## 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

Operator: License # _33344	API No. 15 - 205-26483 - 00-00
Name: Quest Cherokee, LLC	County: Wilson
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	1980 feet from S/ N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	660 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: Worrell, NeilWell #: 18-2
License: 33374	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Deciments Type of Completion:	Flevation: Ground: 1000 Kelly Bushing: n/a
New Well Re-Entry Workey AS CORPORATION C Oil SWD Temp. Abd AUG 2 8 200	Total Depth: 1363 Plug Back Total Depth: 1355.59
OilSWDSIOWTemp. Abd.	OMANGGURA of Surface Pipe Set and Cemented at 21.3 Feet
	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic New VATION DIVIS	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	ON Alternate II completion, cement circulated from 1355.59
Operator:	feet depth to surface w/ 150 sx cmt
Well Name:	Alt 2- Dig - 11 20 08
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 BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	•
Other (SWD or Enhr.?) Docket No	Operator Name:
4/26/06 4/27/06 5/3/06	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 Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1: 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regular herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Signature:	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 8/25/06	Letter of Confidentiality Received
Subscribed and sworn to before me this ast hay of current	If Denied, Yes Date:
_	Wireline Log Received
20 06.	ERRA KLAUMAN Seologist Report Received
Notary Public: Notary Public: Notary Public:	ary Public - State of Kansas VIC Distribution
Date Commission Expires: 8-4-2010 My Appt. E	xpires 8-4-2010

ORIGINAL ORIGINAL

Side Two

Operator Name: Que	st Unerokee, LLC	<u>,                                      </u>		Wolfell, Nell		Well'#: 410-2	*
ec. 18 Twp. 29			County: Wils	on			•
ested, time tool open emperature, fluid rec	and closed, flowing overy, and flow rates	nd base of formations p and shut-in pressures, if gas to surface test, a nal geological well site	whether shut-in p along with final ch	ressure reached	static level, hydr	ostatic pressure	s, bottom hole
Orill Stem Tests Taker		☐ Yes 🗸 No	<b>Z</b>	Log Format	ion (Top), Depth	and Datum	Sample
Samples Sent to Geo	logical Survey	∵ ☐ Yes  ☑ No	Na Se	<sub>me</sub> e attached		Тор	Datum
Cores Taken		Yes No					
Electric Log Run (Submit Copy)		✓ Yes  No	}				
List All E. Logs Run:							
Comp. Density Neu Gamma Ray Neutro Dual Induction Log					1 s.1		
	<u> </u>	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	# Sacks Used	Type and Percent Additives
Surface	11	8-5/8"	20#	21.3	"A"	7	
Production	6-3/4	4-1/2	10.5#	1355.59	"A"	150	
		ADDITIONA	L CEMENTING / S	QUEEZE RECOP	BD		
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cement	#Sacks Used	cks Used Type and Percent Additives			
Plug Back TD Plug Off Zone			<u> </u>				
Shots Per Foot	er Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record  (Amount and Kind of Material Used)  D					rd Depth	
4 1264-1266/1250-1252/1219-1221 300gal 15%HCl.w/ 28 bbts 2%kd water, 460bbts water w/ 2% KCl., Blodde, 8900# 20/40 sand							
				1219-1221 400gal 15%HCLwl/49 bbts 2%krd water, 615bbts water w/ 2% KCL, Blockle, 14850# 20/40 send 1108-1110-609-61			
4	1108-1110/609-	611/993-995/973-9	75	400gal 15%HCLW/ 49	bbis 2%kol water, 615bbis wat	er Wr 2% KCL, Blocke, 1465	0# 20/40 send 1108-1110-609-611
4	459-463/445-44	9		300gat 15%HCLw/ 50	bbls 2%kol water, 540bbls wat	ter w/ 2% KCL, Biocide, 1260	0# 20/40 sand 459-463/445-449
TUBING RECORD	Size 3/8"	Set At 1254.45	Packer At	Liner Run	Yes 🗸	No	
L	rd Production, SWD or	Enhr. Producing M		wing 🗸 Pum	ping Gas	Lift Oth	er (Explain)
Estimated Production Per 24 Hours	Oil n/a	Bbls. Gas 17.3mcf		Vater .4bbls	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas		COMPLETION		Production In	terval		v •
☐ Vented ✓ Sold (If vented, S	Used on Lease	Open Hol	ecify)	Dually Comp.	Commingled	1	· · · · · · · · · · · · · · · · · · ·
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L S Well Service, LLC #33374 543A 22000 Road Cherryvale, Kansas 67335 620-328-4433

