 2% KCL, Blockle, 13200	# 20/40 sand 852-856/839-843
TUBING RECORD 2	Size -3/8"	Set At 946	Packer At n/a	Liner Run	Yes N	0	
Date of First, Resume 8/31/06	erd Production, SWD or	Enhr. Producing Me		owing 📝 Pump	oing Gas L	ift Othe	er (Explain)
Estimated Production Per 24 Hours	Oil n/a	Bbls. Gas Omcf		Water 6bbls	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION	1	Production Inte	erval		- Mary regions
Vented ✓ Solo (If vented, S	Used on Lease Submit ACO-18.)	Open Hole Open Hole	Perf. [	Dually Comp.	Commingled		
•		्रास्त्रीय विश्वस्था । हेल्ल्स्स्यार विश्वस्था	305/602				

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



P.O. Box 590 Caney, KS 67333

	8		Lease		Lø¢.		18. 14	1/4	a	et. T	₽ <b>p</b> .	Rge,	
ST CHEROKEE	2-2		OLSON							2		28 16	
	County		State		Type/Well		Depth	Hou	ırs D	ate Started	Dat	e Completed	
	WILS	ON	ŀ	ks			1313'			5/29/06		5/30/06	
Casing Used	Casing Used		Bit Record								0.00,00		
21'4"	8 5/8"	Bit No.	Туре	size	From	To	Bit No.	type	Size	From	To	% Rec.	
Cement Used		İ				_							
	4	1		6 3/4"	l			l					
Rig No.				-				<del> </del>			1	<del></del>	
	2							l					
Hammer No.					1 1			<del> </del>	<del></del>		<del>                                     </del>	<del></del>	
		1									1 '		
	Casing Used 21' 4" Cement Used Rig No.	County WILSO Casing Used 21' 4" 8 5/8" Cement Used 4 Rig No.	County WILSON  Casing Used 21' 4" 8 5/8" Bit No.  Cement Used 4  Rig No. 2	County   State   WILSON   Bit No.   Type   Cement Used   4   Rig No.   2	County   State   WILSON   KS	County   State   Type/Well   WILSON   KS	County   State   Type/Well   WILSON   KS	County   State   Type/Well   Depth   1313'	County   State   Type/Well   Depth   Hou   WILSON   KS   1313'	County   State   Type/Well   Depth   Hours   Depth   State   Type/Well   Depth   State   Depth   State   Depth   State   Sta	County   State   Type/Well   Depth   Hours   Date Started	County   State   Type/Well   Depth   Hours   Date Started   Date	

Format	ion F	<b>leco</b>	ırd

E	rom	To	Formation	From	To	Formation	From	То	Formation	From	То	Formation
0			OVERBURDEN	704	706	COAL (STRAY)		999	COAL	1	- 10	TOTTIANOT
7			SANDSTONE	706		SANDY SHALE	999	1028	SHALE			
9			LIME	710		SAND	1028		COAL (TEBO)	1		
21	<u> </u>		SHALE	738	760	SANDY SHALE	1030	1052	SAND/SHALE	1		
12			LIME	760	762	COAL (MULBERRY)	1052	1053	COAL (WEIR)			
15			<u>Shale</u>	762		SAND	1053	1064	SAND / SHALE			
23			LIME	766	788	LIME		1120	SAND (BARTLESVILLE)			
25			SAND (WET)	787	1	GAS TEST (NO GAS)	1120	1122	COAL		··	
30			SHALE	788	789	COAL (LEXINGTON)		1178	SAND (LOTS OF WATER)			
31			LIME	789		SHALE		1228	SAND			
32		362	SHALE	801	805	SANDY SHALE		1233	SHALE	1 1		
36			LIME	805	834	LIME (OSWEGO)	1233	1234	COAL (RIVERTON)			
37			SAND	834	836	COAL (SUMMIT)	1234	1313	LIME (MISSISSIPPI)			l l
			LIME	836		LIME		L				,
		445	SHALE	851	853	COAL (MULKEY)			T.D. 1313'			
44			LIME	853		SHALE						
45			SHALE	861		SAND (WATER)						RECEIVED
46		469			902	SAND / SHALE (WATER)						KANSAS CORPORATION COMMISSI
46	9		LIME	902	922	SHALE						
47				922	923	COAL (BEVIER)						SEP 2 2 2006
47						SANDY SHALE						
49					934	LIME (VERDIGRIS)					į.	CONSERVATION DIVISION
49			LIME		935	COAL (CROWBERG)						WICHITA, KS
54		588				SHALE						The second of the second of the second
58					956	SAND						
60		647				SHALE						No. 1 Acres 1980
64	7				969	COAL (FLEMING)						
64	8 (	662			982	SHALE						A STATE OF THE STA
66						LIME						
66	<del>/  </del>		SAND (WATER)			COAL (MINERAL)						A CALL STATE OF THE COLUMN
67	<u>0                                     </u>	704	SANDY SHALE	986	998	SHALE / SAND						

