

# HYPOTHETICAL FRACTURE SCENARIO 1: Casing Shoe Strength Overcome (Failure Not Confined to Uncased Open Borehole)

Stage 1:  
Fracture or Cement leak at Casing Shoe starts while drilling

15.0 lb/gal Equivalent Circulating Mud

14.5 lb/gal Mud



MUD TANK

Max Equivalent Mud Weight that can be supported by well is determined by the Fracture Pressure Gradient

