

**CONFIDENTIAL**

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

**ORIGINAL**

4/3/10

Form ACO-1  
September 1999  
Form Must Be Typed

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

**CONFIDENTIAL**  
APR 03 2008  
**KCC**

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. \_\_\_\_\_

12-13-07	12-21-07	12-21-07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27218-0000

County: Neosho

SW SW Sec. 20 Twp. 28 S. R. 19  East  West

660 feet from S / N (circle one) Line of Section

660 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Stich, William A. Well #: 20-4

Field Name: Cherokee Basin CBM

Producing Formation: Multiple

Elevation: Ground: 900 Kelly Bushing: n/a

Total Depth: 1010 Plug Back Total Depth: 991

Amount of Surface Pipe Set and Cemented at 21.5 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 991

feet depth to surface w/ 140 sx cmt.

**Drilling Fluid Management Plan** APR INT 6 12 09  
(Data must be collected from the Reserve Pit)

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: 4/03/08

Subscribed and sworn to before me this 3<sup>rd</sup> day of April

20 08

Notary Public: Jenna Klaueman

Date Commission Expires: 8-4-2010

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

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**APR 04 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Stich, William A. Well #: 20-4  
 Sec. 20 Twp. 28 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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Compensated Density Neutron Log</b> <b>Dual Induction Log</b>	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum  Name <span style="float:right">Top <span style="float:right">Datum</span></span> See attached
---	---

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	21.5	"A"	5	
Production	6-3/4	4-1/2	10.5	991	"A"	140	

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	869-872/816-818/810-812	500gal 15%HCLw/ 48bbbls 2%Kcl water, 621bbbls water w/ 2% KCL, Blockde, 6000# 20/40 sand	869-872/816-818  810-812
4	733-735/711-713/663-665/633-635	400gal 15%HCLw/ 48bbbls 2%Kcl water, 526bbbls water w/ 2% KCL, Blockde, 6000# 20/40 sand	733-735/711-713  663-665/633-635
4	455-459/443-447	400gal 15%HCLw/ 38bbbls 2%Kcl water, 621bbbls water w/ 2% KCL, Blockde, 6000# 20/40 sand	455-459/443-447

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>912</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>2-27-08</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>20.2 mcf</u>	Water Bbls. <u>36.5 bbbls</u>	Gas-Oil Ratio	Gravity

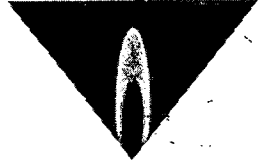
Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# QUEST

Resource Corporation



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

CONFIDENTIAL

APR 03 2008

KCC

TICKET NUMBER 2643

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

FOREMAN Joe

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-21-07	Stich William 20-4	20	28	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	2:00	5:30		903427		3.5	<i>Joe Blom</i>
Tim		5:30		903255		3.5	<i>Tim</i>
Maurick		5:00		903600		3	120
Tyler		5:00		903140	932452	3	<i>Tyler</i>
Steve	✓	5:30		931575		3.5	<i>Steve</i>

JOB TYPE Longstrins HOLE SIZE 6 3/4 HOLE DEPTH 1010 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 990.84 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 15.80 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

Installed cement head RAW 2 SK set of 10 bbl dye & 15K gal of 140 sus of cement to get  
 dye to surface. Flush pump. Pump plug to bottom of 3rd float shoe

(Cement to Surface)

990.84	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	3.5 hr	Foreman Pickup	
903255	3.5 hr	Cement Pump Truck	
903600	3 hr	Bulk Truck	
1104	120 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement - Baffles 3 1/2 +3	
1126	1	OWC - Blend Cement - 4 1/2 wiper plug	
1110	29 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	13 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate Catchlovide	
1123	7000 gal	City Water	
903140	3 hr	Transport Truck	
932452	3 hr	Transport Trailer	
931575	3.5 hr	80 Vac	

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 04 2008

CONSERVATION DIVISION  
WICHITA, KS

**CONFIDENTIAL**

**APR 03 2008**

**TXD SERVICES**

**DRILLERS LOG**

**KCC**

**TXD SERVICES**

<b>RIG #</b>	<b>101</b>	<b>S. 20</b>	<b>T. 28</b>	<b>R. 19</b>	<b>GAS TESTS:</b>			
<b>API #</b>	<b>133-27218</b>	<b>County:</b>		<b>Neosho</b>	<b>188'</b>	<b>0 no blow</b>		
<b>Elev.:</b>	<b>900'</b>	<b>Location:</b>		<b>Kansas</b>	<b>467'</b>	<b>22 - 1/2"</b>	<b>29.4</b>	
<b>Operator:</b> Quest Cherokee LLC					<b>560'</b>	<b>15 - 1/2"</b>	<b>24.5</b>	
<b>Address</b> 9520 N. May Ave., Suite 300					<b>591'</b>	<b>15 - 1/2"</b>	<b>24.5</b>	
Oklahoma City, OK. 73120					<b>622'</b>	<b>11 - 1/2"</b>	<b>20.9</b>	
<b>WELL #</b>	<b>20-4</b>	<b>Lease Name:</b>		<b>Stich, William A.</b>	<b>684'</b>	<b>11 - 1/2"</b>	<b>20.9</b>	
<b>Footage location</b>		<b>660 ft. from the</b>	<b>S</b>	<b>line</b>	<b>839'</b>	<b>15 - 1/2"</b>	<b>24.5</b>	
		<b>660 ft. from the</b>	<b>W</b>	<b>line</b>	<b>901'</b>	<b>14 - 3/4"</b>	<b>69.5</b>	
<b>Drilling Contractor:</b> TXD SERVICES LP					<b>1010'</b>	<b>8 - 3/4"</b>	<b>40</b>	
<b>Spud Date:</b> 10-6-07		<b>Geologist:</b>						
<b>Date Comp:</b> 12-21-07		<b>Total Depth:</b> 1010'						
<b>Exact Spot Location</b>		<b>SW SW</b>						
<b>Casing Record</b>				<b>Rig Time</b>				
	<b>Surface</b>	<b>Production</b>						
<b>Size Hole</b>	<b>12-1/4"</b>	<b>6-3/4"</b>						
<b>Size Casing</b>	<b>8-5/8"</b>	<b>4-1/2"</b>						
<b>Weight</b>	<b>24#</b>	<b>10-1/2#</b>						
<b>Setting Depth</b>	<b>25'</b>							
<b>Type Cement</b>								
<b>Sacks</b>								
<b>WELL LOG</b>								
<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>
top soil	0	25	lime	454	461	coal	878	883
shale	25	41	b.shale/coal	461	462	shale	883	889
lime	41	43	sand/shale	462	543	lime/mississ	889	1010
shale	43	57	sand/shale	543	545			
lime	57	77	sand/shale	545	562			
shale	77	115	lime	562	565			
lime	115	154	b.shale/coal	565	570			
shale	154	171	shale	570	608			
coal	171	172	b.shale	608	611			
shale	172	213	sand/shale	611	620			
lime	213	252	coal	620	621			
sand	252	270	sand	621	667			
shale	270	290	coal	667	670			
sand	290	330	sand/shale	670	714			
shale	330	333	coal	714	716			
lime	333	380	shale	716	738			
b.shale	380	383	b.shale	738	739			
shale	383	397	shale	739	814			
sand	397	431	coal	814	817			
lime	431	449	shale	817	822			
b.shale	449	451	coal	822	823			
shale	451	454	shale	823	878			

**Comments:** 621-667 odor

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**APR 04 2008**

CONSERVATION DIVISION  
WICHITA, KS