KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM RIGINAL WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999 Form Must Be Typed

Operator: License #	API No. 15 - 205-27038 00 -00
Name: Quest Cherokee, LLC	County: Wilson
Address: 211 W. 14th Street	<u>ne_se_ne_Sec. 17 Twp. 28 S. R. 17 </u>
City/State/Zip: Chanute, KS 66720	1650 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:
	(circle one) (NE) SE NW SW
Phone: (620) 431-9500 RECEIVED Contractor: Name: TXD Services LP	Lease Name: Friedline, Claude Well #: 17-1
License: 33837 App . TON COMMIS	Re/Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Lease Name: Friedline, Claude Well #: 17-1 Sylonic Producing Formation: Multiple NE SE NW SW Well #: 17-1 Well #: 17-1
Designate Type of Completion:	Elevation: Ground: 1096 Kelly Bushing: n/a
Wellsite Geologist: Ken Recoy CONSERVATION DIVISION New Well Re-Entry Workover KS	Total Depth: 1191 Plug Back Total Depth: 1186.82
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1186.82
Operator:	feet depth to surface w/ 141 sx cmt.
Well Name:	Drilling Fluid Management Plan / 1 # 2 KGR 6/27/
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
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:
12/9/06 12/12/06 12/13/06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
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 at 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 Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	e trie oil and gas industry have been fully compiled with and the statements
$\mathcal{A} \mathcal{A} \mathcal{D} \mathcal{A}$	KCC Office Use ONLY
Signature: (June 7) (Ilmmann)	A RCC Office Use ONLY
Title: New Well Development Coordinator Date: 4/9/07	Letter of Confidentiality Received
Subscribed and sworn to before me this day of april	If Denied, Yes Date:
20 07.	Wireline Log Received
	Geologist Report Received
Notary Public: Devia Klauman	UIC Distribution
Date Commission Expires.	RRA KLAUMAN Public - State of Kansas
My Appt. Expir	es 8-4-2010

Operator Name: Qu								aude	Well #: _17-1]	·
Sec Twp	²⁸ S.	R. <u>17</u>	✓ East	West	Coun	ty: Wilso	n				<u> </u>
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	n and clo covery, ar	sed, flowing nd flow rates	rand shut s if gas to	in pressures, surface test, a	whether s along with	shut-in pre	essure reached	l static level, hydr	ostatic pressure	es, bottoi	m hole
Drill Stem Tests Take			Ye	es 🗸 No		 ✓L	og Forma	tion (Top), Depth			Sample
Samples Sent to Ge	ological S	Survey	`Y	es ✓No		Nam See	e attached		Тор	Į.	Datum
Cores Taken Electric Log Run (Submit Copy)		•	☐ Ye	es VNo es No		, a , e , e	1317	18			
List All E. Logs Run:					^ 11	,	er.	١.			
Compensated Dual Induction Gamma Ray N	Log		n Log		.	ار د	Secretary Secretary				
			Repo		RECORD conductor,	_	ew 🔲 Used ermediate, produ	ction, etc.			
Purpose of String		ize Hole Drilled	Siz	e Casing t (In O.D.)	W	eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	12-1		8-5/8"	()	20		20	"A"	5		
Production	6-3/-	4	4-1/2		10.5		1186.82	"A"	141		
					<u> </u>					<u> </u>	
				ADDITIONAL	CEMENT	TING / SQI	JEEZE RECOR				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	-	Depth op Bottom	Туре	of Cement	#Sacl	ks Used		Type and	Percent Additives		
Shots Per Foot				RD - Bridge Plu Each Interval Pe		e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth	
4	1084-1	086/1040	-1041/10	034-1036			300gal 15%HCLw/ 26 bbts 2%kd water, 630bbls water w/ 2% KCL, Biodde, 7000# 20/40 sand			1084-1086/1040-1041	
								······································			1034-1036
4	901-90	3/841-84	3/858-86	0/871-873/8	302-805		400gal 15%HCLw/ 55 bbls 2%kcl water, 807bbls water w/ 2% KCL, Blockle, 16000# 30/70 sand 901-			901-903/841-843	
										858-860	871-873/802-805
4	J	21/704-708	•				<u> </u>	bbls 2%kcl water, 476bbls water	r w/ 2% KCL, Biocide, 1200	# 30/70 sand	717-721/704-708
TUBING RECORD 2-	Size -3/8"	9	Set At 1096		Packer n/a	At	Liner Run	☐ Yes . ✓ N	0		
Date of First, Resume 2/20/07	rd Producti	ion, SWD or E	inhr.	Producing Me	thod	Flowin	g 📝 Pum	ping Gas L	ift Othe	er (Explain))
Estimated Production Per 24 Hours		Oil n/a	Bbls.	Gas Omcf	Mcf	Wat	er 4bbls	Bbls.	Gas-Oil Ratio		Gravity
Disposition of Gas	M	TIVA NETHOD OF (COMPLETIC			100.	Production Int	erval			
Vented ✓ Solo		ed on Lease 0-18.)		Open Hole	مند،	المصا	Dually Comp.	Commingled .	· ·		
				Francisco (aper		e difference di series di					



