

CONFIDENTIAL

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

4/11/08

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: TXD  
License: 33837  
Wellsite Geologist: Ken Recco

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APR 11 2008  
KGC

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. \_\_\_\_\_

12-15-07	1-2-08	1-3-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27219-0000  
County: Neosho  
SW NE Sec. 20 Twp. 28 S. R. 19  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: Stich, William A. Well #: 20-5  
Field Name: Cherokee Basin CBM

Producing Formation: Multiple  
Elevation: Ground: 910 Kelly Bushing: n/a  
Total Depth: 994 Plug Back Total Depth: 983  
Amount of Surface Pipe Set and Cemented at 20 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 983  
feet depth to surface w/ 125 sx cmt.

Drilling Fluid Management Plan AK IJMS 6-12-07  
(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: 4/11/08  
Subscribed and sworn to before me this 11<sup>th</sup> day of April,  
2008.  
Notary Public: Dorra Klauman  
Date Commission Expires: 8-4-2010

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

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_ **RECEIVED**  
 Wireline Log Received **KANSAS CORPORATION COMMISSION**  
 Geologist Report Received **APR 14 2008**  
 UIC Distribution

**CONSERVATION DIVISION**  
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Stich, William A. Well #: 20-5  
 Sec. 20 Twp. 28 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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input 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>	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum  Name <span style="float:right">Top <span style="float:right">Datum</span></span> 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"	22	20	"A"	5	
Production	6-3/4	4-1/2	10.5	983	"A"	125	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	864-867/812-814/806-808	500gal 15%HCLw/ 50bbls 2%kcl water, 607bbls water w/ 2% KCL, Blockde, 5000# 20/40 sand	864-867/812-814  806-808
4	705-707/658-660/618-620	400gal 15%HCLw/ 52bbls 2%kcl water, 321bbls water w/ 2% KCL, Blockde, 2700# 20/40 sand	705-707/658-660  618-620
4	454-458/442-446	400gal 15%HCLw/ 46bbls 2%kcl water, 628bbls water w/ 2% KCL, Blockde, 6000# 20/40 sand	454-458/442-446

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>907</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <b>3-10-08</b>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>
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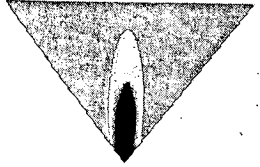
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>14.6 mcf</u>	Water Bbls. <u>34.2 bbls</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas METHOD OF COMPLETION Production Interval

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

# QUEST

Resource Corporation



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

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APR 11 2008

KCC

TICKET NUMBER 4310

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

FOREMAN \_\_\_\_\_

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-3-08	Stich William 20-5	20	28	19	NO

FOREMAN /- OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	7:00	10:30		903427		3.5	<i>Joe Blount</i>
Tim	6:45			903255		3.75	<i>Tim</i>
Tyler	7:00			903600		3.5	<i>Tyler</i>
NO DRIVER				903140	932452		
Daniel	6:30	↓		931420		3.75	<i>Daniel</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 992 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 983.54 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 15.68 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Installed cement head RAW 2 SKS gel & 9 bbl dye & 1 SK gel & 125 SKS of cement to get dye to surface. flush pump. Pump wiper plug to bottom of cement shoe.

(Cement to Surface)

983.54	FT 4 1/2 Casing
5	Centralizers
1	4 1/2 Float shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
90437	3.5 hr	Foreman Pickup	
90255	3.75 hr	Cement Pump Truck	
903600	3.5 hr	Bulk Truck	
1104	110 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement	
1126	1	OWC - Blend Cement	
1110	25 SK	Gilsonite	
1107	1 SK	Flo-Seal	
1118	11 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate	
1123	7000 gal	City Water	
903140	3.5 hr	Transport Truck	
932452	3.5 hr	Transport Trailer	
903420	3.75 hr	80 Vac	

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**TXD SERVICES**

**DRILLERS LOG**

**TXD SERVICES**

<b>RIG #</b>	101	<b>S.</b>	20	<b>T.</b>	28	<b>R.</b>	19	<b>GAS TESTS:</b>		
<b>API #</b>	133-27219	<b>County:</b>		Neosho				343'	18 - 3/4"	60.2
<b>Elev.:</b>	910'	<b>Location:</b>		Kansas				405'	19 - 3/4"	61.9
<b>Operator:</b> Quest Cherokee LLC								435'	19 - 3/4"	61.9
<b>Address</b> 9520 N. May Ave., Suite 300								467'	19 - 3/4"	61.9
Oklahoma City, OK. 73120								560'	7 - 3/4"	37.4
<b>WELL #</b>	20-5	<b>Lease Name:</b>		Stich, William A.				622'	7 - 3/4"	37.4
<b>Footage location</b>		1980 ft. from the		N	line			715'	7 - 3/4"	37.4
		1980 ft. from the		E	line			870'	7 - 3/4"	37.4
<b>Drilling Contractor:</b> TXD SERVICES LP								901'/mississ	7 - 3/4"	37.4
<b>Spud Date:</b> 12-15-07		<b>Geologist:</b>						994'	22 - 1"	121
<b>Date Comp:</b> 1-2-08		<b>Total Depth:</b>		994'						
<b>Exact Spot Location</b>		SW SE								

<b>Casing Record</b>			<b>Rig Time</b>		
	Surface	Production			
Size Hole	12-1/4"	6-3/4"			
Size Casing	8-5/8"	4-1/2"			
Weight	24#	10-1/2#			
Setting Depth	22'				
Type Cement					
Sacks					

**WELL LOG**

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	1	coal	263	276	shale	608	620
clay/lime	1	22	shale	276	333	coal	620	621
lime	22	45	coal	333	337	shale	621	640
shale	45	58	shale	337	338	sand	640	665
lime	58	60	lime	338	375	shale	665	694
shale	60	75	coal	375	378	coal	694	695
lime	75	89	shale	378	390	oil sand	695	705
shale	89	104	lime	390	400	shale	705	707
lime	104	123	shale	400	419	coal	707	708
shale	123	124	coal	419	420	shale	708	713
b.shale	124	126	lime	420	447	coal	713	714
shale	126	143	b.shale	447	449	shale	714	736
lime	143	171	lime	449	459	sand	736	757
shale	171	173	coal	459	460	shale	757	775
b.shale	173	175	shale	460	471	sand/shale	775	780
shale	175	189	sand	471	500	shale	780	825
lime	189	192	shale	500	537	coal	825	829
shale	192	235	coal	537	538	shale	829	860
lime	235	244	shale	538	560	sand	860	866
shale	244	249	sand	560	585	shale	866	870
lime	249	260	shale	585	605	coal	870	872
shale	260	263	coal	605	606	shale	872	881

Comments: 440' added water, 640-665' odor

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WELL LOG								
			Stch: 20-5			pg 2		
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
b.shale	881	882						
shale	882	887						
mississippi	887	994						

Comments:

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