KANSAS CORPORATION COMMISSION ORIGINAL
OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344	API No. 15 - 133-26594 -00-00				
Name: Quest Cherokee, LLC	County: Neosho				
Address: 211 W. 14th Street	<u>ne</u> - se Sec. 31 Twp. 28 S. R. 18				
City/State/Zip: Chanute, KS 66720	1980 feet from (S) / N (circle one) Line of Section				
Purchaser: Bluestem Pipeline, LLC	630 feet from (E) W (circle one) Line of Section				
Operator Contact Person: Gary Laswell	Footages Calculated from Nearest Outside Section Corner:				
Phone: (<u>620</u>) <u>431-9500</u>	(circle one) NE (SE) NW SW				
Contractor: Name: L S Well Service, LLC	Lease Name: Powers, Steven E. Well #: 31-1A				
License: 33374	Field Name: Cherokee Basin CBM				
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple				
Designate Type of Completion:	Elevation: Ground: 968 Kelly Bushing: n/a				
✓ New Well Re-Entry Workover	Total Depth: 1127 Plug Back Total Depth: 1123.41				
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21.5				
✓ 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 1123.41				
Operator:	feet depth to surface w/ 130 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					
Commingled Docket No	Location of fluid disposal if hauled offsite:				
Dual Completion Docket No	Location of fluid disposal if hauled offsite.				
Other (SWD or Enhr.?) Docket No	Operator Name:				
4/6/06 4/10/06 4/13/06	Lease Name: CONSERNATION DIVISION				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R. R. East West				
Recompletion Date Recompletion Date	County: Docket No.:				
· .					
Kansas 67202, within 120 days of the spud date, recompletion, workown 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 log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.				
	KCC Office Use ONLY				
Signature: / / / / / / / / / / / / / / / / / / /					
4.4	Letter of Confidentiality Received				
Subscribed and sworn to before me this <u>Allors</u> day of	, Wireline Log Received				
20 04.	Geologist Report Received				
Notary Public: Gennifer 17. Ammann	UIC Distribution				
Date Commission Expires: Quly 30, 2009	JENNIFERR AMMANN				
	Notary Public - State of Kansas				

My Appt. Expires 7-30-09

Side Two

Operator Name: Quest Cherokee, LLC			Leas	Lease Name: Powers, Steven E.			Well #: 31-1A			
Sec. 31 Twp. 28 S. R. 18				Count	unty: Neosho					
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	n and closed, flowin covery, and flow rate	g and shut-i es if gas to s	n pressures, urface test, a	whether salong with	shut-in pre	ssure reached	static level, hydr	ostatic pressure	es, bottom ho	le
Drill Stem Tests Take	**	Yes	s 📝 No		V L	og Format	tion (Top), Depth	and Datum	Samp	ole
Samples Sent to Ge	ological Survey	Yes	s ✓ No		Nam See	e attached		Тор	Datu	n
Cores Taken Electric Log Run (Submit Copy)	•	√ Yes	_							
List All E. Logs Run:									•	
Comp. Density Gamma Ray N Dual Induction	Neutron Log									
		Donort		RECORD			otion ata			
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and P	
Surface	11"	8-5/8"				21.5	"A"	6		
Production	6-3/4"	4-1/2		10.5#		1123.41	"A"	130		
* •			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECOR	D			
Purpose: Perforate	Depth Top Bottom	Туре с	#Sack	#Sacks Used Type and P			Percent Additives	· · · · · · · · · · · · · · · · · · ·		
Protect Casing Plug Back TD Plug Off Zone	1 2							, , , , , , , , , , , , , , , , , , , 	· 	
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
4	1046-1048/906-	908				200gat 15%HCLw/ 25 bbts 2%kcl water, 415bbts water w/ 2% KCL, Blockle, 5400# 30/70 sand 1046-1048/906-908				
4 815-817/785-787/745-748/721-723						400gal 15%HCLwf 31 bbts 2%kcl water, 681bbts water wf 2% KCL, Blockle, 14500# 30/70 send 815-817/785-787				
									745-7	48/721-723
4 649-653/636-640					, , .	300gal 15%HCLw/ 36 b	bis 2%kd water, 600bbis water	w/ 2% KCL, Blockle, 10000	# 30/70 sand 649-6	53/636-640
TUBING RECORD 2-	Size -3/8"	Set At 1055	!	Packer n/a	At	Liner Run	Yes N	ò	:	
Date of First, Resume 5/22/06	rd Production, SWD or	Enhr.	Producing Met	thod	Flowin	g 🕢 Pump	oing Gas L	ift Othe	er (Explain)	
Estimated Production Per 24 Hours	oil n/a	Bbls.	Gas 29.5mcf	Mcf	Wate 43.21		Bbls.	Gas-Oil Ratio	G	ravity
Disposition of Gas	METHOD OF					Production Inte	erval			
Vented ✓ Sold	Used on Lease	. [Open Hole	✓ Pe	rf. 🔲 l	Dually Comp.	Commingled	· .	, , , , , , , , , , , , , , , , , , ,	
		<u>ا ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔</u>	Other (Spec					,,		

