

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: Gary Laswell
 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>9/9/04</u>	<u>9/10/04</u>	<u>11/5/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 099-23609-0020
 County: Neosho
c ne sw Sec. 3 Twp. 31 S. R. 18 East West
1980 feet from (S) N (circle one) Line of Section
1850 feet from E (NW) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW (SW)
 Lease Name: Big Hill Farms Well #: 3-1
 Field Name: Cherokee Basin CBM
 Producing Formation: Summit/Mulky
 Elevation: Ground: 962 Kelly Bushing: n/a
 Total Depth: 1062 Plug Back Total Depth: 1046.5
 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 1046.5
 feet depth to Surface w/ 123 sx cmt.

Drilling Fluid Management Plan *See 11 WMAA*
 (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: [Signature]
 Title: Head of Operations Date: 4/8/06
 Subscribed and sworn to before me this 8th day of April
2006
 Notary Public: Jennifer R. Ammann
 Date Commission Expires: July 30, 2009

KCC Office Use ONLY

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

JENNIFER R. AMMANN
 Notary Public - State of Kansas
 My Appt Expires July 30, 2009

✓

Operator Name: Quest Cherokee, LLC Lease Name: Big Hill Farms Well #: 3-1
 Sec. 3 Twp. 31 S. R. 18 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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached

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Gamma Ray/Neutron Log

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"	20#	21.5	"A"	6	
Production	6-3/4"	4-1/2"	10.5#	1046.5	"A"	123	

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	538-542/557-561	429bbls H2O, 20# HEC, Biocide, Max Flow, 2% KCL, 16895# 20/40 sand	538-542/557-561

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	806.98'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
2/9/05	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	140mcf	100bbls		

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

METHOD OF COMPLETION Production Interval

BARTON T. LORENZ #33286
543-A 22000 Rd.
Cherryvale, KS 67335
620-328-4433

DRILLER LOG
QUEST CHEROKEE, LLC

Big Hill Farms #3-1
S3, T31, R18E
Labette County
API # 15-099-23609 00-00

0-7 DIRT
7-33' LIME
33-60 SAND
60-65 SHALE
65-67 LIME
67-75 SHALE
75-121 SAND
121-155 LIME
155-271 SHALE
271-284 LIME
284-308 SHALE
308-317 LIME
317-322 SHALE
322-328 LIME
328-353 SANDY SHALE
353-362 SHALE
362-365 SAND
365-378 SANDY SHALE
378-437 SHALE
437-439 BLACK SHALE
LESS THAN 18"
439-469 LIME
469-471 SHALE
471-474 BLACK SHALE
474-475 COAL
475-519 SHALE
519-542 LIME OSWEGO
542-546 SHALE
546-550 BLACK SHALE
550-552 SHALE
552-565 LIME
565-567 BLACK SHALE
567-568 COAL LESS THAN 8"
568-574 SHALE
574-584 SAND
584-598 SANDY SHALE
598-636 SHALE
636-637 COAL LESS THAN 8"
637-656 SHALE
656-658 LIME
658-660 BLACK SHALE
660-661 COAL LESS THAN 10"
661-664 SHALE
664-671 SAND
671-672 COAL LESS THAN 6"
672-695 SANDY SHALE
695-696 COAL LESS THAN 4"

9-9-04 Drilled 11" hole and
Set 21.5' of 8 5/8" Surface pipe
Set with 6 sacks of Portland Cement

9-10-04 Started drilling 6 3/4" hole

9-10-04 Finished drilling to T.D. 1062'

WATER AT 550'

460' 0"

485' 0"

560' 5" ON 1/2" ORIFICE

574' 10" ON 1/2" ORIFICE

661' 8" ON 1/2" ORIFICE

686' 8" ON 1/2" ORIFICE

711' 7" ON 1/2" ORIFICE

786' 7" ON 1" ORIFICE

811' 10" ON 1" ORIFICE

836' 10" ON 1" ORIFICE

937' 8" ON 1" ORIFICE

1012' 8" ON 1" ORIFICE

1062' 6" ON 1" ORIFICE

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CONSERVATION DIVISION
WICHITA, KS

JOHN T. LORENZ #33286
643-A 22000 Rd.
Cherryvale, KS 67335
620-328-4433

DRILLER LOG
QUEST CHEROKEE, LLC

Big Hill Farms #3-1
S3, T31, R18E
Labette County
API # 15-099-23610-00-00

696-715	SANDY SHALE
715-744	SAND
744-774	SHALE
774-775	COAL LESS THAN 6"
775-801	SHALE
801-807	SAND
807-816	SHALE
816-817	COAL LESS THAN 4"
817-827	SHALE
827-833	SAND
833-916	SHALE
916-926	LAMINATED SAND
926-933	SHALE
933-934	COAL LESS THAN 10"
934-1008	SHALE
1008-1062	LIME MISSISSIPPI

T.D. 1062'

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