

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33344  
Name: Quest Cherokee Oilfield Service, LLC  
Address: 211 W. 14th Street  
City/State/Zip: Chanute, KS 66720  
Purchaser: Bluestem Pipeline, LLC  
Operator Contact Person: Richard Marlin  
Phone: (620) 431-9500  
Contractor: Name: Barton T. Lorenz  
License: 33286  
Wellsite Geologist: N/A

RECEIVED  
KANSAS CORPORATION COMMISSION  
APR 13 2005  
WICHITA, KS  
CONSERVATION DIVISION

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>11/24/04</u>	<u>11/24/04</u>	<u>12/06/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26239-00-00  
 County: Neosho  
 \_\_\_\_\_ ne ne Sec. 8 Twp. 29 S. R. 19  East  West  
600 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: Heilman, Vern L. Well #: 8-1  
 Field Name: Cherokee Basin CBM  
 Producing Formation: Rowe/Neutral/Riverton  
 Elevation: Ground: 952' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 977' Plug Back Total Depth: 974.11'  
 Amount of Surface Pipe Set and Cemented at 21'6" Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 974.11'  
 feet depth to surface w/ 138 sx cmt.

**Drilling Fluid Management Plan** ALT #2 KGR 5/11/07  
 (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: Richard Marlin  
 Title: Chief Operating Officer Date: 4/11/2005  
 Subscribed and sworn to before me this 11<sup>th</sup> day of April, 2005.  
 Notary Public: Jennifer R. Houston  
 Date Commission Expires: July 30, 2005

**KCC Office Use ONLY**

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

JENNIFER R. HOUSTON  
 Notary Public - State of Kansas  
 My Appt. Expires July 30, 2005

Operator Name: Quest Cherokee Oilfield Service, LLC Lease Name: Heilman, Vern L. Well #: 8-1  
 Sec. 8 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 <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Comp Density/Neutron Dual Induction Gamma Ray/Neutron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Lenapah Lime</td> <td>254 1/2'</td> <td>+698 1/2'</td> </tr> <tr> <td>Altamont Lime</td> <td>286'</td> <td>+667'</td> </tr> <tr> <td>Pawnee Lime</td> <td>384'</td> <td>+569'</td> </tr> <tr> <td>Oswego Lime</td> <td>471 1/2'</td> <td>+339 1/2'</td> </tr> <tr> <td>Verdigris Lime</td> <td>613 1/2'</td> <td>+339 1/2'</td> </tr> <tr> <td>Mississippi Lime</td> <td>933 1/2'</td> <td>+19 1/2'</td> </tr> </table>	Name	Top	Datum	Lenapah Lime	254 1/2'	+698 1/2'	Altamont Lime	286'	+667'	Pawnee Lime	384'	+569'	Oswego Lime	471 1/2'	+339 1/2'	Verdigris Lime	613 1/2'	+339 1/2'	Mississippi Lime	933 1/2'	+19 1/2'
Name	Top	Datum																				
Lenapah Lime	254 1/2'	+698 1/2'																				
Altamont Lime	286'	+667'																				
Pawnee Lime	384'	+569'																				
Oswego Lime	471 1/2'	+339 1/2'																				
Verdigris Lime	613 1/2'	+339 1/2'																				
Mississippi Lime	933 1/2'	+19 1/2'																				

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	11"	8-5/8"	24.75#	22'6"	"A"	6sx	
Production	6 3/4"	4 1/2"	10.5#	974.11'	"A"	138sx	

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	861'-863'	1,100 gal 15% acid, 17 gal KCl	861'-863'
4	866.5'-868'	2 gal biocide, 1 gal iron control	866.5'-868'
4	919'-923'		919'-923'

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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 \_\_\_\_\_

TICKET NUMBER

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

FOREMAN John Michals

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

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-6-2004		Helman, Well # 8-1	8	295	195	No

