CONFIDENTIAL

20 08

Date Commission Expires:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL 1/22/10

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIE	PTION OF WELL & LEASE
Operator: License # 33344	API No. 15 - 133-27172-0000
	County: Neosho
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	665 feet from S /N circle one) Line of Section
City/State/Zip: Chanute, KS 66720 Purchaser: Bluestem Pipeline, LLC	720 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: TXD	Lease Name: Larue, John W. Well #: 5-1
License: 33837	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	multiple
Designate Type of Completion:	Producing Formation:
✓ New Well Re-Entry Workover	Total Depth: 964 Plug Back Total Depth: 944
OilSWDTemp. Abd.	Amount of Surface Pipe Set and Cemented at 22 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 944
Operator:	feet depth to surface w/ 129 sx cmt.
Well Name:	MATIN INCOME
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHTIVI 10-4-09 (Data must be collected from the Reserve Pil)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite: Operator Name:
Other (SWD or Enhr.?) Docket No	
9/25/07 9/29/07 10/1/07	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 t Kansas 67202, within 120 days of the spud date, recompletion, workover 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 a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- nd geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
· · · · · · · · · · · · · · · · · · ·	
Signature: Gennege K. demmann	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 1/22/08	Letter of Confidentiality Received
Subscribed and sworn to before me this and day of xanuary	If Denied, Yes Date:

TERRA KLAUMAN
Notary Public - State of Kansas
My Appt. Expires

8-4-2010

CONSERVATION DIVISION WICHITA, KS

RECEIVED

KANSAS CORPORATION COMMISSION

JAN 23 2008

Wireline Log Received

UIC Distribution

Geologist Report Received

Operator Name: Quest Cherokee, LLC Larue, John W. Lease Name: INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report. Formation (Top), Depth and Datum ☐ Sample No **Drill Stem Tests Taken** Yes (Attach Additional Sheets) Datum Samples Sent to Geological Survey See attached Yes No Cores Taken Yes Electric Log Run (Submit Copy) List All E. Logs Run: Compensated Density Neutron Log **Dual Induction Log** CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. # Sacks Type and Percent Size Hole Size Casing Weight Setting Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Cement Used Additives Surface 22 22 "A" 40 12-1/4 8-5/8" Production - 3.3 "A" 129 6-3/4 - (10.5 944 4-1/2 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: #Sacks Used Type and Percent Additives Type of Cement Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 857-859/805-807/800-802 500gal 15%HCLw/ 56 bbls 2%kcl water, 545bbls water w/ 2% KCL, Biocide, 5100# 20/40 s 857-859/805-807 4 800-802 708-710/597-599/563-566/540-542 708-710/597-599 400gal 15%HCLw/ 41 bbls 2%kcl water, 546bbls water w/ 2% KCL, Blocide, 5600# 20/40 sand 563-566/540-542 455-459/445-449 300gal 15%HCLw/ 52 bbts 2%kcl water, 646bbts water w/ 2% KCL, Blocide, 6700# 20/40 sand 455-459/445-449 **TUBING RECORD** Set At Packer At Liner Run 2-3/8 925 n/a **Producing Method** Date of First, Resumerd Production, SWD or Enhr. Flowing ✓ Pumping ' Gas Lift Other (Explain) 12/26/07 Gas-Oil Ratio Gravity **Estimated Production** Oil **Rhis** Gas Mcf Water Bbls Per 24 Hours 0bbls 0mcf n/a Disposition of Gas METHOD OF COMPLETION Production Interval Vented ✓ Sold Used on Lease Open Hole ✓ Perf. Dually Comp. Commingled (If vented, Submit ACO-18.) Other (Specify) TO STATE OF WARRING K P GREY Published & Section 1



