Abstract

METHOD AND SYSTEM FOR
ONE-TRIP HANGER INSTALLATION

The disclosed embodiments include a one-trip tool configured to run a wellhead component into a wellhead, engage an internal coupling to lock the wellhead component in place, over-pull the wellhead component to ensure the internal coupling was properly engaged, and cement the wellhead component in place within the wellhead. One-trip tool comprises: an upper tool portion (40); a lower tool portion (42) coupled to the upper tool portion, wherein the upper tool portion is axially moveable with respect to the lower tool portion; and an energizing sleeve (44) coupled to the upper tool portion, wherein the energizing sleeve is axially fixed with respect to the upper tool portion; said tool configured to permit engaging a coupling to secure the tubular within a wellhead by downward axial movement of the energizing sleeve via rotation of the upper tool portion with respect to the lower tool portion in the first direction; and un coupling the one-trip tool from the tubular via rotation of the one-trip tool with respect to the tubular in a second direction opposite the first direction.

Figure 3