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRUCK HOURS	EMPLOYEE SIGNATURE
John M	6:27	1:15	No	348	4.5	<i>[Signature]</i>
Wes T	7:00	12:30	No	197	4.5	<i>[Signature]</i>
Jimmy H	6:30	12:50	No	206	4.5	<i>[Signature]</i>
Larry P	7:00	12:30	No	401	4.5	<i>[Signature]</i>
Rodney A	6:45	12:45	No	106	4.5	<i>[Signature]</i>

? TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 977 CASING SIZE & WEIGHT 4 1/2 / 10.5  
 CASING DEPTH 974 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 15.4 DISPLACEMENT PSI 500 MIX PSI 250 RATE \_\_\_\_\_

REMARKS:

*Circulate with fresh H<sub>2</sub>O Ran 2 gal ahead, Ran 10 BBI Dye with 15 Gallons Sodium silicate. Cement until Dye return. Flush pump, pump plug with K.C.L. water, set float shoe. Dozer on location to move crews in around and back out of location; pasture muddy. Had pan of Limestone 1-2 foot below sed. Had Dozer enlarge the pit.*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	# 348	Foreman Pickup	
	# 197	Cement Pump Truck	
	# 206	Bulk Truck	
	w/o additives 124 sks	Cement 138 sks w/ additives	
1110	14 sks	Gilsonite	
1107	1 sks	Flo-Seal	
1118	2 sks	Premium Gel	
1215A	1 gal	KCL	
1111B	15 gal's	Sodium Silicate	
1123	5,460 gal's	City Water 130 BBI	
	# 401	Transport Truck	
	# 21	Transport Trailer	
	# 106	80 Vac	

RECEIVED  
KANSAS CORPORATION COMMISSION  
APR 13 2005  
CONSERVATION DIVISION  
WICHITA, KS

Quest Cherokee LLC Cementing Report

Date: 12-6-2004  
Well: Heilman, Vern #8-1 Legals 8-295-19E Neosho Co.

RE: Run & Cement Longstring-Notified Becke at KCC Office-12/3/04 @ 3:30 AM (PM)

Time:

- 2 8:00 A.M. Team- -on location and rig up
- 1 7:50 A.M. Buckeye on location and spot casing trailer
- 4 8:50 A.M. Team- -TIH w/ 974.11 ft of casing
- 3 8:20 A.M. QCOS on location and rig up
- 5 10:05 A.M. Team- -Hit fill approx. 50' ft from T.D.
- 6 10:20 A.M. QCOS wash casing to T.D. and circulate 2 sks gel to surface  
*Start was 6 of 10:05 A.M. End was 2 of 10:25 A.M. 5 suspended gal & cuttings.*
- 7 10:30 A.M. Team- -Land casing
- 8 11:00 A.M. Team- -Rig down and off location
- 9 11:05 A.M. QCOS- pump- Circulate W/ fresh H2O, run 10 bbl dye with 15 gal sodium silicate, cement until dye return, flush pump, pump plug W/ KCL water, set float shoe  
*Lost circulation shortly after going to cement, for 1 min 30 secs, gradually pressured up to 750 psi and broke loose and circulation returned. Dirty Hole*
- 10 11:55 A.M. QCOS Rig down and off location

CEMENT SLURRY:

Total Cement: 138 sks  
Cement blend: OWC, 5# Gilsonite, 1/4# Flo-Seal  
Cement slurry weight: 13.9  
Average Surface Pressure:

Running cement circulation pressure: 250  
Pumping plug circulation pressure: 500  
Circulation during job: *lost circulation at start of cement for 1 min 30 secs. flow had good circulation.*

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 6 3/4"- 977'  
Casing Size & Depth: New 4 1/2" 10.5# per/ft. Range 3-plus shoe- 974.11  
943 Centralizer  
778 Basket *centralizer*  
573 Centralizer  
369 Basket *centralizer*  
163 Centralizer  
1 ea 4 1/2" Latch-Down Float Shoe w/ Notch Collar on bottom & 4 1/2" Latch-Down Plug

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 13 2005

CONSERVATION DIVISION  
WICHITA, KS

*Dozer on location to move crews in, around, and back out of locate. Location is pasture, with a hard pan of limestone 1-2' below floor. Enlarged flc existing pit to increased fluid volume.*