

*Handwritten signature/initials*

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. Smith  
Phone: ( 620 ) 431-9500  
Contractor: Name: L&S  
License: 33374  
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. \_\_\_\_\_

7/1/08	7/9/08	7/11/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-27478-0000  
County: Neosho  
SW SE SE NE Sec. 1 Twp. 30 S. R. 18  East  West  
2800 2780 feet from S / N (circle one) Line of Section  
525 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Kramer SWD Well #: 1-1  
Field Name: Cherokee Basin CBM

Producing Formation: n/a  
Elevation: Ground: 952 Kelly Bushing: n/a  
Total Depth: 1608 Plug Back Total Depth: 1598  
Amount of Surface Pipe Set and Cemented at 23 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1598  
feet depth to surface w/ 190 sx crnt.

*Handwritten note:* AITZ-Dlg - 1/29/09

Drilling Fluid Management Plan  
(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. Smith  
Title: New Well Development Coordinator Date: 12/18/08  
Subscribed and sworn to before me this 18th day of December,  
20 08.  
Notary Public: Denise V. Venneman  
Date Commission Expires: \_\_\_\_\_



DENISE V. VENNEMAN  
MY COMMISSION EXPIRES  
July 1, 2012

**KCC Office Use ONLY**

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

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CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Kramer SWD Well #: 1-1  
 Sec. 1 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E. Logs Run:

**Compensated Density Neutron Log**  
**Dual Induction 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	12-1/4	8-5/8"	22	23	"A"	6	
Production	7-7/8	5-1/2	16	1598	"A"	190	

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
	n/a		

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. waiting on pipeline		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 **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

DATE: 7/10/08

L & S Well Service

**Geology Brief - Data taken from Driller's Log & Compensated Density Log**

<b>WELL NAME:</b>	Kramer SWD	<b>SECTION:</b>	1	<b>REPORT #:</b>		<b>SPUD DATE:</b>	7/1/2008
<b>WELL #:</b>	1-1	<b>TWP:</b>	30S	<b>DEPTH:</b>	1608		
<b>FIELD:</b>	Cherokee Basin	<b>RANGE:</b>	18E	<b>PBTD:</b>			
<b>COUNTY:</b>	Neosho	<b>ELEVATION:</b>	952	<b>FOOTAGE:</b>	2780	<b>FT FROM</b>	South
<b>STATE:</b>	Kansas	<b>API #:</b>	15-133-27478-0000		525	<b>FT FROM</b>	East
							SECTION LINE
							SECTION LINE
							SW SE SE NE

**ACTIVITY DESCRIPTION:**

L & S Well Service, Dustin Hirrlinger, drilled to TD 1608 ft. on Wednesday, 7/9/08 at 3:00 p.m.

Note: 10 foot Rock Samples collected for KGS.

Surface Casing @ 23.0 ft. This is a Salt Water Disposal Well.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log thru 744.00 ft.	COMMENTS:
Mulberry Coal	0 mcf/day @	395-398 FT.	Gas check at 405 ft.
Lexington Shale and Coal	0 mcf/day @	430-433 FT.	Gas check at 435 ft. Slight blow.
Summit Shale & Coal	0 mcf/day @	497-503 FT.	
Mulky Shale & Coal	9 mcf/day @	509-514 FT.	9 mcf/day from this area. Gas check at 510 ft.
Mulky Shale & Coal	14 mcf/day @	509-514 FT.	5 mcf/day from this area. Gas check at 525 ft.
Bevier Coal	14 mcf/day @	596-600 FT.	
Verdigris Limestone	14 mcf/day @	614-616 FT.	No baffles set.
Croweburg Coal & Shale	14 mcf/day @	616-620 FT.	
Fleming Coal	14 mcf/day @	630-633 FT.	Gas check at 646 & 676 ft.
Weir Coal	14 mcf/day @	Bridge @ 744 FT.	
Bartlesville Sand	14 mcf/day @	poorly developed* FT.	
Rowe Coal	14 mcf/day @	879-881* FT.	
Neutral Coal	15 mcf/day @	885-886* FT.	1 mcf/day from this area. Gas check at 886 ft.
Riverton Coal	15 mcf/day @	939-941* FT.	Gas check at 946 ft.
Mississippi	15 mcf/day @	948-1232* FT.	Wet: 976 ft.
Northview Shale	mcf/day @	1232-1248* FT.	Too much water to test gas.
Compton Limestone	mcf/day @	1248-1262* FT.	
Chattanooga Shale	mcf/day @	1262-1267* FT.	Twisted off 07/02/08 at 1337 ft. - 14 joints pipe, etc. in hole.
Arbuckle Dolomite	mcf/day @	Top at 1267* FT.	Recovered pipe, hammer 07/09/08, resumed drilling.
TD: 1608 ft.	mcf/day @		Water Samples collected every 75 ft. from 976 ft. to TD.
*Driller's info only.			Rock Samples collected as possible. Pits full.

Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD.

This water pressure may cause the Gas coming into the hole to be sporadic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of 5.5 inch Pipe / Tally Sheet: TBD.

July 09, 2008 Bottom Logger: 743.90 ft. @ Bridge. Driller TD: 1608 ft.

Shoe & Centralizer Set on bottom joint at TD 1608 ft. & Centralizers Set every 5 joints to surface.

**OTHER COMMENTS:**

Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens & the Compensated Density Log only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal log correlation. Detailed work with logs may provide more accurate data for reservoir analysis. Below Zones fyi only.

Pawnee LS / Pink	398-430
Stray Black Shale / Coal	438-440
Oswego Coal	468-470
Oswego Limestone	470-497
Mineral Coal	655-659
Scammon Coal	671-677
Tebo Coal	722-726

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**CASING RECOMMENDATIONS:** Run 5.5 inch casing / Cement to surface. Run Cased Hole Logs.

**On Site Representative:** Ken Recoy, Senior Geologist, CPG #4630 & #5927 Cell: (620) 305-9900 krecoy@grcp.net

**End of Drilling Report. Thank You!**

# QUEST

Resource Corporation

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

TICKET NUMBER **6772**

FIELD TICKET REF #

FOREMAN Joe

SSI 628290

API 15-133-27478

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
7-11-8	KRAMER SWD 1-1		1	30	18	NO	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	12:30	5:30		903427		5	Joe Blackburn
TIM		5:00		903255		4.5	Tim Myers
Tyler		5:45		903600		5.25	
Daniel		5:30		904735		5	Daniel
MALPICK		8:00		903140	932452	<del>5</del> 7.5	120

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1608 CASING SIZE & WEIGHT 5 1/2 14#  
 CASING DEPTH 1598 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 38.04 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

INSTALLED Cement head pumped 1500 pds of gel & 2 SKS of cotton sand balls to seal off Arbuckle & get circulation. Pumped 190 SKS of cement to get cement to surface. Flush pump. Pump wiper plug to bottom & set float shoe.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	1	Foreman Pickup	
903255	1	Cement Pump Truck	
903600	1	Bulk Truck	
903140	1	Transport Truck	
932452	1	Transport Trailer	
904735	1	80 Vac	
	1598	Casing 5 1/2	
	7	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	0	Frac Baffles	
	150 SK	Portland Cement	
	38 SK	Gilsonite	
	2 SK	Flo-Seal	
	45 SK	Premium Gel	
	4 SK	Cal Chloride	
	1 gal	KCL	
	900 gal	City Water	

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