



Plate 1. Geophysical (SP and resistivity) logs for wells in this study. Lines drawn at the Buckner-Smackover contact. Resistivity values in the Paup Spur and Walker Creek wells indicate the base of the Buckner is likely shale-dominated while the Buckner in the Midway, McNeil East, Kress City SE, and Mt. Vernon wells has significant amounts of anhydrite.