

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

8/16/09  
Form ACO-1  
September 1999  
Form Must Be Typed

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

Operator: License # 33344  
Name: Quest Cherokee, LLC  
Address: 211 W. 14th Street  
City/State/Zip: Chanute, KS 66720  
Purchaser: Bluestem Pipeline, LLC  
Operator Contact Person: Jennifer R. Ammann  
Phone: (620) 431-9500  
Contractor: Name: TXD  
License: 33837  
Wellsite Geologist: Ken Recoy

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Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  
4/20/07    4/24/07    4/25/07  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 133-26906-0000  
County: Neosho  
       -        -        sw -        se Sec. 20 Twp. 29 S. R. 19  East  West  
740 feet from (S) N (circle one) Line of Section  
1940 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Kramer, Jerry L. Well #: 20-2  
Field Name: Cherokee Basin CBM  
Producing Formation: Multiple  
Elevation: Ground: 970 Kelly Bushing: n/a  
Total Depth: 1026 Plug Back Total Depth: 1018.01  
Amount of Surface Pipe Set and Cemented at 20 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1018.01  
feet depth to surface w/ 111 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit) AKIWT 223-09  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jennifer R. Ammann  
Title: New Well Development Coordinator Date: 8/16/07  
Subscribed and sworn to before me this 16<sup>th</sup> day of August,  
2007.  
Notary Public: Denise V. Venneman  
Date Commission Expires: 7-1-08

DENISE V. VENNEMAN  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 7-1-08

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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KANSAS CORPORATION COMMISSION  
**AUG 17 2007**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Kramer, Jerry L. Well #: 20-2  
 Sec. 20 Twp. 29 S. R. 19  East  West County: Neosho

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy)  List All E. Logs Run:  Compensated Density Neutron Log Dual Induction Log Gamma Ray Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name: <u>See attached</u> Top Datum <u>See attached</u>
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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"	22	20	"A"	5	
Production	6-3/4	4-1/2	10.5	1018.01	"A"	111	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	947-950/894-896/888-890	300gal 15% HCL w/ 23 bbls 2% KCl water, 501 bbls water w/ 2% KCL, Biocide, 8400# 20/40 sand	947-950/894-896 888-890
4	670-672/635-638/614-616	300gal 15% HCL w/ 34 bbls 2% KCl water, 436 bbls water w/ 2% KCL, Biocide, 8400# 20/40 sand	670-672/635-638 614-616
4	532-536/520-524	300gal 15% HCL w/ 36 bbls 2% KCl water, 566 bbls water w/ 2% KCL, Biocide, 10400# 20/40 sand	532-536/520-524

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>990</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>5/30/07</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>28.3mcf</u>	Water Bbls. <u>5.2bbls</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

005  
 11/11/07  
 11/11/07

EST

ce Corporation

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

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TICKET NUMBER 2146

FIELD TICKET REF #

FOREMAN Joe B

621170

TREATMENT REPORT  
& FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-25-07	Kramer Jerry 20-2	20	29	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe B	6:45	5:00		903427		10.25	Joe B
MAVERICK D	7:00	3:45		903197		8.75	Maverick D
Tyler G	7:00	3:00		903206		8	Tyler G
Gary C	7:00	11:30		903142	932452	4.5	Gary C
Bill B	6:30	11:30		931615		5	William B

JOB TYPE Logging HOLE SIZE 6 3/4 HOLE DEPTH 1026 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 1018.01 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 16.23 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Installed cement head RAW 1 SK gal & 10 bbl dye & 111 SKS of cement to get dye to surface Flush pump. Pump wiper plug to bottom & set float

	1018.01	ft 4 1/2 Casing
	6	Centralizers
	1	4 1/2 Float shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	10.25 hr	Foreman Pickup	
903197	8.75 hr	Cement Pump Truck	
903206	8 hr	Bulk Truck	
1104	10.5 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement Baffle 3 1/2 #3	
1126	1	OWC Blend Cement 4 1/2 wiper plug	
1110	11 SK	Gilsonite	
1107	1 SK	Flo-Seal	
1118	1 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	2 SK	Sodium Silicate Calchloride	
1123	7000 gal	City Water	
903142	4.5 hr	Transport Truck	
932452	4.5 hr	Transport Trailer	
931615	5 hr	80 Vac	