L S Well Service, LLC #33374 543A 22000 Road Cherryvale, Kansas 67335 620-328-4433

1020-1037 LAMINATED SAND 1037-1038 BLACK SHALE

Drill Log Quest Cherokee, LLC Steven Power #31-1A S31, T28,R18 Neosho Co, KS API#133-26594-0000

			·
0-5	DIRT		4-6-06 Drilled 11" hole and set
5-110'	SHALE		21.5' of 8 5/8" surface casing
110-190	LIME	, '	Set with 6 sacks Portland cement
190-240	SHALE		oot was o daylo i ordana oomon
240-260	LIME		4-7-06 Started drilling 6 3/4" hole
260-286	SHALE		
	LIME		4-10-06 Finished drilling to
	BLACK SHALE		T.D. 1127'
	SHALE		1.0. 1127
400-405			485' 0"
405-474			536' 0"
474-475	•		636' SLIGHT BLOW
475-513			661' 1" ON 1/2" ORIFICE
513-517			836' 1" ON 1/2" ORIFICE
	COAL		887' 1" ON 1/2" ORIFICE
	LIME PINK		912' 1" ON 1/2" ORIFICE
565-608	SHALE		987' 1" ON 1/2" ORIFICE
	LIME OSWEGO		1012' 1" ON 1/2" ORIFICE
630-636	BLACK SHALE		1037' 1" ON 1/2" ORIFICE
636-646	LIME		1062' 1" ON 1/2" ORIFICE
646-649	BLACK SHALE		1087' 1" ON 1/2" ORIFICE
649-650	COAL		1127' 4" ON 1/2" ORIFICE
650-653	LIME		1127 1 011 1/2 0111 102
653-660	SHALE		
660-678	SANDY SHALE		
678-700			
700-704			
704-717			
717-718			
718-750			
	SANDY SHALE		
772-776	BLACK SHALE		
776-810	SHALE		
810-824	SANDY SHALE		
824-871	SHALE		
871-872	COAL		
872-891	SANDY SHALE		RECEIVED
891-900	SHALE		KANSAS CORPORATION COMMISSION
900-901	COAL '		JUL 2 7 2006
901-912	SHALE	•	JUL 2 1: 2000
912-968	SANDY SHALE		CONSERVATION DIVISION
968-969	COAL		WICHITA, KS
969-1005	SHALE		
1005-1010	BLACK SHALE	•	
1010-1020	SHALE		

BLOW 2" ORIFICE 2" ORIFICE 2" ORIFICE 2" ORIFICE 2" ORIFICE 1/2" ORIFICE I/2" ORIFICE I/2" ORIFICE 1/2" ORIFICE /2" ORIFICE RECEIVED ORPORATION COMMISSION JUL 27. 2006 **NSERVATION DIVISION** WICHITA, KS

Es Well Service, LLC #33374 543A 22000 Road Cherryvale, Kansas 67335 620-328-4433

Drill Log

Quest Cherokee, LLC

Steven Power #31-1A S31, T28,R18 Neosho Co, KS API#133-26594-0000

1038-1047 SHALE 1047-1050 COAL 1050-1060 SHALE 1060-1127 LIME MISSISSIPP!

