Affixing the capping stack to casing that is bent at an angle, egged, lipped, eroded or split may be difficult. The rig may have to lower the stack over the casing stub, then winch over on its anchor lines, or move using its DP system, to achieve the proper angle to allow the stack to slip completely over the stub. In this scenario, there would have to be some surface sealing device such as an annular preventer or rotating head to prevent oil or gas from reaching the rig floor.

It is recognized that this will probably be applicable only in certain low pressure situations. The wellhead components must be small and light enough for the casing stub to support its weight without further damaging the pipe.