WICHITA, K8

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344	API No. 15 - 099-23990 - 00 - 00
Name: Quest Cherokee, LLC	County: Labette
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	660 feet from S N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	1980 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	Lease Name: Lubbers, Robert L. Well #: 31-1
License: 33374	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 922 Kelly Bushing: n/a
	Total Depth: 974 Plug Back Total Depth: 968.45
New Well Re-Entry Workover	,
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22' 6" 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 968.45
Operator:	feet depth to surface w/ 100 sx cmt.
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(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:
	Lease Name: License No.:
7/12/06 7/13/06 7/24/06 Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver 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.
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: Springer R. Smmann	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 11/10/06	N
in the second second	Letter of Confidentiality Received
Subscribed and sworn to before me this 10th day of 100cmb	· · · · · · · · · · · · · · · · · · ·
o Cle.	Wireline Log Received
Notary Public: Devra Klauman	Geologist Report Received RECEIVED UIC Distribution KANSAS CORPORATION COMMIS
Date Commission Expires: 8-4-2010	
A.	TERRA KLAUMAN NOV 1 3 2006
My Appt. E	tary Public - State of Kansas Expires 8-4-2010 WICHITA PR

Operator Name: Qu	est Cherokee, LL	.C	Lease Name:	Lubbers, Ro	bert L.	Well #: 31-1		
	S. R. 19	 ☑ East ☐ West	County: Lab	ette				
tested, time tool ope temperature, fluid re	n and closed, flowin covery, and flow rate	and base of formations p g and shut-in pressures, es if gas to surface test, final geological well site	, whether shut-in p along with final cha	ressure reached	l static level, hydi	rostatic pressure	es, bottom hole	
Drill Stem Tests Take		☐ Yes ✓ No	Z	Log Forma	tion (Top), Depth		Sample	
Samples Sent to Ge	ological Survey	☐ Yes 🗹 No	Na See	me e attached		Тор	Datum	
Cores Taken Yes No Electric Log Run (Submit Copy)			See allacried					
List All E. Logs Run:								
Compensated Dual Induction Gamma Ray N	_	on Log						
: }		CASING Report all strings set-	RECORD [] I		ction etc.			
Purpose of String	Size Hole	Size Casing	Weight Lbs. / Ft.	Setting	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	Drilled 11	Set (In O.D.) 8-5/8"	20	22' 6"	"A"	6	Additives	
Production	6-3/4	4-1/2	10.5#	974	"A"	100		
		ADDITIONA	L CEMENTING / SO	QUEEZE RECOF	RD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used		Type and	Percent Additives		
Shots Per Foot		TION RECORD - Bridge Plu Footage of Each Interval Po			racture, Shot, Ceme Amount and Kind of I		rd Depth	
4	857-859/799-80)1/793-794		300gal 15%HCLw/ 21	obis 2%kol water, 590bbis wate	er w/ 2% KCL, Blockde, 7500	# 20/40 sand 857-859/799-801	
							793-794	
4	636-638/561-56	63/578-580/530-533/	501-503	400gal 15%HCLw/ 40	obis 2%kol water, 740bbis wate	er w/ 2% KCL, Blocke, 1500	0# 20/40 sand 636-638/561-563	
							578-580 530-533/501-503	
4	420-424/398-402 300gal 15%HCLw/ 32bbis 2%kd wa				obis 2%kci water, 720bbis wate	er w/ 2% KCL, Blockle, 1300	0# 20/40 sand 420-424/398-402	
TUBING RECORD	NG RECORD Size Set At Pack				cker At Liner Run			
	-3/8	892	nthod		Yes V	40 		
Date of First, Resume	erd Production, SWD or	Enhr. Producing Me	Elnou Flow	ring 🔽 Pum	ping Gas	Lift Oth	er (Explain)	
Estimated Production Per 24 Hours	oil n/a	Bbls. Gas Omcf		ater 3bbls	Bbls.	Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF	COMPLETION		Production In	erval			
Vented ✓ Solo (If vented, S	Used on Lease Submit ACO-18.)	Open Hole		Dually Comp.	Commingled			