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**TXD SERVICES LP**

**DRILLERS LOG**

**TXD SERVICES LP**

<b>RIG #</b>	101	<b>S. 20</b>	<b>T. 29</b>	<b>R. 19</b>		
<b>API #</b>	133-26906	<b>County:</b>	Neosho	487'	no blow	
<b>Elev:</b>	970'	<b>Location</b>	Kansas	498'	no blow	
				529'	5 - 1/2"	14.1
<b>Operator:</b>	Quest Cherokee, LLC			591'	15 - 1/2"	24.5
<b>Address:</b>	9520 N. May Ave, Suite 300			653'	5 - 3/4"	31.6
	Okiahoma City, OK. 73120			715'	5 - 3/4"	31.6
<b>Well #</b>	20-2	<b>Lease Name</b>	Kramer, Jerry L.	746'	5 - 3/4"	31.6
<b>Footage Location</b>	740 ft from the	<b>S</b>	<b>Line</b>	777'	4 - 3/4"	28.3
	1940 ft from the	<b>E</b>	<b>Line</b>	808'	5 - 3/4"	31.6
<b>Drilling Contractor:</b>	<b>TXD SERVICES LP</b>			839'	5 - 3/4"	31.6
<b>Spud Date:</b>	4/19/2007	<b>Geologist:</b>		901'	5 - 3/4"	31.6
<b>Date Comp:</b>	4/24/2007	<b>Total Depth:</b>	1025'	963'	9lbs- 3/4"	245
<b>Exact spot Location;</b>	SW SE			1025'	11.5lb-3/4'	280
<b>Surface</b>	12-1/4"	<b>Production</b>	6-3/4"			
<b>Size Hole</b>	12-1/4"		6-3/4"			
<b>Size Casing</b>	8-5/8"		4-1/2"			
<b>Weight</b>	24#					
<b>Setting Depth</b>	22'					
<b>Type Cement</b>	portland					
<b>Sacks</b>						

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Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	3	sand/shale	332	355	sand/shale	647	653
shale	3	20	sand	355	396	shale	653	669
lime	20	59	sand/shale	396	420	lime	669	671
shale	59	62	coal	420	422	shale	671	674
sand	62	85	sand/shale	422	432	coal	674	675
coal	85	86	lime	432	452	sand	675	678
sand	86	96	b.shale	452	454	shale	678	680
shale	96	99	shale	454	494	lime	680	682
coal	99	100	coal	494	495	shale	682	694
shale	100	117	shale	495	502	sand	694	738
lime	117	128	lime	502	519	shale	738	740
shale	128	131	shale	519	523	b.shale	740	742
lime	131	136	b.shale	523	525	shale	742	747
shale	136	186	shale	525	531	sand	747	753
lime	186	202	lime	531	536	shale	753	762
shale	202	208	shale	536	544	b.shale	762	764
b.shale	208	213	sand	544	562	sand/shale	764	767
shale	213	217	shale	562	579	lime	767	768
sand/shale	217	238	sand/shale	579	584	shale	768	772
shale	238	293	sand	584	589	coal	772	773
lime	293	301	shale	589	638	shale	773	785
shale	301	310	coal	639	639	sand	785	800
lime	310	332	sand	639	647	shale	800	804

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 PAGE: 004 R=100%

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
sand	804	812						
coal	812	813						
sand	813	824						
shale	824	831						
sand	831	855						
shale	855	874						
sand	874	876						
sand/shale	876	880						
shale	880	889						
coal	889	891						
shale	891	896						
coal	896	898						
shale	898	915						
sand/shale	915	924						
shale	924	947						
coal	947	949						
shale	949	953						
sand	953	956						
mississippi	956	1025						

440' added water, 509' odor, 700' odor

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PAGE: 003 R=100%