01

2006

3:25AM



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

TICKET NUMBER	1541	
CICLO TICKET DE	E#	

TOWNSHIP

SECTION

FIELD TICKET REF #	#
FOREMAN 304	

RANGE

COUNTY

## TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

6.6.06	Olson	Rub	4 2-2		2	28	16	UL
FOREMAN /	TIME	TIME			TRAILER	1	RUCK DURS	EMPLOYEE SIGNATURE
OPERATOR	IN	OUT	LUNCH	#	#			
Joe . B	11:00	2:45		903388		3.75		Joe Ble VI
Tim. A				903255				of all
Russell. A				903206				IND.
DAVID. C				903135	932452			Dough Dack
LAVY. M				931420				Man
Rubert . W				extra_				ROBULANO
OB TYPE LUNGSTV	ina HOLE	SIZE 63	14	HOLE DEPTH 13	13 CAS	ING SIZE	& WEIGHT	41/2 10.5
ASING DEPTH 13	07.16DRILL	PIPE		TUBING	OTH	ER		
SLURRY WEIGHT 14	-5SLURF	RY VOL		WATER gal/sk	CEM	ENT LEF	T in CASING	3
DISPLACEMENT 20.	84 DISPLA	ACEMENT P	PSI	MIX PSI	RAT	E <u> </u>	bpm_	
REMARKS								
P. 324 3	remad s	west to	surface.	Installed C	ement hea	d RA	N 2 SK	s gel of
12 bbl due	4 140	ŠKS	of come	NT To got du	re to Surface	e. Fic	sh pun	p. Pump wif
Plug to bot	المال	S. t. Floo	at Shoe.					
	1111/	<u> </u>						
	-							
	· · · · · · · · · · · · · · · · · · ·							
		7 1/	C1 41/-	Cacina				
	/30	6	_	Casing				
		1	•	2005				24.14
931310	<u> </u>	5 hr		King Clamp		,		
	2.	5 hr		tractor				
930804	<u> </u>	7 70	C031100	troiler				TOTAL
ACCOUNT CODE	QUANTITY or	UNITS		DESCRIPTION OF S	ERVICES OR PROD	UCT		AMOUNT
903388	٦ -	15 hr	Foreman Pickup		· · · · · · · · · · · · · · · · · · ·		<u> </u>	
903255	3.7		Cement Pump Tr	ruck				
903206	3.		Bulk Truck					
1104		30 SK	Portland Cement					
1124			50/50 POZ Blend		<u>31/2"</u>			
1126		1	-OWC - Blend Ca	ement 1/2 wipe	er plue			
1110		14 SK	Gilsonite		· / ·			
1107		1.5 SK	Flo-Seal				<del>_</del>	
1118	· · · · · · · · · · · · · · · · · · ·	4 SK	Premium Gel					-
1215A	<u>laal</u>		KCL	0 1 1 1	KAN	SAS CORD	CEIVED	<u>)                                    </u>
1111B		<u>3 がく</u>	-Sodium Silicate	Calchloric	14	10 CURP	UKAHON C	OMMISSION -
1123	7000 gr		City Water			— SEP	2 2 200	6
903139		<u> </u>	Transport Trailer				ATION DIVIS	
932452		75 hr	Transport Trailer			Wic	MITA, KS	HON
931420	3.	.75 hr	<u> </u>				- A - * F4	
Ravin 4513		1	1.4/2 F	loatshoe				