

HYPOTHETICAL FRACTURE SCENARIO 2: Weak Zone Below the Casing Shoe (Failure Confined to Uncased Open Borehole)

Stage 2:
Fracture in Weak Zone SAND C
propagates

Static Mud Weight 14.5 lb/gal



MUD TANK

OPTIONS:

- Reduce ECD (Dynamic Mud Weight)
- Use Wellbore Strengthening Treatment to Increase Fracture Gradient of Weak Sand to that of Shale Above

(See Typical Loss Circulation Decision Tree)

