

CAMFRAC

Isolation system

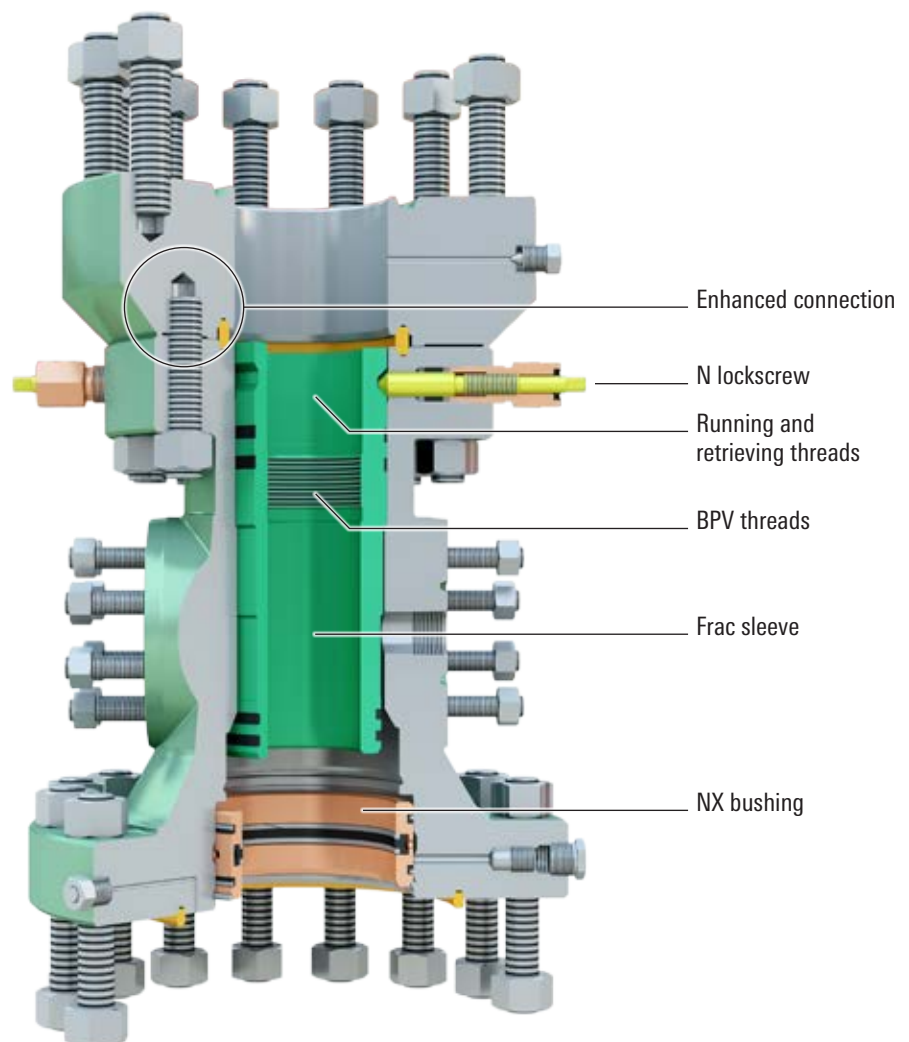
FEATURES

- Enhanced connection technology allows fracturing operations up to 10,000 psi using 5,000-psi rated tubing spools, and up to 15,000 psi using 10,000-psi rated tubing spools
- Solid, single-piece design — easy to install, easy to retrieve; isolates flange neck, side outlets and internal bowl from frac pressure
- Lockscrew hold down — simple and reliable
- Ease of use — does not require interface with secondary seal bushing; quickly installs through a 7¹/₁₆-in tree, eliminating the need to kill well
- Type “H” or latch-type BPV prep — eliminates the need for wireline unit
- Full opening — to both 4¹/₂-in and 5¹/₂-in production casings

The CAMFRAC* isolation system is an innovative design that accommodates frac fluid pressure in excess of the upper flange and outlet pressure ratings of a type “C” tubing spool. The frac sleeve protects the bore of the spool from high pressure and erosion, while the enhanced connection[†] allows for frac pressure of 10,000 psi using 5,000-psi rated tubing spools, and 15,000 psi using 10,000-psi rated tubing spools. This system is available for 7¹/₁₆-in nominal Type “C” tubing spool profiles.

