Scenario #3:
HC flow is up 9.7/8" casing (and possibly annulus as well) dominant mud flow though failed 16" rupture discs

- HC are flowing through 9.7/8" casing and possibly also through the 9.7/8" x 16" annulus.
- The casing hanger has lifted off its seat due to temperature and/or pressure and one or more rupture discs in the 16" casing failed during the initial event.
- Mud flow is down the casing and back up the drill pipe, and also down the 9.7/8" x 16" annulus. Because the annular flow path is open to the formation, this limits the maximum pressure that can be applied and

annular flow path is open to the formation, this limits the maximum