Fracture Pressure and Fracture Gradient

The fracture gradient applied in the model was 0.7 psi/ft. This will be refined using minifrac and/or dipole sonic data collected in the STW. Zulqarnain et al. (2017) applied a fracture gradient of 0.8 psi/ft in their simulation model where they studied CO_2 sequestration near the Louisiana chemical corridor. Therefore, 0.7 psi/ft is a conservative estimate that would help avoid overestimating maximum allowable injection rates.