ORIGINAL

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

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASENOV 2 8 2006

33344	CONSERVATION DIVISION
Operator: License # 33344 Name: Quest Cherokee, LLC	API No. 15 - 205-26833 - 0 - WICHITA, KS County: Wilson
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	
Purchaser: Bluestem Pipeline, LLC	- Control of Line of Cocion
	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: BC Steel	Lease Name: Ward Feed Yard Well #: 4-1
License: 33711	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 1033 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1490 Plug Back Total Depth: 1484.69
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20' 1" 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 1484.69
Operator:	feet death to surface w/ 160
Well Name:	A(+2-Dg-12)
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 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.:
7/27/06 7/28/06 8/4/06 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R
Recompletion Date Recompletion Date	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 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	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, for 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 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
Signature: January J. January Title: New Well Development Coordinator Date: 11/27/06	KCC Office Use ONLY Letter of Confidentiality Received
Subscribed and sworn to before me this Ttday of Youland	If Denied, Yes Date:
20.00	Wireline Log Received
Notary Public: Down Klauman	Geologist Report Received UIC Distribution
2-4-2012 A. TER	RA KLAUMAN
I HOLELY F	s & 4-2010

			Side Two			٠.	
Operator Name: Qu	est Cherokee, LL	С	Lease Nam	e: Ward Feed Y	′ard	Well #: 4-1	1
		✓ East	County: W				
ested, time tool ope emperature, fluid re	n and closed, flowing covery, and flow rate	and base of formations of gand shut-in pressures if gas to surface test, inal geological well site	, whether shut-in along with final o	pressure reached	static level, hydr	rostatic pressures,	bottom hole
Orill Stem Tests Take		Yes _ ✓ No	<u> </u>	Log Format	ion (Top), Depth	and Datum	Sample
Samples Sent to Ge	ological Survey	Yes	= :	lame ee attached		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☐ Yes ☐ No) 				
ist All E. Logs Run: Compensated Gamma Ray C Dual Induction	Density/Neutro	on Log	· i i				
		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	12-1/4	8-5/8"	20	20' 1"	"A"	4	
Production	6-3/4	4-1/2	10.5	1484.69	"A"	160	
	1	i •	_!	!	<u> </u>	<u> </u>	
		ADDITIONA	L CEMENTING /	SQUEEZE RECOR	D		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Usec		Type and	Percent Additives	
Shots Per Foot		ION RECORD - Bridge PI			acture, Shot, Ceme	ent Squeeze Record	Depth
4		Footage of Each Interval P 3-1190/1128-1131	enorated			er w/ 2% KCL, Blockle, 11000# 2	
							1128-1131
4	1041-1045/1027	7-1031		400gal 15%HCLw/ 74 b	oblis 2%kci water, 615bbis wate	er w/ 2% KCL, Biocide, 14000# 2	0/40 sand 1041-1045/1027-1031
TUBING RECORD	Size aiting on pipeline	Set At	Packer At	Liner Run	YesN	lo	
	erd Production, SWD or	Enhr. Producing M	ethod Fi	owingPump	ping Gas	Lift Other	(Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION		Production Inte	erval		
Vented Solo	Used on Lease	Open Hol		Dually Comp.	Commingled		

Drill Log

Laverne Miller SWD #14-1 S14, T28,R16 Wilson Co, KS API#205-26746-0000

Quest Cherokee, LLC

0-2	SOIL
2-4'	CLAY
4-8'	SHALE AND ROCK
8-24'	LIME
24-117	SHALE
117-130	LIME
130-251	SHALE
251-328	LIME
328-334	SHALE
334-337	LIME
337-371	SHALE
371-383	LIME
383-390	SHALE
390-410	LIME
410-422	SHALE
422-439	LIME
439-509	SHALE
509-511	LIME
511-521	SHALE
521-529	LIME
529-540	SHALE
540-552	LIME
552-562	SHALE
562-582	SANDY SHALE
	SHALE
	SANDY SHALE
596-597	
	SANDY SHALE
	SHALE
656-658	
658-659	
659-684 684-686	LIME BLACK SHALE
686-698	SHALE
698-701	
701-719	SHALE
719-741	LIME OSWEGO
741-743	SHALE
743-745	BLACK SHALE NO COAL
745-754	LIME
754-756	SHALE
756-757	SHALE AND COAL
757-825	SHALE
825-826	COAL.
826-835	SHALE
835-839	LIME
000 011	