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

CONFIDENTIAL JAN 2 2 2008 KCC

TICKET NUMBER 2492

FIELD TICKET REF.#

FOREMAN SOC

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		WELL NAME & NUMBER				TOWNSHIP	HANG		NIY
9-25.07	Larry	<u>e</u> 5	-1 50	NAC	5	28	19	NO	
FOREMAN / OPERATOR	TIME IN	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS		EMPLOYEE SIGNATURE	
Jae	3:30	5.36	2	5903427		3	2	ne Ble	2m -1.
Tim	1	5:15	5	extra		1,79	ŝ	and	7
Tyler		5:30		903600	į,	3		The	
Déniel		5:30		93/4/20		2	7	F 25	
}		-							
		L		<u> </u>				۸ نځ ۱	
JOB TYPE <u>Surfa</u>	المدور HOLES	SIZE //	H	IOLE DEPTH	CASI	NG SIZE & WI	EIGHT_	8718	
				UBING					
				VATER gal/sk					
DISPLACEMENT	DISPLA	CEMENT P	SI M	/IIX PSI	RATE	Appu	`		
REMARKS:		,				(~			_
Pump 2	opp1 mat	er to .	ucsh Sur	face Casin	g in grous	ud. Pu	mp	to sks c	<u> </u>
C.Werst	to get ce	thon	to Surface	. rump 15	bl water	to disp	lace:	COMPLI	+.
			eserge Sign		· · · · · · · · · · · · · · · · · · ·				
<u></u>									
	. Nome not								
				·					
ACCOUNT CODE	QUANTITY or U	JNITS	DESCRIPTION OF SERVICES OR PRODUCT					TOTAL AMOUN	
903427	2	by !	Foreman Pickup						
			Cement Pump Truck						
903600	1.75	hr	Bulk Truck						
1104	r1	o sk !	Portland Cement						
1124			50/50 POZ Blend Ce						
1126			OWC - Blend Ceme	nt					
1110			Gilsonite						
1107			Flo-Seal				R	ECEIVED-	
1118			Premium Gel KCL		·	KAN	SAS COR	PORATION CON	<u>MISSIO</u>
1215A			Sodium Silicate				JΔN	2 3 2008	2
1,111B 1123	2		City Water				J/NI	- 9 /ZUUC	<u>'</u>
1123	2500	- 300 	Transport Truck	·				RVATION DIVIS	ION
_			Transport Trailer	· · · · · · · · · · · · · · · · · · ·			V	/ICHITA, KS	
931420			80 Vac						——
1 フラノフベン コ		K 17/							



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

CONFIDENTIAL RCC

TICKET NUMBER 2508

FIELD TICKET REF # _____

FOREMAN Jul

624040

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		WELL NAME & NUMBER					TOWNSHIP	RAN	GE COUNTY
10 - 1 - 07	Larue	Larue Juhn 5-1				5	a <u>8</u>	19	No
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #		TRAILER #	TRUC HOUR		EMPLOYEE SIGNATURE
Jæ	6:45	16:30	i	903427			3. 7	75	Jac Blancha
MAVerick	7:00			903197			3.	5	120
Tyler	7:00			903600			3.5	- >	02
Tim	6:45			903140	9	32452	3.7	5	L- agen
DAMIEL	6:45	V		931420			3.7	5	Doni (J
JOB TYPE LONGS CASING DEPTH 9 SLURRY WEIGHT 1/2	44.87 DRILL	PIPE Y VOL	T	TUBING		OTHE	ENT LEFT in	CASING	_0
							1		
INSTAlled	compat he	ed RAN	1 15K sld	9661 dyea	<u> </u>	29 5KS	of Central	7 To	cot due to surfa
Flush pump. 1	unplum p	lug to	botton 4	Sot Hat	shor	2			
	·								
					;	4			
		, <u>, , , , , , , , , , , , , , , , , , </u>	·		<u>.</u>				
	944.	Q-7	F+41/2 (1		·			
	199.	5	Contral						
		1	Hiz Floot						
ACCOUNT CODE	QUANTITY or U	JNITS	DESCRIPTION OF SERVICES OR PRODUCT					TOTAL AMOUNT	
903427	3.75	b -	Foreman Pickup			· · · · · · · · · · · · · · · · · · ·			
903107	3.7 <i>5</i> 3.5	hr	Cement Pump Truck	k					
903600	3 . 5	hr	Bulk Truck						
1104	18	O SK	Portland Cement						
1124		2	59/50 POZ Blend C			31/2 4	3		
1126		1	OWC Blend Ceme	ent 41/2 wi	رم	· plua			
1110		3 SK	Gilsonite		١				
1107	/	SK	Flo-Seal	and the second s		<u> </u>			
1118		/ SK	Premium Gel				······································	NSAC M	RECEIVED
1215A	190	٥	KCL	<u> </u>	I				RPORATION COMMISSION
1111B	·	2 SK	Sodium Silicate	Colchlor	2/01				N 2 3 2008
1123	7000		City Water						
902140	3.75	hr	Transport Truck					CONS	RVATION DIVISION
932452		hr	Transport Trailer						WICHITA, KS
931420	*	hr	80 Vac						