

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

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  
 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. \_\_\_\_\_  

<u>7/25/07</u>	<u>8/1/07</u>	<u>8/1/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-27021-0000  
 County: Neosho  
 \_\_\_\_\_ - sw - se Sec. 16 Twp. 29 S. R. 18  East  West  
500 feet from (S) N (circle one) Line of Section  
2000 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Kansas 1178-LLC Well #: 16-4  
 Field Name: Cherokee Basin CBM  
 Producing Formation: multiple  
 Elevation: Ground: 1047 Kelly Bushing: n/a  
 Total Depth: 1204 Plug Back Total Depth: 1196.33  
 Amount of Surface Pipe Set and Cemented at 22 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1196.33  
 feet depth to surface w/ 165 sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit) *Art Klauman*  
*12-17-07*  
 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: 11/16/07  
 Subscribed and sworn to before me this 16<sup>th</sup> day of November,  
2007.  
 Notary Public: Debra Klauman  
 Date Commission Expires: 8-4-2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: **RECEIVED**  
 Wireline Log Received **KANSAS CORPORATION COMMISSION**  
 Geologist Report Received **NOV 20 2007**  
 UIC Distribution  
 CONSERVATION DIVISION  
 WICHITA, KS

**TERRA KLAUMAN**  
 Notary Public - State of Kansas  
 My Appt. Expires 8-4-2010

Operator Name: Quest Cherokee, LLC Lease Name: Kansas 1178-LLC Well #: 16-4  
Sec. 16 Twp. 29 S. R. 18  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  Yes  No (Attach Additional Sheets)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No (Submit Copy)  
List All E. Logs Run:  
Compensated Density Neutron Log  
Dual Induction Log  
Gamma Ray Neutron Log

CASING RECORD  New  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	22	"A"	5	
Production	6-3/4	4-1/2	10.5	1196.33	"A"	165	

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				

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated

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	1090-1093/1041-1043/1034-1036	300gal 15%HCLw/ 56 bbls 2%kcl water, 688bbls water w/ 2% KCL, Biocide, 6100# 20/40 sand	1090-1093/1041-1043 1034-1036
4	808-810/771-774/749-751	300gal 15%HCLw/ 60bbls 2%kcl water, 693bbls water w/ 2% KCL, Biocide, 6900# 20/40 sand	808-810/771-774 749-751
4	666-670/653-657	300gal 15%HCLw/ 52 bbls 2%kcl water, 761bbls water w/ 2% KCL, Biocide, 9100# 20/40 sand	666-670/653-657

TUBING RECORD Size 2-3/8" Set At 1133 Packer At n/a  
Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. 8/24/07  
Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
n/a		13.5mcf	8.1bbls		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
Production Interval  Other (Specify)

**TXD SERVICES LP**

**DRILLERS LOG**

**TXD SERVICES LP**

<b>RIG #</b>	101	<b>S.</b>	16	<b>T.</b>	29	<b>R.</b>	18			
<b>API #</b>	133-27021	<b>County:</b>	Neosho		312'	0 no blow				
<b>Elev:</b>	1047'	<b>Location</b>	Kansas		405'	0 no blow				
					467'	slight blow				
<b>Operator:</b>	Quest Cherokee, LLC				478'	15 - 1/2"	24.5			
<b>Address:</b>	9520 N. May Ave, Suite 300				591'	28 - 1/2"	33.2			
	Oklahoma City, OK. 73120				622'	11 - 3/4"	47.2			
<b>Well #</b>	16-4	<b>Lease Name</b>	Kansas 1178-LLC		684'	5 - 3/4"	31.6			
<b>Footage Location</b>	500 ft from the		S	Line	777'	5 - 3/4"	31.6			
	2000 ft from the		E	Line	839'	5 - 3/4"	31.6			
<b>Drilling Contractor:</b>	<b>TXD SERVICES LP</b>				983'	5 - 3/4"	31.6			
<b>Spud Date:</b>	NA	<b>Geologist</b>			1025'	5 - 3/4"	31.6			
<b>Date Comp:</b>	8/1/2007	<b>Total Depth:</b>	1211'		1056'	5 - 3/4"	31.6			
<b>Exact spot Location:</b>	SW SE				1087'	5 - 3/4"	31.6			
					1118'	22 - 3/4"	66.6			
					1211'	22 - 3/4"	66.6			
	<b>Surface</b>	<b>Production</b>								
<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>										

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	9	shale	300	302	coal	753	754
clay/shale	9	22	lime	302	364	shale	754	778
shale	22	28	shale	364	371	coal	778	779
b.shale	28	30	b.shale	371	372	shale	779	814
shale	30	53	shale	372	382	coal	814	816
shale	53	55	coal	382	383	sand	816	831
shale	55	93	sand	383	423	sand/shale	831	894
lime	93	94	shale	423	434	sand	894	958
shale	94	114	lime	434	463	coal	958	959
lime	114	115	coal	463	470	shale	959	1008
shale	115	142	shale	470	499	coal	1008	1009
lime	142	201	sand	499	563	sand/shale	1009	1040
coal	201	202	lime	563	568	coal	1040	1042
lime	202	207	coal	568	569	sand/shale	1042	1051
shale	207	227	lime	569	589	coal	1051	1052
b.shale	227	229	b.shale	589	590	shale	1052	1069
shale	229	259	lime	590	598	coal	1069	1071
lime	259	275	b.shale	598	599	shale	1071	1074
shale	275	280	sand/coal	599	625	coal	1074	1075
b.shale	280	282	lime	625	669	sand	1075	1098
lime	282	295	coal	669	671	shale	1098	1113
shale	295	296	sand	671	740	mississ	1113	1211
b.shale	296	300	shale	740	753			

267' injected water, 894-958' odor

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KANSAS CORPORATION COMMISSION

NOV 20 2007

CONSERVATION DIVISION  
WICHITA, KS

# QUEST

Resource Corporation

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

TICKET NUMBER **2333**

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Joe

622550

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
8-1-07	KANSAS 1178 LLC 16-4			16	29	18	no
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe B	2:00	4:25		903427		2.25	Joe Blomher
Tim A		6:15		903255		4.25	Tim A
Maverick D		5:10		903600		3	Maverick D
Kevin M		6:00		903140	932452	4	Kevin M
Gary L		4:45		931500		4.25	Gary L

JOB TYPE Longstrings HOLE SIZE 6 3/4 HOLE DEPTH 1204 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 1196.33 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 19.08 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Installed Cement head RAWL SK gel of 12 bbl dye & 165 SKS of Cement to get dye to surface. flush pump. Pump wiper plug to bottom & set float shoe

	1196.33	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	2.25 hr	Foreman Pickup	
903255	2.25 hr	Cement Pump Truck	
903600	2.25 hr	Bulk Truck	
1104	155 SK	Portland Cement	
1124	2	50/60 POZ Blend Cement - Baffles 3 1/2 #3	
1126	1	OWC Blend Cement 4 1/2 wiper plug	
1110	16 SK	Gilsonite	
1107	16.5 SK	Flo-Seal	
1118	1 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	1 SK	Sodium Silicate Calchloride	
1123	7000 gal	City Water	
903140	4 2.25 hr	Transport Truck	
903452	4 2.25 hr	Transport Trailer	
931500	4 2.25 hr	80 Vac	

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