

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

8/21/09  
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: Michael Drilling  
License: 33783  
Wellsite Geologist: Ken Recoy

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  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>4/24/07</u>	<u>4/25/07</u>	<u>5/2/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27151-0000  
County: Wilson

\_\_\_\_\_ - sw - nw Sec. 21 Twp. 29 S. R. 17  East  West  
2050 feet from S (N) (circle one) Line of Section  
990 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Miller, David E. Well #: 21-4

Field Name: Cherokee Basin CBM

Producing Formation: Multiple

Elevation: Ground: 858 Kelly Bushing: n/a

Total Depth: 1057 Plug Back Total Depth: 1047.71

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 1047.71

feet depth to surface w/ 130 sx cmt.

Drilling Fluid Management Plan AKING 3-409  
(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: 8/21/07

Subscribed and sworn to before me this 21<sup>st</sup> day of August,  
2007.

Notary Public: Jenna Klauman

Date Commission 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  
AUG 22 2007  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Miller, David E. Well #: 21-4  
 Sec. 21 Twp. 29 S. R. 17  East  West County: Wilson

**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 <i>(Attach Additional Sheets)</i>  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 <i>(Submit Copy)</i>  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 Top Datum See attached
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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	22	"A"	5	
Production	6-3/4	4-1/2	10.5	1047.71	"A"	130	

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	968-971/920-922/914-916	400gal 15%HCLw/ 51 bbbs 2%kcl water, 481bbbs water w/ 2% KCL, Biocide, 4000# 20/40 sand	968-971/920-922
4	816-818/795-797/648-650	300gal 15%HCLw/ 31 bbbs 2%kcl water, 480bbbs water w/ 2% KCL, Biocide, 3500# 20/40 sand	816-818/795-797 648-650
4	583-587/569-573	400gal 15%HCLw/ 40 bbbs 2%kcl water, 310bbbs water w/ 2% KCL, Biocide, 4000# 20/40 sand	583-587/569-573

TUBING RECORD		Size Set At	Packer At	Liner Run
2-3/8"		1007.27	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 7/11/07		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 Bbbs. n/a	Gas Mcf 0mcf	Water Bbbs. 94.3bbbs	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

TICKET NUMBER 2187

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

FOREMAN Joe

021150

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-2-07	Miller David 21-4	21	29	17	WL

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	3:30	7:30		903427		4	<i>Joe Blanchard</i>
Maverick D		7:30		903197		4	<i>Maverick D</i>
Russell A		7:15		903206		3.75	<i>Russell A</i>
Paul Hale		7:45		903142	932452	4.25	<i>Paul Hale</i>
Gary C	↓	8:30		931500		5	<i>Gary C</i>

JOB TYPE non-string HOLE SIZE 6 3/4 HOLE DEPTH 1051 CASING SIZE & WEIGHT 4 1/2 125  
 CASING DEPTH 1047.71 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 16.70 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

~~INSTALL CEMENT HEAD RAN~~ Wash 20 ft RAN 2 SKS gel swept to surface. Installed Cement head. RAN 11 bbl dye & 130 SKS of cement to get dye to surface. flush pump. Pump wiper Plug to bottom & set float shoe

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931310	10.5 hr	Casing tractor
	10.5 hr	Casing trailer
	1047.71	ft 4 1/2 Casing
	6	Centralizers
	1	4 1/2 float shoe

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	4 hr	Foreman Pickup	
903197	4 hr	Cement Pump Truck	
903206	3.75 hr	Bulk Truck	
1104	125 SK	Portland Cement	
1124	1	50/50 POZ Blend Cement Baffle 3"	
1126	1	OWC Blend Cement 4 1/2 Wiper plug	
1110	13 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate Calchloride	
1123	7000 gal	City Water	
903142	4.25 hr	Transport Truck	
9315152	1.25 hr	Transport Trailer	
932500	5 hr	80 Vac	

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CONSERVATION DIVISION  
WICHITA, KS

042507

**Michael Drilling, LLC**  
**P.O. Box 402**  
**Iola, KS 66749**  
**620-365-2755**

**Company:** Quest Cherokee LLC  
**Address:** 9520 North May Ave, Suite 300  
Oklahoma City, Oklahoma 73120  
**Ordered By:** Donnie Meyers

**Date:** 04/25/07  
**Lease:** Miller, David E.  
**County:** Wilson  
**Well#:** 21-4  
**API#:** 15-205-27151-00-00

**Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
0-22	Overburden	649-728	Shale
22-115	Lime	728-730	Lime
115-170	Sand	730-731	Coal
170-186	Shale	731-745	Sandy Shale
186-265	Lime	745-746	Coal
265-320	Shale	746-766	Shale
320-412	Sand With Lime Streaks	766-776	Sand
412-435	Sand	776-790	Sandy Shale
435-452	Sandy Shale	790-791	Coal
452-458	Lime	791-805	Sand
458-459	Coal	805-840	Sandy Shale
459-463	Shale	840-841	Coal
463-497	Lime	841-910	Sandy Shale
497-500	Black Shale	910-935	Coal
500-540	Sandy Shale	935-955	Sand
540-563	Lime	955-962	Shale
555	Gas Test 50" at 1/4" Choke	962-965	Coal
563-570	Black Shale	965-969	Shale
570-580	Lime	968	Gas Test 3" at 1-1/2" Choke
575	Gas Test 50" at 1/4" Choke	969-1057	Mississippi Lime
580-584	Black Shale and Coal	982	Gas Test 3" at 1-1/2" Choke
584-646	Sandy Shale	1057	Gas Test 3" at 1-1/2" Choke
602	Gas Test 28" at 1/2" Choke	1057	TD
646-649	Coal		Surface 22'

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