TXD SERVICES LP

DRILLERS LOG

TXD SERVICES LP

RIG #	101		S. 17	T. 28	R. 17		PE XELLER AND	
API#	205-27038	F	County:	Wilson		470'	4 - 1"	51.6
	Elev:	940'	Location	Kansas		676"	4 - 1"	51.6
						684'	4 - 1"	51.6
Operator:	Quest Cherc	okee, LLC			•	724'	4 - 1"	51.6
Address:	9520 N. May	Ave, Suite	300			783'	4 - 1"	51.6
•	Oklahoma C	ity, OK. 731	20			815'	4 - 1"	51.6
Well#	17-1		Lease Name	Friedline	Claude	845'	4 - 1"	51.6
Footage Locat	ion	1650	ft from the	N	Line	874'	4 - 1"	51.6
		330	ft from the	E	Line	904'	4 - 1"	51.6
Drilling Contra	ctor:	TXD S	SERVICES	LP		934'	4 - 1"	51.6
Spud Date;	12/9/2006		Geologist:			952`	4 - 1"	51.6
Date Comp:	12/12/2006		Total Depth:	1191'		983'	4 - 1"	51.6
Exact spot Loc	cation;	NE SE NE				1032'	4 - 1"	51.6
					PLA TOTAL	1059'	4 - 1"	51.6
ADDRESS OF BUILDING	Surface	Production				1096'	31 - 1.25"	241
Size Hole	12-1/4"	6-3/4"				1191'	GCS	
Size Casing	8-5/8"	4-1/2"						
Weight	24#							
Setting Depth	20.0'							
Type Cement								
Sacks								

Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
top soil	0	2	lime	348		sand/shale	784	795
shale	2	71	shale	370		coal	795	800
lime	71	74	lime	390	410	shale	800	
shale	74	78	shale	410		coal	812	815
sand	78	89	lime	512		shale	815	
shale	89	95	shale	520		coal	842	
sand	95	107	sand	528	551	shale	846	
shale	107	196	sand/shale	551		coal	856	
lime	196	211	sand	563		shale	860	
shale	211	213	shale	590		coal	870	
lime	213	219	coal	608		shale	874	
shale	219	222	shale	609		coal	900	
lime	222	250	lime	620		shale	904	
coal	250		shale	649		coal	930	
shale	251	252	coal	679		shale	934	1
lime	252		lime	682		coal	948	
shale	278	280	coal	710		shale	952	
shale	280	314	lime	715		sand/shale	960	
lime	314	315	coai	720		coal	978	
shale	315		shale	724		shale	983	
coal	317		sand	732		sand	988	
shale	318	321	sand/shale	740		shale	996	
lime	321		coal	780	784	coal	1028	103

190' added water

RECEIVED KANSAS CORPORATION COMMISSION

APR 1 0 2007

CONSERVATION DIVISION WICHITA, KS

				Fredrik				19 12
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
shale	1032	1038						
coal	1038	1042						
shale	1042	1057						
coal	1057	1060						
shale	1060	1085						
coal	1085	1088						
shale	1088	1095						
lime	1095	1191						
•								
		1						
	1							
	1			1				



