Claims

1. A system, comprising:

a running tool configured to install a seal assembly in an annular space between tubular wellhead components comprising a hanger and a casing spool, the running tool comprising:

a tool body removably coupleable to thea hanger;

a piston disposed annularly around the tool body and removably coupleable to the seal assembly;

a securing ring coupled to the tool body and configured to block axial movement of the piston relative to the tool body, the securing ring securing the hanger to the casing spool; and

a hydraulic port configured to direct hydraulic pressure into a sealed volume defined by the tool body, the piston, and the securing ring, wherein introduction of the hydraulic pressure actuates the piston to set the seal assembly.

2. The system of claim 1, wherein the running tool comprises one or more removable fasteners configured to hold the piston in place relative to the tool body.

3. The system of claim 1, comprising the seal assembly, wherein the seal assembly comprises:

a metal-to-metal seal comprising a first annular portion coaxial with a second annular portion and interfacing one another along respective frustoconical surfaces;

a first sleeve disposed on a first axial side of the metal-to-metal seal;

a second sleeve disposed on a second axial side of the metal-to-metal seal opposite from the first sleeve, wherein the first sleeve is responsive to the actuation of the piston to move axially toward the second sleeve to axially compress and radially expand the metal-to-metal seal into a set state relative to the tubular wellhead components; and

an elastomer seal separate from the metal-to-metal seal, wherein the elastomer seal is configured to provide sealing while setting the metal-to-metal seal.