

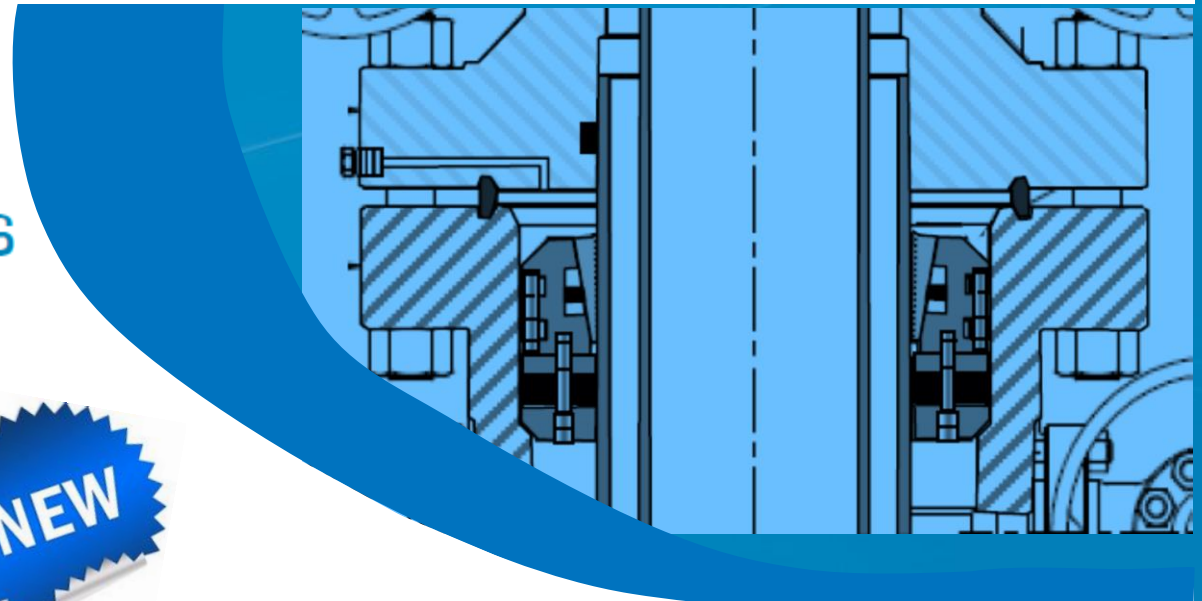


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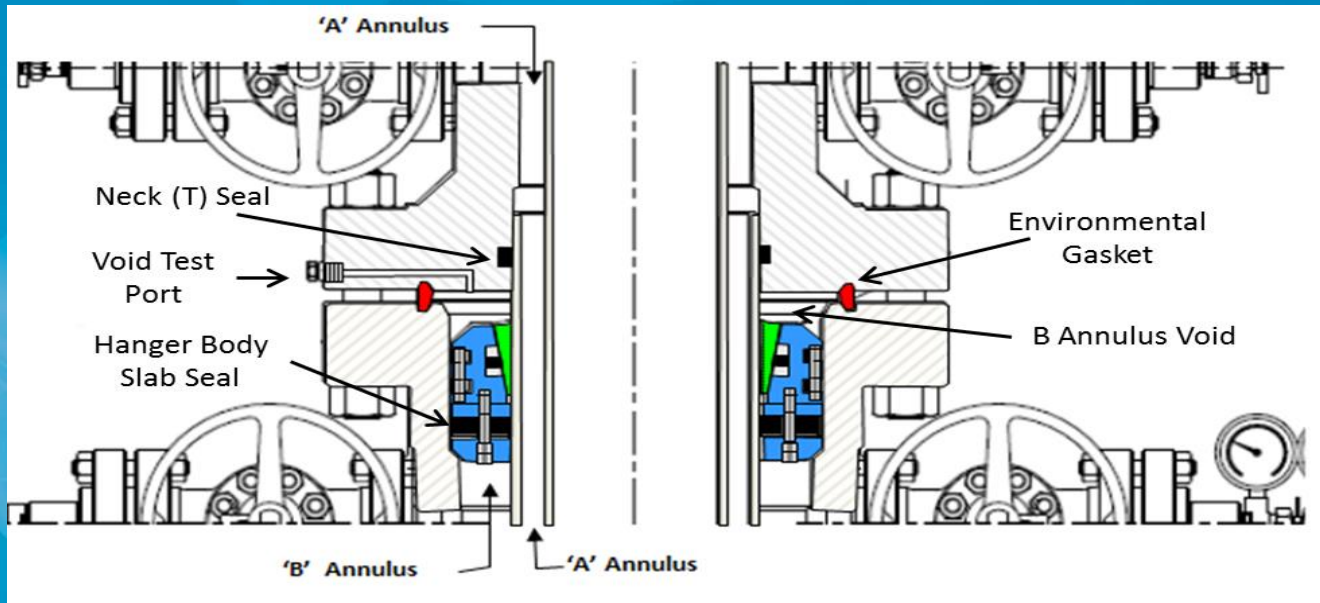