T.D. 1127'

RECEIVED KANSAS CORPORATION COMMISSION

11

CONSERVATION DIVISION WICHITA, KS



Ravin 4513

211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500 TICKET NUMBER 1365

FIELD TICKET REF # ____

FOREMAN Dwa yne

TREATMENT REPORT & FIELD TICKET CEMENT

. •				TICKET CEMEN	SECTION	TOWNSHIP RAN	NGE COUNTY
DATE			AME & NUMBER		3/		ENO
4-13-06	Power:	S 5+ru		31-1A		TRUCK	EMPLOYEE
FOREMAN / OPERATOR	TIME IN	TIME OUT	LUNCH LESS '	TRUCK #	TRAILER #	HOURS	SIGNATURE
Dwayne	1:45	6,60	No	901640		4. 25	Eranga Ville Toll
Wes	1:45	5:30	No	903 197		3 3/4	Wes (Navo
Russell	1:45	5:30	No	903206		3 34	1
David	1:45	5:45	No	903/39	932452	1 9	Was See
4000			NO	0.71.711	T53	4	11/10/20
	11:45	5:45	NO	1931300	7 53		T 7 = 10,5
IOD TYPE / DA A	5+1:110HOLE S	SIZE <u>- 🐍 :</u>	<u>3/1 </u>	HOLE DEPTH//	27 CAS	ING SIZE & WEIGH	1
CASING DEPTH 1/	23.47 DRILL	PIPE	1	TUBING	OIH	ER	
SLUBBY WEIGHT	1.5 SLURF	RY VOL	V	NATER gal/sk	CEN	IENT LEFT in CASIN E	3,2M
DISPLACEMENT	8.2 DISPLA	ACEMENT PS	۱	MIX PSI	RATI	E	
REMARKS:		,	76 1	- F	+/0.3	Qu ra 2 2	SK Prem ge
Wash	DOWN_	Last	30 .	Or Casir	19 Then	1-0M/2 F	SK Prem ge collowed By ement to
and Sweep	2 +0 Su	rface,	1 hen	Pump	7 140	Salls C	ement to
12 BB1	Dye Th	en 52	Lort Co	Ment. Pu	My 170	and them	Punil
get W	e Boc		~ *N/) UV	1/1 $UU43M$	0//		
Wisher 9	lug to	BHO	n and	Set F	1007 54	٠	
/			UV	Calling			
	1123	-7/	4/2	Cosing Central	1.7015		
			4/2		540e		
92,200	<i></i>	4-	Casi				
931300	41	22	Casi	4			
T53				1		NOT.	TOTAL
ACCOUNT CODE	QUANTITY or			DESCRIPTION OF S	SERVICES OR PROD		AMOUNT
901640	4. 2	15 hr	Foreman Pickup				
903/97	3 · 3,	4 60	Cement Pump Tru	uck			
903230	3 3/	7 . 20	Bulk Truck				
1104	130		Portland Cement	FR	Buffles	3"-37	
1124	2			4	w. Der Pl	3"-37	
1126	14	SK	Gilsonite		7	0	
1110	1.5	SK.	Flo-Seal				
1107	, , , , , , , , , , , , , , , , , , ,	SX	Premium Gel				
1215A	1	Gal	KCL			REC	EIVED
1111B	2	5K	SECTION SHOP	Cal Cl	oride	KANSAS CORPOR	RATION COMMISSION
1123	7000	Gal	City Water			JUL	2 7 2006
903139	4,	7.\	Transport Truck			CAISEDV	ATION DIVISION
932452	4	1,00	Transport Trailer			пуддич	'S
	.1	- 1,2	80 Vac				