KANSAS CORPORATION COMMISSION RIGINAL Form ACO-1 OIL & GAS CONSERVATION DIVISION RIGINAL Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #_33344	API No. 15 - 205-26742 - nn - 00
Name: Quest Cherokee, LLC	County: Wilson
Address: 211 W. 14th Street	<u>s/2</u> - <u>se</u> - <u>ne</u> Sec. <u>29</u> Twp. <u>27</u> S. R. <u>16</u>
City/State/Zip: Chanute, KS 66720	2310 feet from S (N)(circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	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: L S Well Service, LLC	Lease Name: Varner, Roy E. Well #: 29-2
License: 33374	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 970 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1313 Plug Back Total Depth: 1304.47
Oil SWD SIOWTemp. 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 1304.47
Operator:	feet depth to_surface w/ 152
Well Name:	A142. Dlg. (214108)
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 contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	
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.:
6/14/06 6/15/06 6/20/06 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the 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 therein are complete and correct to the best of my knowledge.	· · ·
Signature: Stennify H. Smman	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 10/11/06	Letter of Confidentiality Received
Subscribed and sworn to before me this 11th day of 00-10ber	If Denied, Yes Date:
20 06.	Wireline Log ReceiverNSAS CORPORATION COMMISSION
Notary Public: Dervia Klauman	Geologist Report Received UIC Distribution Geologist Report Received OCT 1 2 2006
Date Commission Expires: 8-4-2010	KLAUMAN CONSERVATION DIVISION
Notary Public My Appt. Expires:	- State of Kansas WICHITA, KS

Operator Name: Quest Cherokee, LLC				Lease Name: Varner, Roy E.			Well #: 29-2 *		
Sec. 29 Twp. 2	County: W			·					
tested, time tool ope temperature, fluid re-	n and closed, flowing covery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, a final geological well site	whether shut-in dong with final o	pressure reached	static level, hyd	Irostatic pressure	s, bottom hole		
Drill Stem Tests Take		☐ Yes 🕡 No	[✓ Log Forma	ion (Top), Depth	and Datum	Sample		
Samples Sent to Geological Survey			s ✓No Na			Тор	Datum		
Cores Taken Yes V No Electric Log Run (Submit Copy)			<u> </u>						
List All E. Logs Run:									
Gamma Ray N Dual Induction Compensated		on Log							
		CASING Report all strings set-	RECORD	New Used	ction etc				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement				
Surface	11	8-5/8"	20	22	"A"	5			
Production	6-3/4	4-1/2	10.5#	1304.42 "A" 160		160	160		
		ADDITIONAL	CEMENTING /	SQUEEZE RECOR	D				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used			d Percent Additives			
Shots Per Foot	Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
<u> </u>		Footage of Each Interval Pe 967/929-932/913-91			(Amount and Kind of Material Used) 400qal 15%HCLw/43 bbls 2%kd water, 850bbls water w/ 2% KCL, Bloade, 16000# 20/40 sund 1074-1077/965-96				
	1074-10777000-	3077323-3327310-31			· · · · · · · · · · · · · · · · · · ·		929-932/913-915		
4	833-837/824-82	8		400gal 15%HCLw/ 59 t	bis 2%kci water, 600bbis wat	er w/ 2% KCL, Blockle, 13800			
			· · · · · · · · · · · · · · · · · · ·			<u> </u>			
TUBING RECORD 2-	Size -3/8"	Set At 1082.62	Packer At n/a	Liner Run	Yes 7	No			
Date of First, Resume 9/12/06	rd Production, SWD or I	Enhr. Producing Me		owing 🕢 Pum	oing Gas	Lift Othe	or (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	1	Water 1.1bbls	Bbls.	Gas-Oil Ratio	Gravity		
Disposition of Gas							A A THE STATE OF T		
Vented Sold	Used on Lease	Open Hole Other (Spec	✓ Perf.	Dually Comp.	Commingled				

