

12404/09

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**  
Form ACO-1  
September 1999  
Form Must Be Typed

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: L S Well Service  
License: 33374  
Wellsite Geologist: Ken Recoy

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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  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>8/6/07</u>	<u>8/24/07</u>	<u>8/13/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 019-26820-0000  
County: Chautauqua  
\_\_\_\_\_nw\_\_\_\_se\_\_\_\_sw Sec. 17 Twp. 33 S. R. 13  East  West  
1272 feet from S N (circle one) Line of Section  
1915 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Aiken-Kline SWD Well #: 17-2  
Field Name: Cherokee Basin CBM

Producing Formation: n/a  
Elevation: Ground: 971 Kelly Bushing: n/a  
Total Depth: 2424 Plug Back Total Depth: 2106.53  
Amount of Surface Pipe Set and Cemented at 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 2106.53  
feet depth to surface \_\_\_\_\_ w/ 265 \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** SWP N 532408  
(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: 12/4/07

Subscribed and sworn to before me this 4<sup>th</sup> day of Dec,  
20 07.

Notary Public: Denise V. Venneman  
Date Commission Expires: \_\_\_\_\_  
DENISE V. VENNEMAN  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 7-1-08

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
\_\_\_\_\_  
 UIC Distribution **DEC 05 2007**  
copy to UIC **CONSERVATION DIVISION**  
**WICHITA, KS**

Operator Name: Quest Cherokee, LLC Lease Name: Aiken-Kline SWD Well #: 17-2  
 Sec. 17 Twp. 33 S. R. 13  East  West County: Chautauqua

**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 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 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"	22	42	"A"	5	
Production	7-7/8	5-1/2	15.5	2106.53	"A"	265	

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth
n/a				

TUBING RECORD		Size Set At	Packer At	Liner Run
2-7/8		2081	2081	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
9/17/07		<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	n/a	n/a	

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) \_\_\_\_\_

CONSOLIDATED OIL WELL SERVb  
 P.O. BOX 884, CHANUTE, KS 6672  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 09740  
 LOCATION Burdette  
 FOREMAN Lee

PO # 18205

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
13-07		Alkier-Kline SWD #172	17	33	13	CO
CUSTOMER			TRUCK #		DRIVER	
MAILING ADDRESS			418		Bell	
CITY			415		Richard	
STATE			415		Tuba	
ZIP CODE						

JOB TYPE LS HOLE SIZE 11 1/2 HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 12  
 CASING DEPTH 2105 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13 1/2 SLURRY VOL 442.5 WATER gal/sk 6.8 CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 50 DISPLACEMENT PSI 1100 MIX PSI 00 RATE 4.5-50

REMARKS: Completed cement job in well.

ACCOUNT CODE	QUANTITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
1107		PUMP CHARGE		240.00
1111	55	MILEAGE		181.50
1102	2105	Footage		328.90
1109		Rent Truck		28.50
1106	57882	Transport		1000.00
1171	26 Cts	OWC cement		4081.00
1102A	120#	Phen Seal		126.00
110	7200#	Cement		624.00
1108	150#	Gal		22.50
1123	14000.1	City Water		109.20
RECEIVED KANSAS CORPORATION COMMISSION				
DEC 05 2007				
CONSERVATION DIVISION WICHITA, KS				
SALES TAX				317.06
ESTIMATED TOTAL				12935.11

IZATION Region Lee TITLE Cement Supervisor DATE 8/13/07

SUMMARY

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Run & Cement Longstring - Notified Becke @ KCC Office - 8/13/07@10:30 am/pm

Case

7:30 Faith / C&C / G&J / Quest rig on location and rigged up **Bus Jones Rig**  
9:00 Casing Trailer On Location  
9:30 Faith / C&C / G&J / Quest - TIH with 2105.53' ft of casing  
9:30 QCOS on location and rigged up  
11:45 Faith / C&C / G&J / Quest - hit fill approx. 30 ' from T.D.  
2:56 QCOS wash casing to T.D. and circulate 3 sks gel to surface

