

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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
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>9/7/07</u>	<u>9/10/07</u>	<u>9/11/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-27114-0000
County: Neosho
_____ se nw Sec. 31 Twp. 27 S. R. 19 East West
1980 feet from (S) N (circle one) Line of Section
1980 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Resning, Lloyd E. Well #: 31-1
Field Name: Cherokee Basin CBM

Producing Formation: multiple
Elevation: Ground: 933 Kelly Bushing: n/a
Total Depth: 1054 Plug Back Total Depth: 1046
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 1046
feet depth to surface w/ 154 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ADJWH*
1-18-08
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: 1/4/08
Subscribed and sworn to before me this 4th day of January,
2007.
Notary Public: Deva 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

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JAN 08 2008
CONSERVATION DIVISION
WICHITA, KS

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

Operator Name: Quest Cherokee, LLC Lease Name: Rensing, Lloyd E. Well #: 31-1
 Sec. 31 Twp. 27 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: Compensated Density Neutron Log Dual Induction 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	1046	"A"	154	

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	759-762/746-748/651-653/616-619	400gal 15%HCLw/ 34 bbls 2%kcl water, 546bbls water w/ 2% KCL, Blockde, 4300# 20/40 sand	759-762/746-748 651-653/616-619
4	518-522/507-511	300gal 15%HCLw/ 44 bbls 2%kcl water, 646bbls water w/ 2% KCL, Blockde, 5600# 20/40 sand	518-522/507-511

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>800</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>11/29/07</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>0mcf</u>	Water Obbls	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease
 Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.)
 Other (Specify) _____

L. S. Well Service, LLC #33374
543A 22000 Road
Cherryvale, Kansas 67335
620-328-4433

Drill Log
Quest Cherokee, LLC

Lloyd E. Rensing #31-1
S31, T27, R19E
Neosho Co, KS
API#133-27114-0000
PO#

0-5 Dirt
5-130 Lime
130-201 Sandy Shale
201-310 Shale
310-313 Lime
313-315 Black Shale
315-322 Lime
322-395 Shale
395-398 Lime
398-399 Coal
399-445 Lime Pink
445-448 Black Shale
448-466 Shale
466-489 Sandy Shale
489-490 Coal
490-518 Lime Oswego
518-520 Black Shale
520-521 Coal
521-618 Shale
618-619 Coal
619-653 Shale
653-720 Sandy Shale
720-740 Sand
740-791 Sandy Shale
791-807 Sand
807-810 Sandy Shale
810-856 Sand Odor
856-916 Sand Slight Odor
916-917 Coal
917-938 Sand
938-940 Coal
940-943 Black Shale
943-954 Shale
954-1054 Lime Mississippi

T.D. 1054'

**9/6/07 Drilled 11" hole and set
22.5' of 8 5/8" surface casing
Set with 6 sacks Portland cement/
(Surface set by L&S - Cement furnished
by L&S)**

9/7/07 Started drilling 6-3/4" hole

**9/7/07 Finished drilling to
T.D. 1054'**

**Did we dig pit? No
Did we kill well? No
Did we load hole with water? Yes**

**405 0
465 Slight Blow
495 6" on 1/2" Orifice
525 10" on 1/2" Orifice
616 10" on 1/2" Orifice
736 6" on 1/2" Orifice
796 6" on 1/2" Orifice
826 10" on 1/2" Orifice
856 15" on 1/2" Orifice
886 15" on 1/2" Orifice
916 15" on 1/2" Orifice
946 15" on 1/2" Orifice
976 15" on 1/2" Orifice**

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CONSERVATION DIVISION
WICHITA, KS



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

SI 623620
API 15-133-27114

TICKET NUMBER **2417**
FIELD TICKET REF # _____
FOREMAN Dwayne

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
9-11-07	Rensing Lloyd E 31-1			31	27	19	100
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	7:00	12:00	nbo	901640		5 hr	<i>[Signature]</i>
Kevin	7:00	11:00				4 hr	<i>[Signature]</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1052 CASING SIZE & WEIGHT 10.5" 4.5"
 CASING DEPTH 1044.92 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 16.66 DISPLACEMENT PSI _____ MIX PSI _____ RATE 3.5 bpm

REMARKS:
Keywell Sewer Ran casing and cemented this well with 154 sacks of cement

	1044.92	4 1/2 casing	
	5	4 1/2 centralizers	
	1	4 1/2 float shoe	
	1	4 1/2 wiper plug	

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
901640	5 hr	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
1104		Portland Cement	
1124	1	20/30 Blend Cement Frac Blend Cement 3"	
1126		OWC - Blend Cement	
1110		Gilsonite	
1107		Flo-Seal	
1118		Premium Gel	
1215A		KCL	
1111B		Sodium Silicate	
1123		City Water	
	4 hr	Transport Truck	
	4 hr	Transport Trailer	
		80 Vac	

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