

ABSTRACT**INSTALLATION OF AN EMERGENCY CASING SLIP HANGER AND ANNULAR
PACKOFF ASSEMBLY HAVING A METAL TO METAL SEALING SYSTEM
THROUGH THE BLOWOUT PREVENTER**

A casing slip hanger assembly (129) that is adapted to be installed in a wellhead (100) through a blowout preventer includes a slip bowl (130) that is adapted to be releasably coupled to and supported by a slip bowl protector (137) during installation of the casing slip hanger assembly (129) in a wellhead (100) through a blowout preventer, wherein the slip bowl (130) is further adapted to be positioned around a casing (110) in the wellhead (100) and landed on a support shoulder (102) of the wellhead (100), a plurality of slips (131) that are adapted to engage with and support the casing (110), and a plurality of first shear pins (132) releasably coupling the plurality of slips (131) to the slip bowl (130), wherein the plurality of first shear pins (132) are adapted to be sheared by a pressure thrust load that is imposed on the slip bowl protector (137) so as to drop the plurality of slips (131) into contact with an outside surface (110s) of the casing (110).

Figure 2B for publication