COAL AND BLACK SHALE

839-841

7-27-06 Drilled 11" hole and set 22.5' of 8 5/8" surface casing Set with 6 sacks Portland cement

7-28-06 Started drilling 7 7/8" hole

8-1-06 Finished drilling to T.D. 1544'

616' SLIGHT BLOW 766' SLIGHT BLOW 826' 1" ON 1/2" ORIFICE 886' 1" ON 1/2" ORIFICE 916' 1" ON 1/2" ORIFICE 946' 8" ON 1/2" ORIFICE

RECEIVED KANSAS CORPORATION COMMISSION

NOV 2 8 2006

CONSERVATION DIVISION WIGHTA, KB

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

Quest Cherokee, LLC

Laverne Miller SWD #14-1 S14, T28,R16 ____Wilson_Co, KS API#205-26746-0000

841-900	SHALE
900-901	BLACK SHALE AND COAL
901-930	SHALE
930-931	BLACK SHALE
931-932	COAL
932-934	BLACK SHALE
934-967	SHALE
967-968	COAL
968-998	SHALE
998-1081	SAND
1081-1083	COAL
1083-1125	SHALE
1125-1126	BLACK SHALE AND COAL
1126-1136	SHALE
1136-1409	LIME MISSISSIPPI
1409-1424	SHALE
1424-1430	GREEN SHALE
1430-1442	SHALE
1442-1449	LIME
1449-1452	BLACK SHALE
1452-1544	ARBUCKLE

T.D. 1544'

