

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
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>11/22/04</u>	<u>11/23/04</u>	<u>12/04/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26240-00-00
County: Neosho
ne - nw Sec. 8 Twp. 29 S. R. 19 East West
660 feet from S / (circle one) Line of Section
1980 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Heilman, Vern L. Well #: 8-2
Field Name: Cherokee Basin CBM
Producing Formation: Summit/Mulky
Elevation: Ground: 976' Kelly Bushing: _____
Total Depth: 997' Plug Back Total Depth: 995.16'
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 995.16'
feet depth to surface w/ 113 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: KANSAS CORPORATION COMMISSION
Operator Name: _____ APR 13 2005
Lease Name: _____ License No: _____
Quarter _____ Sec. _____ Twp. _____ S. R. WICHITA, KS 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 11th day of April,
2005.
Notary Public: Jennifer R. Houston
Date Commission Expires: July 30, 2005

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

KCC Office Use ONLY

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

Operator Name: Quest Cherokee Oilfield Service, LLC Lease Name: Heilman, Vern L. Well #: 8-2
 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 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:

Comp Density/Neutron
 Dual Induction
 Gamma Ray/Neutron

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Lenapah Lime	278'	+698'
Altamont Lime	309'	+667'
Pawnee Lime	406'	+570'
Oswego Lime	493'	+483'
Verdigris Lime	638'	+338'
Mississippi Lime	955'	+21'

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#	995.16'	"A"	113SX	

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	519'-523'	17,300# 20/40 sand	519'-523'
4	531'-535'	432 BBLS water	531'-535'
RECEIVED KANSAS CORPORATION COMMISSION APR 13 2005 CONSERVATION DIVISION WICHITA, KS			

TUBING RECORD		Size	Set At	Packer At	Liner Run
Waiting on pipeline					<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

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

TICKET NUMBER _____
FIELD TICKET REF # _____
FOREMAN John Michels

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-4-2004		Heilman, DEAN # 8-2	8	295	195	No

FOREMAN / OPERATION	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRUCK HOURS	EMPLOYEE SIGNATURE
John. M	6:26	5:14	No	348	9	<i>[Signature]</i>
Wes. T	6:53	4:53	No	197	9	<i>[Signature]</i>
Jimmy. H	6:52	5:07	No	206	9	<i>[Signature]</i>
Larry. P	7:00	4:30	No	401	8.5	<i>[Signature]</i>
Rodney. A	7:52	5:24	No	106	9	<i>[Signature]</i>

? TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 997 CASING SIZE & WEIGHT 4 1/2 / 10.5
 CASING DEPTH 995 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 15.8 DISPLACEMENT PSI 500 MIX PSI 200 RATE _____

REMARKS:
 Circulate with fresh H₂O, Ran 2 Gal a lead, Ran 11 BBL Dye with 15 gallons Sodium Silicate. Cement until Dye return, flush pump, pump plug with K.C.L. water, set float shoe.
 Doff on location to move crews in, around and out of locale.
 Job Data: Teams pulling rig broke the yoke & u-joint on drive shaft upon arrival, wait on parts & maintenance: 7:40 A.M. - 12:10 P.M. (4 Hrs 20 min) Doff began pulling crews in at 12:10 P.M.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	# 348	Foreman Pickup	
	# 197	Cement Pump Truck	
	# 206	Bulk Truck	
	113 sks w/ additives	Cement	
1110	11 sks	Gilsonite	
1107	1 sks	Flo-Seal	
1118	2 sks	Premium Gel	
1215A	1 gal	KCL	
1111B	15 gals	Sodium Silicate	
1123	5.502 gals	City Water	130 BBL
	# 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

12-4-2004

Well: Heilman, Verm #8-2 Legals 8-295-19E Neosho Co.

RE: Run & Cement Longstring-Notified Becke at KCC Office- 1213 104 @ 3:30 AM **(PM)**

Time:

- 2 7:40 AM Team- -on location and rig up
- 1 7:35 AM Buckeye on location and spot casing trailer
- 4 1:05 PM Team- -TIH w/ 995.16 ft of casing
- 3 8:10 AM QCOS on location and rig up
- 5 1:40 PM Team- -Hit fill approx. 215 ft from T.D.
- 6 2:35 PM QCOS wash casing to T.D. and circulate 2 sks gel to surface
Start wash at 1:40 p.m. End wash will gel cycle at 2:50 p.m. (1 hr 10 min)
- 7 2:40 PM Team- -Land casing Extremely Dirty Hole, mega cutting down 4-up.
- 8 3:20 PM Team- -Rig down and off location all through 10-11 was 2 down/gal cycle.
- 9 3:25 PM QCOS- pump- Circulate W/ fresh H2O, run 11 bbl dye with 15 gal sodium silicate, cement until dye return, flush pump, pump plug W/ KCL water, set float shoe
Very Dirty Hole. No excessive pressures while cementing or washing.
- 10 4:20 PM QCOS Rig down and off location

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

CEMENT SLURRY:

Total Cement: 113 sks
 Cement blend: OWC, 5# Gilsonite, 1/4# Flo-Seal
 Cement slurry weight: 13.9
 Average Surface Pressure:
 Running cement circulation pressure: 200
 Pumping plug circulation pressure: 500
 Circulation during job: Good

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 6 3/4" - 997'
 Casing Size & Depth: New 4 1/2" 10.5# per/ft. Range 3-plus shoe- 995.16

<u>954</u>	Centralizer	: Experimenting the non-use of Baskets, to see if cementing pressure and extra washing are avoidable.
<u>752</u>	Basket Centralizer	
<u>548</u>	Centralizer	
<u>341</u>	Basket Centralizer	
<u>170</u>	Centralizer	
1 ea	4 1/2" Latch-Down Float Shoe w/ Notch Collar on bottom & 4 1/2" Latch-Down Plug	

Dozer on location to move crews in, around and back out of location. Job Delay: Team's pulling unit broke the yoke & u-joint on the main drive shaft. Delay on parts & maintenance: 7:40 A.M. - 12:10 P.M. (4 hrs 20 min) Dozer started to pull Team in at 12:10 p.m.: Location is pasture, grassy, muddy under the sod.