

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: MOKAT  
License: 5831  
Wellsite Geologist: Ken Recoy

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>7/7/06</u>	<u>7/13/06</u>	<u>7/24/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26643 - 00-00  
County: Neosho  
\_\_\_\_\_ - ne - sw Sec. 17 Twp. 27 S. R. 21  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: Smith, Joseph A. Well #: 17-1  
Field Name: Cherokee Basin CBM

Producing Formation: Multiple  
Elevation: Ground: 1060 Kelly Bushing: n/a  
Total Depth: 954 Plug Back Total Depth: 948.59  
Amount of Surface Pipe Set and Cemented at 22' 5" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 948.59  
feet depth to surface w/ 100 sx cmt.

Drilling Fluid Management Plan alt. II KGR 11/02/07  
(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: Jennifer R. Ammann  
Title: New Well Development Coordinator Date: 11/6/06  
Subscribed and sworn to before me this 6<sup>th</sup> day of November,  
20 06.

Notary Public: Sera Klauaman  
Date Commission Expires: 8-4-2010

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

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
Wireline Log Received \_\_\_\_\_  
Geologist Report Received \_\_\_\_\_  
**RECEIVED**  
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Operator Name: Quest Cherokee, LLC Lease Name: Smith, Joseph A. Well #:             
 Sec. 17 Twp. 27 S. R. 21  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:  <b>Compensated Density Neutron Log</b> <b>Dual Induction Log</b> <b>Gamma Ray Collar Neutron Log</b>	<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"	20	22' 5"	"A"	4	
Production	6-3/4	4-1/2	10.5#	948.59	"A"	100	

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				

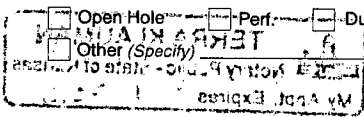
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	866-870/812-814/806-809	300gal 15%HCLw/ 25bbls 2%kcl water, 447bbls water w/ 2% KCL, Blockde, 9300# 20/40 sand	866-870/812-814
			806-809

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
		waiting on pipeline			
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

Production Interval



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

Operator	QUEST CHEROKEE		Well No.	17-1	Lease	SMITH			Loc.	1/4	1/4	1/4	Sec.	17	Twp.	27	Rge.	21					
			County	NEOSHO		State	KS		Type/Well			Depth	954'		Hours			Date Started	7/07/06		Date Completed	7/13/06	
Job No.	Casing Used		22'5" 8 5/8"		Bit Record				Coring Record														
Driller	Cement Used	4		Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.									
Driller	HONEYCUTT					6 3/4"																	
Driller	Rig No.	2																					
Driller	Hammer No.																						

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	4	OVERBURDEN	444	466	LIME (OSWEGO)	670	764	SAND (BARTLESVILLE)			
4	8	LIME	453		GAS TEST (LIGHT BLOW)	764	765	COAL			
8	16	SHALE	466	468	BLACK SHALE	729		GAS TEST (SAME)			
16	43	LIME	468	469	COAL (SUMMIT)	765	806	SANDY SHALE			
43	48	SHALE	469	471	BLACK SHALE	806	807	COAL (ROWE)			
48	68	SAND	471	475	LIME	807	812	SHALE			
68	79	SHALE	475	476	BLACK SHALE	812	813	COAL (NEUTRAL)			
79	85	LIME	476	477	COAL (MULKEY)	813	866	SHALE			
85	94	SHALE	477	478	BLACK SHALE	866	868	COAL (RIVERTON)			
94	123	LIME	478		GAS TEST (SAME)	868	872	SHALE			
123	124	COAL	478	501	SAND	870		GAS TEST (SAME)			
124	134	SHALE	501	548	SANDY SHALE	872	954	LIME (MISSISSIPPI)			
134	154	LIME	548	557	BLACK SHALE						
154	156	SHALE	557	558	COAL (BEVIER)						
156	173	LIME	558	579	SHALE			T.D. 954'			
173	175	COAL	579	583	LIME (VERDIGRIS)						
175	247	SHALE	583	584	BLACK SHALE						
247	251	BLACK SHALE	584	585	COAL (CROWBERG)						
251	273	SANDY SHALE	585	586	BLACK SHALE						
273	293	LIME	586	616	SAND						
293	314	SAND	616	617	COAL						
314	320	SHALE	617	630	SHALE						
320	334	SAND (WET)	630	631	LIMEY BLACK SAND						
334	346	SHALE	631	637	SHALE						
346	351	LIME	637	643	LIME						
351	352	COAL	643	654	SAND						
352	353	SHALE	654	659	SHALE						
353	401	LIME	659	664	SANDY SHALE						
401	403	BLACK SHALE	664	665	COAL						
403	443	SHALE	665	669	SAND						
443	444	COAL	669	670	BLACK SHALE						

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

TICKET NUMBER 1651

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

FOREMAN Joe

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-24-06	Smith Joseph 17-1	17	27	21	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe B	2:45	6:00		903427		3.25	<i>[Signature]</i>
Tim A	2:45	6:00		903255		3.25	<i>[Signature]</i>
MAVERICK D	12:00	5:30		903230		5.5	<i>[Signature]</i>
DAVID C	2:45	6:00		903140	932452	3.25	<i>[Signature]</i>
Tray W	2:45	5:45		903106		3	<i>[Signature]</i>
Russell A	2:45	5:00		extra		2.25	<i>[Signature]</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 954 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 948.59 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 15.12 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

RAW 2 SKS gel swept to surface. Installed cement head RAW 1 SK gel & 8 bbl dye & 100 SKS of cement to get dye to surface  
Flush pump. Pump wiper plug to bottom of set float shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	948.59	Ft 4 1/2 Casing	
	5	Centralizers	
903139	2 hr	Casing trailer	
T28	2 hr	Casing tractor	
903427	3.25 hr	Foreman Pickup	
903255	3.25 hr	Cement Pump Truck	
903230	5.5 hr	Bulk Truck	
1104	95 SK	Portland Cement	
1124		50/50 POZ Blend Cement	
1126	1	OWC Blend Cement 4 1/2 wiper plug	
1110	10 SK	Gilsonite	
1107	1 SK	Flo-Seal	
1118	3 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	2 SK	Sodium Silicate Calchloride	
1123	7000 gal	City Water	
903140	3.25 hr	Transport Truck	
932452	3.25 hr	Transport Trailer	
903106	3 hr	80 Vac	
Ravin 4513	1	4 1/2 Float shoe	

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