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2:45 Faith / C&C / G&J / Quest - landed casing  
3:00 Faith / C&C / G&J / Quest - rigged down and moved off location  
3:15 QCOS - pump - Circulate with fresh water, run 0 bbls dye cement until dye returns  
 flush pump, pump plug with KCL water, set float shoe

4:00 QCOS rigged down and off location

CEMENT SUMMARY:

*Portland*  
 Cement: 265 SK With additives 305 SKs  
 Cement Blend: 5# gilsonite and 1/4# flo-seal, straight cement, 2% cal chloride  
 Cement Slurry Weig 13.9  
 Average Surface Pressure:  
 Running cement circulation pressure: 300  
 Pumping plug circulation pressure: 400 - 1500  
 Circulation during job: Fail to pass

WELL/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 7 7/8" x 2124  
 Casing Size & Depth: New 4-1/2" x 10.5# per/ft Rge3 - plus shoe 2106.53  
 Centralizer 1104  
230 Centralizer 1301  
460 Centralizer 1496 1679  
690 Centralizer 1872  
912 Centralizer 2066  
 4-1/2" Float Shoe Flapper Type & 4-1/2" wiper Plug.

Well Locations

NA  
NA

Jason Cooper 918-331-6873

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WICHITA, KS

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, Kansas 67335  
620-328-4433

Drill Log  
Quest Cherokee, LLC

Aiken-Kline SWD #17-2  
S17, T33, R13E  
Chautauqua Co, KS  
API#019-26820-00000  
PO#

0-1 Dirt  
1-3 Lime  
3-5 Clay  
5-140 Shale  
140-145 Lime  
145-152 Sandy Shale  
152-230 Shale  
230-380 Sandy Shale  
380-390 Lime  
390-496 Sandy Shale  
496-530 Sand  
530-548 Sandy Shale  
548-650 Shale  
650-730 Sand  
730-766 Shale  
766-790 Sand  
790-810 Sandy Shale  
810-880 Shale  
880-896 Lime  
896-901 Black Shale  
901-926 Shale  
926-940 Sandy Shale  
940-1016 Shale  
1016-1025 Lime  
1025-1050 Sandy Shale  
1050-1071 Shale  
1071-1088 Lime  
1088-1097 Sandy Lime  
1097-1101 Shale  
1101-1110 Lime  
1110-1128 Sandy Shale  
1128-1147 Sand Odor  
1147-1218 Sandy Shale  
1218-1242 Lime Pink  
1242-1247 Black Shale  
1247-1310 Shale  
1310-1341 Lime Oswego  
1341-1346 Black Shale  
1346-1357 Lime  
1357-1363 Black Shale  
1363-1373 Lime  
1373-1391 Sandy Shale  
1391-1410 Shale  
1410-1411 Coal  
1411-1467 Shale  
1467-1477 Sandy Shale  
1477-1480 Shale  
1480-1540 Sand  
1540-1610 Sandy Shale  
1610-1670 Shale  
1670-1672 Black Shale

08/06/07 Drilled 11" hole and set  
42.5' of 8 5/8" surface casing  
Set with 12 sacks Portland cement

08/07/07 Started drilling 7-7/8" hole

08/10/07 Finished drilling to  
T.D. 2119'

556 0  
916 0 too much water  
1247 0 too much water

Water at 405'

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Drill Log  
Quest Cherokee, LLC

Aiken-Kline SWD #17-2  
S17, T33, R13E  
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API#019-26820-00000  
PO#

1672-1733 Shale  
1733-2030 Lime Mississippi  
2030-2049 Green Shale  
2049-2075 Lime  
2075-2081 Black Shale  
2081-2119 Lime

T.D. 2119'

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L S Well Service, LLC #33374  
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Drill Log  
Quest Cherokee, LLC

Aiken-Kline SWD Drill Out  
S17, T33, R13E  
Chautauqua Co, KS  
API#019-26820-00000  
PO#

2100 Hit  
Float Shoe  
2119 New Hole  
T.D. 2424'

8/23/07 Start drill out in 5-1/2" pipe  
with 4-3/4" bit

8/24/07 Finished drill out at  
T.D. 2424'

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