Drill Log

Quest Cherokee, LLC

Worrell #18-2 S18, T29,R16 Wilson Co, KS API#205-26483-0000

0-2	DIRT
2-18'	LIME
18-95	SHALE
95-125	LIME
125-250	
250-253	LIME
253-345	SANDY SHALE
345-445	LIME
445-460	SHALE
460-499	SAND
499-509	SHALE
509-600	LIME
600-676	SHALE
676-690	LIME
690-730	SHALE
730-793	SAND
793-796	LIME
796-797	COAL
	~ · · · -
797-826	
	BLACK SHALE
828-840	
840-851	SAND
851-864	SHALE
864-890	LIME OSWEGO
890-895	BLACK SHALE
895-907	LIME
907-911	BLACK SHALE
911-912	COAL
912-920	LIME
920-931	SANDY SHALE
931-983	SHALE
983-985	LIME
985-986	COAL
986-1027	SHALE
1027-1029	BLACK SHALE
1029-1040	
1040-1058	SHALE
1058-1059	1
1059-1065	SHALE
1065-1077	SAND
1077-1081	SANDY SHALE
1081-1082	SHALE
1082-1085	BLACK SHALE
1085-1097	SHALE
1097-1099	
1099-1115	SHALE

1115-1140 SAND

4-26-06 Drilled 11" hole and set 21.3' of 8 5/8" surface casing Set with 7 sacks Portland cement 4-27-06 Started drilling 6 3/4" hole 4-27-06 Finished drilling to T.D. 1363' WATER@ 511' 836' SLIGHT BLOW 912' 8" ON 1/2" ORIFICE 637' 9" ON 1/2" ORIFICE 1037' 9" ON 1/2" ORIFICE 1087' 8" ON 1/2" ORIFICE 1263' 48" ON 3/4" ORIFICE 1363' 50" ON 3/4" ORIFICE RECEIVED KANSAS CORPORATION COMMISSION AUG 2 8 2006 CONSERVATION DIVISION WICHITA, KS

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

Drill Log

Quest Cherokee, LLC

Worrell #18-2 S18, T29,R16 Wilson Co, KS API#205-26483-0000

1140-1144 LAMINATED SAND

1144-1177 SHALE

1177-1179 SAND

1179-1181 BLACK SHALE

1181-1200 SHALE

1200-1244 SAND

1244-1245 COAL

1245-1253 SHALE

1253-1255 COAL

1255-1268 SHALE

1268-1363 LIME MISSISSIPPI

T.D. 1363'



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

TICKET NUME	BER 163	8
FIELD TICKE	TREF#_	
FOREMAN_	<b>⊅</b> % _	

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP RA	NGE COUNTY	
5 3 - 06	Worre	M Neil	18-2		18	29 /	6 Wh
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER	TRUCK HOURS	EMPLOYEE SIGNATURE
500 . 30	7:00	11:30		903388		4.5	joe Blancer
Tim. A	6:30			903255		5	Robus Whi
Rubert.W	6:45		-	903103		4 · <del>5</del> 4 · > 5	The Eyes
DAVIO C	7.00			903139	932452	2 4.5	Doubl Brown
Jerry H	6:30			903286		5	CHO ]
MAURICICA	0 7:00	1 4		lextra	1		1 Marin Drank
JOB TYPE Long	HOLES	SIZE6	<u>3/4</u> н	OLE DEPTH/ 3	363 c/	 ASING SIZE & WEIGHT	1442 10.5
CASING DEPTH	~						
SLURRY WEIGHT_	14.5 SLURR	Y VOL	N	/ATER gal/sk	CI	EMENT LEFT in CASIN	IG_ <u></u>
				-		ATE LI bo	
REMARKS:						ł	
PAN 2 51	<< act 50	+ 4001	Surface.	Tasteller	1 comoin	+ head Ra	N I SK god
d 12 h	by Sua	TO I	60 5K	< (S (05	neart +	1 co 4 dillo -	to Kunfaco
Flushow	mp Tump	Winek	olva to b	notion of 5	et Floor	t head Ra	
		· ·	1 )				
					,	Dro-	
					KAI	VSAS CORPORATION	)
						VSAS CORPORATION CO	OMMISSION
	125	5.59	E1 4112	Cosing		וחוול פ ז שפיי	ន
	133	6	$C \rightarrow \cdots$	(63176)		CONSERVATION	
931300	ے. د		Casing to	cers		WICHITA, KS	Offi
607243	2.5	hr	Casing tr	cilor			
ACCOUNT CODE	QUANTITY or L	- 1	DESCRIPTION OF SERVICES OR PRODUCT				TOTAL AMOUNT
903388	4.5	hr F	oreman Pickup	y'			
903255	. ' \ 5	7 9	ement Pump Truck	· .			
903103	4. 75	h.r B	Bulk Truck				
1104	15	0 SK P	ortland Cement				
1124	2	5	0/50 POZ Blend Go		PS 31/2		
1126			WG Blend Cemer	nt Hya' u	siper pl	JG	
1110	1 / (	2 3 1	ilsonite		· ,		
1107			lo-Seal			· · · · · · · · · · · · · · · · ·	
1118		<u> </u>	remium Gel				
1215A	<u> </u>	2	CL	1011			
1111B 1123		Z J.K.	odium Silicate (	clchloride			
1	700051		ransport Truck				-
903137	<u> </u>	~ \ \ -	ransport Trailer				
932452	<u>''</u>	7 717	0 Vac	<del></del>			
Ravin 4513		111		L Cl. a.e			
1			416" Floo	275 HOY			