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



Drill Log

Quest Cherokee, LLC

Robert Lubbers #31-1 S31, T31,R19 Labette Co, KS API#099-23990-0000

0.0	6011
0-2	SOIL
2-10' 10-13'	CLAY
10-13	
13-28	LIME
28-150	
150-290	
290-309	
309-315	
315-317	BLACK SHALE
317-366	SHALE
	LIME
394-396	
	BLACK SHALE - COAL
398-400	
400-417	
417-419	BLACK SHALE - COAL
419-435	SANDY SHALE
435-497	SHALE
497-499	BLACK SHALE
499-528	SHALE
528-530	BLACK SHALE - COAL
530-557	SHALE
557-559	COAL
559-576	SHALE
576-577	COAL
577-635	SHALE
635-636	COAL
636-684	SHALE
684-685	COAL
685-746	SHALE
746-763	SANDY SHALE
763-788	SHALE
788-790	COAL
790-806	SAND
806-823	SHALE
823-824	COAL
824-848	SHALE
848-852	SANDY SHALE
852-853	COAL
853-874	SHALE
874-974	LIME MISSISSIPPI

7-12-06 Drilled 11" hole and set 22.5' of 8 5/8" surface casing Set with 6 sacks Portland cement

7-13-06 Started drilling 6 3/4" hole

7-13-06 Finished drilling to T.D. 974'

460' 2" ON 1/2" ORIFICE 561' 2" ON 1/2" ORIFICE 586' 5" ON 1/2" ORIFICE 636' 2" ON 1/2" ORIFICE 686' 2" ON 1/2" ORIFICE 811' 3" ON 1/2" ORIFICE 836' 3" ON 1/2" ORIFICE 861' 29" ON 1/2" ORIFICE 974' 29" ON 1/2" ORIFICE

RECEIVED KANSAS CORPORATION COMMISSION

NOV 1 3 2006

CONSERVATION DIVISION WICHITA, KS

T.D. 974'



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

FIELD	TICKET	REF	#	
	_			

TICKET NUMBER 1704

FIELD TICKET REF #

FOREMAN Conduction

TREATMENT REPORT

•				TICKET CEME	NT			
DATE		WELL N	SECTION	TOWNSHIP	RANGE	COUNTY		
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FOREMAN /	TIME	TIME	LESS	TRUCK	TRAILER	TRUC	t t	EMPLOYEE
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932 705	3	1/2 - TV	Françoit	trelev				
ACCOUNT QUANTITY or UNITS			reman Pickup	DESCRIPTION OF SE	ERVICES OR PRODU	KANSAS COR		OMMISSION
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		Bulk Truck			ļ	CONSE	RVATION DIVI	CION
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<u></u>			nsport-Truck.					
		_Tra	insport Trailer					

80 Vac-

ATED OIL WELL SERVICES, INC X 884, CHANUTE, KS 66720 431-9210 OR 800-467-8676

AUTHORIZATION

TICKE NUMBER	07288
LOCATIN Bartle	eville
FOREMAN Track	11. Williams

DATE_

TREATMENT REPORT & FIELD TICKET

	·			CEMEN	IT /			
DATE	CUSTOMER #	WELL	NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-24-Cb		Robert La	ubbers	31-1	3/	3/5	198	Labette
CUSTOMER	-				TRUCK#	DRIVER	TRUCK#	DRIVER
<u>بر).</u> MAILING ADDRE	<u>ир. 5 l</u>			-	79 Q	- DRIVER	1100K#	5
VIPALITIES	-				407	PR		
CITY		STATE Z	ZIP CODE	1	428	Pusty		
						an apart		
JOB TYPE/	ر کے	HOLE SIZE /	1.3/4	↓ _ HOLE DEPTH		CASING SIZE & W	/EIGHT_4//a_	10.5
CASING DEPTH		DRILL PIPE		_			OTHER	
SLURRY WEIGH		SLURRY VOL			sk	CEMENT LEFT in	CASING	<u> </u>
	15.45			MIX PSI	<u> </u>	RATE		
REMARKS: 4_	V 1	. ,	st 8'			in 413ks o		71. 56hl
noter	(Dace)		ioosk.	< of	Quicks	+ cement	- 137th 5	-#0/50n;
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ACCOUNT CODE	QUANTIT	Y or UNITS		DESCRIPTION o	of SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
<u> </u>			PUMP CHAR	GE Prod	action (<u>la sing</u>		800.00
5406	20		MILEAGE	···		<u> </u>		63.00
5400	969		Footo					164.75
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						CONSERVATION	IVISION	
						WICHTA, K	(S	ļ
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						6.55	11	120.02
		*5					ESTIMATED TOTAL	3212,44

TITLE____