

ORIGINAL

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

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: M.O.K.A.T. Drilling  
License: 5831  
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. \_\_\_\_\_

10/13/04 10/14/06 04 10/28/04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 133-26182-00-00  
County: Neosho  
SW NE ne ne Sec. 31 Twp. 30 S. R. 18  East  West  
575 feet from S N (circle one) Line of Section  
575 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Kesterson, Edith Ann Well #: 31-3  
Field Name: Cherokee Basin CBM

Producing Formation: Summit/Mulky  
Elevation: Ground: 996 Kelly Bushing: n/a  
Total Depth: 1110 Plug Back Total Depth: 1104.24  
Amount of Surface Pipe Set and Cemented at 21' 11" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1104.24  
feet depth to Surface w/ 130 \_\_\_\_\_ sx cmt.  
ALT II WITHM 8-25-06

Drilling Fluid Management  
(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: Gay Powell  
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  
RECEIVED  
KANSAS CORPORATION COMMISSION  
APR 11 2006  
CONSERVATION DIVISION  
WICHITA, KS  
JENNIFER R. AMMANN  
Notary Public - State of Kansas  
My Appt. Expires July 30, 2009

Operator Name: Quest Cherokee, LLC Lease Name: Kesterson, Edith Ann Well #: 31-3  
 Sec. 31 Twp. 30 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:

Comp. Density/Neutron Log  
 Dual Induction Log  
 Gamma Ray/Neutron Log

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

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"	20#	21.11'	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1104.24'	"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	624-628.5/645-651	352 bbls water, 20# HEC, 2% KCL, max flow & biocide, 1600# 20/40 11205 12/20 sand	624-628.5/645-651

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	848'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
12/01/04	<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	130 mcf	50 bbls		

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 \_\_\_\_\_

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**APR 11 2006**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

Quest Cherokee LLC Cementing Report

Date: 10-28-04  
Well: Kesterson, Edith Ann # 31-3 Legals 31-305-186 Neosho Co.

RE: Run & Cement Longstring-Notified Becke at KCC Office-10/28/04 @ 8:25 AM PM

Time:

- 11:30am ~~████████~~ G+S well serv. -on location and rig up
- 11:30am Buckeye on location and spot casing trailer
- 12:20pm ~~████████~~ G+S well serv. -TIH w/ 1104.24 ft of casing
- 12:30pm QCOS on location and rig up
- 1:20pm ~~████████~~ G+S well serv. -Hit fill approx. 270 ft from T.D.
- 1:30pm QCOS wash casing to T.D. and circulate 2 sks gel to surface

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- 2:40pm ~~████████~~ G+S Well Serv. -Land casing
- 3:10pm ~~████████~~ G+S Well Serv. -Rig down and off location
- 3:20pm 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

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- 4:10pm *- Dirty hole- gel brought back alot of cuttings*  
QCOS Rig down and off location

CEMENT SLURRY:

Total Cement: 130 sks  
 Cement blend: OWC, 5# Gilsomite, 1/4# Flo-Seal  
 Cement slurry weight: 13.8  
 Average Surface Pressure:  
 Running cement circulation pressure: 100 psi  
 Pumping plug circulation pressure: 800 psi  
 Circulation during job: good

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 6 3/4"- 1110'  
 Casing Size & Depth: New 4 1/2" 10.5# per/ft. Range 3-plus shoe- 1104.24  
1049 Centralizer  
847 Basket  
603 Centralizer  
404 Basket  
202 Centralizer  
 1 ea 4 1/2" Latch-Down Float Shoe w/ Notch Collar on bottom & 4 1/2" Latch-Down Plug

*- Dozer on location had to be pulled in and out*

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APR 11 2006

CONSERVATION DIVISION  
WICHITA, KS

Air Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



P.O. Box 590  
Caney, KS 67333

P. 4

Operator <b>QUEST CHEROKEE LLC.</b>		Well No. 31-3	Lease KESTERSON	Loc.	14	14	13	Sec. 31	Twp. 30	Rge. 18		
County NEOSHO		State KS	Type/Well	Depth 1110'	Hours	Date Started 10-13-04	Date Complete 10-14-04					
Job No.	Casing Used 21".11" OF 8 5/8"	Bit Record				Coring Record						
Driller BILLY	Cement Used	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No. 2			6 3/4"								
Driller	Hammer No.											

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	2	DIRT	557	560	SHALE	750	757	SHALE	1044	1060	SANDY SHALE
2	8	SAND	560	570	BLK SHALE	757	758	COAL (MINERAL)	1064		GAS TEST (SAME)
8	9	LIME	570	571	LIME	758	775	SANDY SHALE	1060	1092	LIMEY CHAT MISS
9	13	SAND	571	573	BLK SHALE	763		GAS TEST (SAME)	1092	1110	BROWN LIME
13	76	SHALE	573	574	COAL (LEXINGTON)	775	776	BLK SHALE, COAL	1110		GAS TEST (12# 3/8")
76	111	LIME	574	592	SAND	776	788	SAND			
111	114	SANDY SHALE	592	594	LIME (OSWEGO)	788	827	SANDY SHALE			T.D. 1110'
114	147	SAND	594	595	SHALE	813		GAS TEST (SAME)			
147	170	SHALE	595	622	LIME	827	829	LIME			
170	220	LIME	622	624	SHALE	829	832	BLK SHALE			
220	223	BLK SHALE (DAMP)	624	630	BLK SHALE	832	833	COAL (TEBO)			
223	227	SHALE	630	645	LIME	833	852	SHALE			
227	277	LIME	638		GAS TEST (17# 1/8")	838		GAS TEST (SAME)			
277	285	LIMEY SHALE	645	649	BLK SHALE (MULKY)	852	853	COAL (WEIR)			
285	300	BLK SHALE (DAMP)	649	650	COAL	853	855	SANDY SHALE			
300	332	SHALE	650	652	SHALE	855	862	SAND (LITE OIL ODOR)			
332	335	BLK SHALE	652	655	LIME	863		GAS TEST (SAME)			
335	340	SHALE	655	693	SHALE	862	900	SHALE			
340	350	SAND	663		GAS TEST (11.5# 1/4")	900	914	BLK SHALE			
350	372	SHALE	693	694	COAL (BEVER)	914	974	SHALE			
372	378	LIME	694	712	SHALE	974	978	SAND			
378	381	SHALE	712	714	LIME	978	979	COAL (ROWE)			
381	408	LIME	713		GAS TEST (7# 3/8")	979	985	SHALE			
387		WENT TO WATER	714	716	SHALE	985	986	COAL (NEUTRAL)			
408	452	SANDY SHALE	716	717	COAL (CROWBERG)	986	1020	SHALE			
452	501	SAND (WIESER)	717	726	SAND	988		GAS TEST (12# 3/8")			
501	535	SHALE	726	727	LIME	1020	1029	SANDY SHALE			
535	536	COAL (MULBERRY)	727	728	COAL	1029	1030	COAL			
536	537	SHALE	728	749	SANDY SHALE	1030	1043	SANDY SHALE			
537	557	LIME (PAWNEE)	738		GAS TEST (SAME)	1039		GAS TEST (SAME)			
537		GAS TEST (NO GAS)	749	750	LIME	1043	1044	COAL			

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MOKAT Drilling

Oct 19 04 09:05a