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NOV 2 8 2006

CONSERVATION DIVISION WICHITA, KS



8-4-06

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

WARD

TICKET NUMBER 1665

FIELD TIGKET REF#

TOWNSHIP

SECTION

FOREMAN Joe Craig

RANGE

15

COUNTY

WL

TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

4+1

Feed VARD

FOREMAN /	TIME	TIME	LESS	TRUCK	TRAILER #	HOURS	SIGNATURE
OPERATOR 3	6:45			•			Du Blica
Craig . G.	6:45	12 : 1	15	903427		6 6	mon
Tim. A	6:30	1		903255		6. 25	1000
MAVERICK .I	7:00			903230		5.75	10/1/2/1
David. C	7:15			903140	932452	5.5	Daugh Marie
TROU W	6:35			9.83 415		.6.25	Myutin
Russell	17:00		1	lextra		5.75	1/4
JOB TYPE LONG	Strike HOLES	SIZE _	3/4	HOLE DEPTH/4	90 CASIN	IG SIZE & WEIGHT	41/2 70.5
CASING DEPTH	<u> 484.6</u> 9drill i	PIPE		TUBING	OTHE	R	
SLURRY WEIGHT 14.5 SLURRY VOL						G	
DISPLACEMENT 23	3.67 DISPLA	CEMENT	PSI	MIX PSI	RATE	46pm	
REMARKS:				;			_
INSTAILED	Coment L	read	RAHIA	Flush pump	16 661 de	ge d 160	sks ot
Cemput	to get dy	e to 5	urface.	Flush pump.	· Pompwipe	R place to	botton of
Set Fl	oat shor	.		, , , , , , , , , , , , , , , , , , ,			prome c
				i 			Sime view
					RECE KANSAS CORPORA	IVED	
					NOV 2	3, 2006	<u> </u>
}	140	4.69	F7 41/2	_	CONSEDIATIO	44 m	
	110				- ANDERWHO	N DIVISION	
	110	7	Contral		CONSERVATIO WICHITM	N DIVISION L KS	
93/310	3.5	7	Contral	zers	WICHITM	N DIVISION L, KS	
93/310		7	Cantral Casing		WICHITM	N DIVISION L, KS	
	3.5	hr hr	Cantral Casing	traffer trailer	WICHITA	, KS	TOTAL AMOUNT
607240 ACCOUNT CODE	3.5 3.5	hr hr	Cantral Casing	traffer trailer DESCRIPTION OF SE	VAICHIIN	, KS	
607240 ACCOUNT CODE 903427	3 . 5 3 . 5 QUANTITY or 1	hr hr	Casing Casing	traffer trailer DESCRIPTION OF SE	VAICHIIN	, KS	
607240 ACCOUNT CODE	3.5 3.5 QUANTITY or 0	hr hr units	Casing Casing Casing	traffer trailer DESCRIPTION OF SE	VAICHIIN	, KS	
607240 ACCOUNT CODE 903427 903255	3.5 3.5 QUANTITY or 1 6	hr hr JNITS	Casing Casing Casing Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement	traction traction traction DESCRIPTION OF SE	RVICES OR PRODUC	, KS	
607240 ACCOUNT CODE 903427 903255 90323C 1104 1124	3.5 3.5 QUANTITY or 1 6	JNITS hr hr hr hr JNITS	Casing Casing Casing Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blence	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	, KS	
607240 ACCOUNT CODE 903427 903255 90323C 1104 1124 1126	3.5 3.5 QUANTITY or 1 6	JNITS Los Short SOSIV	Casing Casing Casing Casing Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blenk OWC - Blend Ce	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	, KS	
607240 ACCOUNT CODE 903427 903236 1104 1124 1126 1110	3.5 3.5 QUANTITY or 1 6	JNITS LAC Shar SOSK I SSSSK SSSK SSSSK SSSK SSSSK S	Casing Casing Casing Casing Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blend OWC-Blend Ce Gilsonite	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	, KS	
607240 ACCOUNT CODE 903427 903255 90323C 1104 1124 1126 1110 1107	3.5 3.5 QUANTITY or 1 6	JNITS LAC	Casing Casing Casing Casing Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/30 POZ Blence Gilsonite Flo-Seal	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	, KS	
607240 ACCOUNT CODE 903427 903255 90323C 1104 1126 1110 1107 1118	3.5 3.5 QUANTITY or 1 6	JNITS LAC Shar SOSK I SSSSK SSSK SSSSK SSSK SSSSK S	Casing Casing Casing Casing Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blend OWG Blend Ge Gilsonite Flo-Seal Premium Gel	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	, KS	
607240 ACCOUNT CODE 903427 903236 1104 1124 1126 1110 1107 1118 1215A	3.5 3.5 QUANTITY or 1 6	7 hr JNITS L 5 hr 50 SK 1 1 5 S X 2 S X	Casing Casing Casing Casing Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/30 POZ Blence Gilsonite Flo-Seal	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	T	AMOUNT
607240 ACCOUNT CODE 903427 903255 90323C 1104 1126 1110 1107 1118	3.5 3.5 QUANTITY or 1 6	JNITS LAC	Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blend Gilsonite Flo-Seal Premium Gel KCL	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	, KS	AMOUNT
607240 ACCOUNT CODE 903427 903255 90323C 1104 1126 1110 1107 1118 1215A 1111B 1123	3.5 3.5 QUANTITY or 1 6 6.29 5.3 13	7 hr JNITS L 5 hr 50 SK 1 1 5 S X 2 S X	Casina Casina Casina Casina Casina Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/30 POZ Blence OWO-Blend Ge Gilsonite Flo-Seal Premium Gel KCL Sodium Silicate	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	T	AMOUNT
607240 ACCOUNT CODE 903427 903236 1104 1124 1126 1110 1107 1118 1215A 1111B 1123	3.5 3.5 QUANTITY or 1 6	7 hr JNITS L 5 hr 50 SK 1 1 5 S X 2 S X	Foreman Pickup Casina Casina Casina Casina Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blend Gilsonite Flo-Seal Premium Gel KCL Sodium Silicate City Water	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	T	AMOUNT
607240 ACCOUNT CODE 903427 903255 90323C 1104 1126 1110 1107 1118 1215A 1111B 1123	3.5 3.5 QUANTITY or 1 6 (.25 5.5	7 hr hr JNITS L 7 50 SK 1 1 C SK 4/ SK 4/ SK 1 L hr	Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blend Gilsonite Flo-Seal Premium Gel KCL Sodium Silicate City Water Transport Truck	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	T	AMOUNT
607240 ACCOUNT CODE 903427 903236 1104 1124 1126 1110 1107 1118 1215A 1111B 1123 G03140 932452	3.5 3.5 QUANTITY or U	7 hr hr JNITS L 5 hr 50 SK 1 1 C SK 4/ SK 4/ SK 1 1 L hr	Foreman Pickup Casina Casina Casina Casina Foreman Pickup Cement Pump Tr Bulk Truck Portland Cement 50/50 POZ Blend Gilsonite Flo-Seal Premium Gel KCL Sodium Silicate City Water Transport Truck Transport Trailer 80 Vac	traffor trailer DESCRIPTION OF SE THE COMMENT BAFFIRE	RVICES OR PRODUC	T	AMOUNT