Drill Log

Quest Cherokee, LLC

Roy Varner #29-2 S29, T27,R16 Wilson Co, KS API#205-26742-0000

0-3	DIRT	RECEIVED
3-45'	LIME	KANSAS CORPORATION COMMISSION
45-165	SHALE	
165-185	LIME	OCT 1 2 2006
185-228	SHALE	CONSERVATION DIVISION
228-270	LIME	WICHITA, KS
270-283	SHALE	4.00
283-305	SAND	
305-306	COAL	
306-320		
320-333	SANDY S	HALE
333-338	LIME	
338-360	SANDY S	HALE
360-440	LIME	
440-444	BLACK S	HALE
444-453		
	SANDY S	HALE
459-480		
480-495		
495-526	LIME	
526-616	SANDY S	HALE
616-626	LIME	
626-646	SANDY S	HALE
646-661 661-686	LIME	
686-696		HALE
696-697		
697-743		HALE
743-745	LIME	HALL
745-746	COAL	
746-750	SHALE	
750-776	LIME PAV	VNFF
776-779	BLACK SI	
779-794	SANDY S	•
794-819	LIME OSV	
819-824	SHALE	
824-830	LILME	
830-832	SHALE	
832-833	COAL	
833-836	SANDY S	HALE
836-851	SAND	
851-857	SANDY S	
857-862	SAND OD	OR OIL
862-909	SAND	
909-910	COAL	
910-923	SANDY S	HALE
923-926	LIME	

6-14-06 Drilled 11" hole and set 22' of 8 5/8" surface casing Set with 5 sacks Portland cement

6-15-06 Started drilling 6 3/4" hole

6-15-06 Finished drilling to T.D. 1313'

WATER @ 511'

511' SLIGHT BLOW
711' 3" ON 1/2" ORIFICE
761' 7" ON 1/2" ORIFICE
786 24" ON 1/2" ORIFICE
825' 80" ON 1/2" ORIFICE
836' 26" ON 1" ORIFICE
912' 26" ON 1" ORIFICE
937' 26" ON 1" ORIFICE
937' 33" ON 1" ORIFICE
1037' 33" ON 1" ORIFICE
1062' 27" ON 1" ORIFICE
1087' 15" ON 1" ORIFICE
1212' 15" ON 1" ORIFICE
1313' 17" ON 1" ORIFICE

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

Drill Log

Quest Cherokee, LLC

Roy Varner #29-2 S29, T27,R16 Wilson Co, KS API#205-26742-0000

926-927	COAL
927-960	SANDY SHALE
960-961	COAL
961-1017	SANDY SHALE
1017-1027	SAND
1027-1034	SANDY SHALE
1034-1035	COAL
1035-1042	SANDY SHALE
1042-1043	COAL
1043-1050	SANDY SHALE
1050-1066	SAND
1066-1070	SHALE
1070-1072	COAL
1072-1187	SAND
1187-1201	SANDY SHALE
1201-1203	COAL
1203-1313	LIME MISSISSIPPI

T.D. 1313'



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

TICKET NUMBER 1477

FIELD TICKET REF #

FOREMAN Crais Coode

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER				SECTION	TOWNSHIP	RANGE	COUNTY	
June 20 2006	Varner, Roy F 29.2				29	27	16	wilson	
FOREMAN / OPERATOR	TIME IN	TIME			TRUCK #	TRAILER #	TRUCK HOURS		EMPLOYEE SIGNATURE
Cro'a C	1:15	5115	No		9031187		4		
Tiri V		4:30	,		903197		5.25		Tolya.
Russel M		41:15		1	903206		3		12/
Toe R		6:30	2	ļ	902139	985755	5.2	5	1 se Blanc
Leon II.		6.00			931415	1	4.75	5	e-e-
JOB TYPE /ougkland HOLE SIZE 103/11 HOLE DEPTH 13/3 CASING SIZE & WEIGHT							FIGHT	4//2/10 5	
CASING DEPTH 130	J.							EIGHT	
SLURRY WEIGHT 19								CASING	0
DISPLACEMENT 20									_
REMARKS:	<u> </u>		<u> </u>	······································					
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92,310	*	h-	CREIN	co trac	tor				:
931700		h-	Casiv	ns deci	lor				<u>-</u>
ACCOUNT CODE	QUANTITY or U	INITS	DESCRIPTION OF SERVICES OR PE			ERVICES OR PRODUC	Т		TOTAL AMOUNT
303427	4	he l	Foreman	Pickup					
703255	325	h-	Cement Pump Truck						
903204	<u> </u>	V.	Bulk Truck						
1104	152	5 ٤	Portland		<u> </u>				
1124			-OWC-Blend-Gement On people 11/2						
1126		1	1 60 0						
11,10	<u> </u>	5.0	The state of the s						
1107	/ 	516							
1215A	1001	516	Premium Gel KCL						
1111B									
1123	<u> </u>		City Wate		8 16 10 10 7 · (1.1				
302727	5 2		Transport						
1	5.2	5 1/2	Transport						
982152 321715	l i		80 Vac						
Ravin 4513				106 00					-