MS-Sealant Leak Sealing Solution



*“Successful Casing Hanger
Isolation with MS-Sealant”*

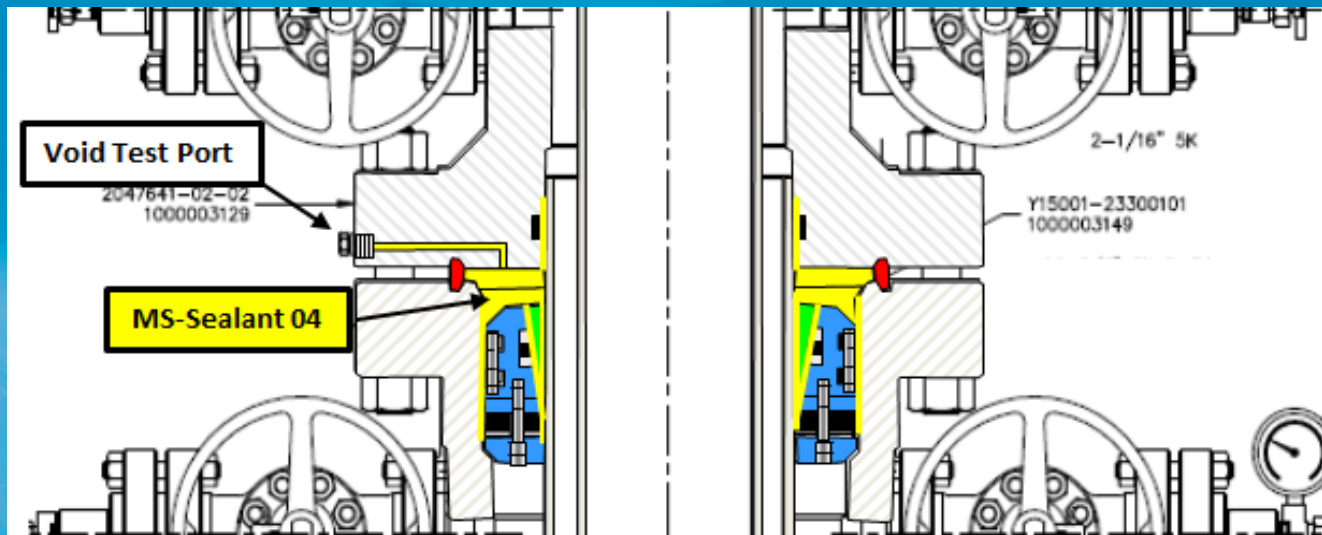
Casing Hanger Isolation - MS-Sealant 04



Background

- ❑ KCI were asked by a major Oil and Gas producer to provide an isolation on a Cameron Wellhead.
- ❑ The leak was observed in the B-Annulus Casing Head Seal. An inflow test was conducted and B-Annulus pressure of 232psi was observed in void area.
- ❑ Inflow test using A-Annulus pressure of 821psi was successful confirming leak from the B-Annulus.
- ❑ This is a Gas Lifted Well and was Shut -In due to this Well Integrity issue.

Casing Hanger Isolation - MS-Sealant 04



Deployment Detail

- ❑ The B-Annulus Casing Head Seal was pressure tested & inflow tested to confirm the leak path.
- ❑ 2 litres of MS-Sealant 04 was deployed into the 9-5/8" Casing Hanger Void to establish the isolation.
- ❑ The MS-Sealant 04 was injected within 1 hour and left to cure over night under pressure.
- ❑ Once the MS-Sealant 04 had cured the 9-5/8" Casing Hanger Void was inflow tested using A & B Annuli pressure:-
 - ❑ An Inflow test using A-Annulus pressure of 812psi
 - ❑ An Inflow test using B-Annulus pressure of 362psi
- ❑ The isolation was successful. The well was safely brought back online.