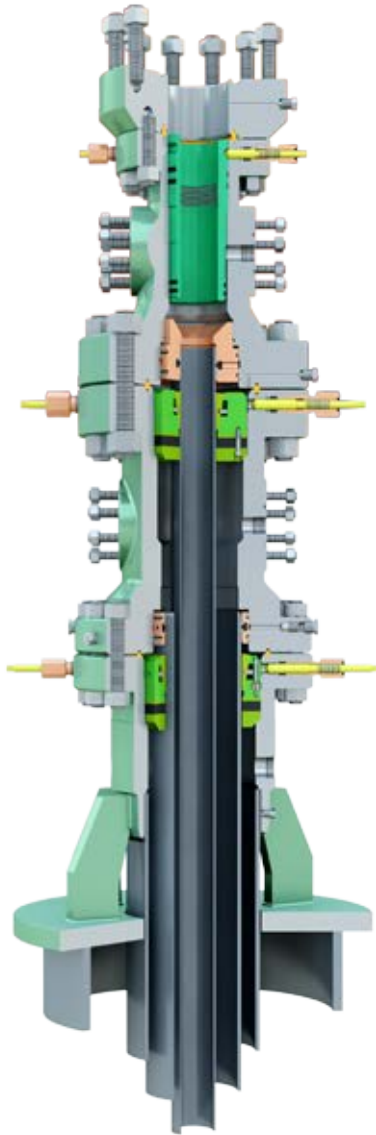
This versatile frac isolation system is safer, faster, and more efficient than other solutions. It eliminates the need for wellhead isolation tool services, associated crane, excess equipment, and on-site service technicians.

[†] Patent pending

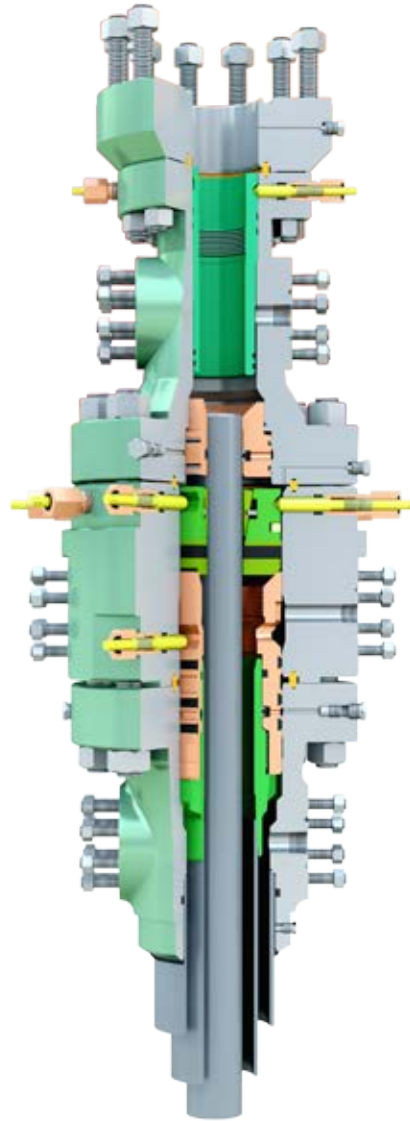


CAMFRAC isolation system

System options



*Conventional wellhead system
with CAMFRAC isolation system*



*Multibowl wellhead system
with CAMFRAC isolation system*

cameron.slb.com/CAMFRAC