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

TICKET NUMBER 1948

RANGE

COUNTY

FIELD TICKET REF # __

FOREMAN Joe

TOWNSHIP

SECTION

619290

TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

12:13-06	Friedlin	e Cl	aude	17-1	17	28 17	' WL			
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE			
Joe · B	6:45	9:30		963427		2.75	10 P. Dur			
Tim. A	6:30	[903255		3	In Ben			
Russell. A	U:30			903206		3	R			
BRANJON M	7:30			9034/00	932705	2 .				
TROY. W	7.00	V		9314120		25	Thelatest			
CASING DEPTH 118 SLURRY WEIGHT 14 DISPLACEMENT 18.	DB TYPE LOLD SIZE 63/1/ HOLE DEPTH 1191 CASING SIZE & WEIGHT 4/2 10.5 ASING DEPTH 1186.82DRILL PIPE TUBING OTHER LURRY WEIGHT 145 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING O ISPLACEMENT 18.92 DISPLACEMENT PSI MIX PSI RATE 4600									
	1186.8	. 1	FI H'b (CONSERVATION MICHITA	PECEIVED PORATION COMMISSION TO 2007	Y			
		6	(015/10/12 + 1/12 + 1/12	olshue_	**/4,	AS SON				
ACCOUNT CODE	QUANTITY or UN	/	4 1/2 (/cx	olshue	ERVICES OR PRODUC		TOTAL AMOUNT			
CODE		VITS	Foreman Pickup	olshue						
903427	QUANTITY or UN 2. 75	/	41/2 - (1cx	DESCRIPTION OF SE						
CODE	2.75	vits hv	Foreman Pickup	DESCRIPTION OF SE						
903427 903255	2.75	NITS hr	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement	DESCRIPTION OF SE	ERVICES OR PRODUC	CT				
903427 903255 903206	2.75 3 3	NITS hv hv	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50 POZ-Blend C	DESCRIPTION OF SE		CT				
903427 903255 903206 1104	2.75 3 3	NITS hv hc hc SK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement	DESCRIPTION OF SE	ERVICES OR PRODUC	CT				
903427 903255 903206 1104	2.75 3 3 133	NITS hy hr SK 2 1 SK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50 POZ-Blend Cement Gilsonite	DESCRIPTION OF SE	ERVICES OR PRODUC	CT				
903427 903255 903206 1104 1124	2.75 3 3	hy hr hr sK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50-POZ-Blend Cement OWC - Blend Cement	DESCRIPTION OF SE	ERVICES OR PRODUC	CT				
903427 903255 903206 1104 1124 1126 1110	2.75 3 3 133	NITS hy hr SK 2 1 SK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50 POZ-Blend Cement Gilsonite	DESCRIPTION OF SE	ERVICES OR PRODUC	CT				
903427 903255 903206 1104 1126 1110	2.75 3 3 133	/ NITS hy hr hr . SK 2 1 SK SK SK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50-POZ-Blend Ceme Gilsonite Flo-Seal Premium Gel KCL	DESCRIPTION OF SE	ERVICES OR PRODUC	CT	AMOUNT			
903427 903255 903206 1104 1124 1126 1110 1107	2.75 3 3 133 14/ 1.5 2	/ NITS hy hr hr . SK 2 1 SK SK SK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50-POZ-Blend Ceme Gilsonite Flo-Seal Premium Gel KCL	DESCRIPTION OF SE	ERVICES OR PRODUC	CT				
903427 903255 903206 1104 1124 1126 1110 1107 1118	2.75 3 3 133 14 1.5 2 1sc	/ NITS hy hr SK 2 1 SK SK SK SK 1 SK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50-POZ-Blend Ceme Gilsonite Flo-Seal Premium Gel KCL	DESCRIPTION OF SE	ERVICES OR PRODUC	CT	AMOUNT			
CODE 903427 903206 1104 1124 1126 1110 1107 1118 1215A 1111B	2.75 3 3 133 14/ 1.5 1 sc 7000	/ NITS hy hr SK 2 1 SK SK SK SK 1 SK	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50-POZ-Blend-C OWC - Blend Ceme Gilsonite Flo-Seal Premium Gel KCL Sodium Silicate	DESCRIPTION OF SE	ERVICES OR PRODUC	CT	AMOUNT			
CODE 903427 903255 903206 1104 1124 1126 1110 1107 1118 1215A 1111B 1123	2.75 3 3 133 14 1.5 2 1sc	/ NITS hv hv sk 2 1 sk 3 sk 3 sk 6 sp.1	Foreman Pickup Cement Pump Truc Bulk Truck Portland Cement 50/50 POZ-Blend Ceme Gilsonite Flo-Seal Premium Gel KCL Sodium Silicate City Water	DESCRIPTION OF SE	ERVICES OR PRODUC	CT	AMOUNT			