Removing Scale-Forming Cations from Produced Waters—Electronic Supplemental Information

Karen Shafer-Peltier^a, Colton Kenner^b, Eric Albertson^c, Ming Chen^{a,b}, Stephen Randtke^b, Edward Peltier^{b,*}

^a University of Kansas, Tertiary Oil Recovery Program, 1530 W. 15th St., Lawrence, KS 66045, United States

^b University of Kansas, Department of Civil, Environmental, and Architectural Engineering, 1530 W. 15th St., Lawrence, KS 66045, United States

^c University of Kansas, Department of Chemical and Petroleum Engineering, 1530 W. 15th St., Lawrence, KS 66045, United States

*Corresponding author: Edward Peltier, Tel: +1 785 864 2941, E-mail address: epeltier@ku.edu



Figure 1. Barium and strontium removal from DC brine by polymer addition versus time



Figure 2. Barium and strontium removal from DC brine by sulfate addition versus time



Figure 3. Barium and strontium removal from DC brine versus polymer molecular weight/concentration