

HANGER SYSTEM

BACKGROUND

[0001] This section is intended to introduce the reader to various aspects of art that may be related to various aspects of the present invention, which are described and/or claimed below. This discussion is believed to be helpful in providing the reader with background information to facilitate a better understanding of the various aspects of the present invention. Accordingly, it should be understood that these statements are to be read in this light, and not as admissions of prior art.

[0002] In some drilling and production systems, hangers, such as a tubing hanger, may be used to suspend strings of tubing for various flows in and out of a well. Such hangers may be disposed within a wellhead that supports both the hanger and the string. For example, a tubing hanger may be lowered into a wellhead and supported therein.

SUMMARY

[0002A] According to a first aspect, there is provided a system, including: a hanger system configured to support a tubular, including: a hanger body with first and second axial sides, and an aperture extending between the first and second axial sides, wherein the hanger body is configured to receive the tubular through the aperture; a first retaining ring configured to couple to the tubular; and a first support ring configured to couple to the first axial side of the hanger body and radially energize the first retaining ring.

[0002B] According to a second aspect, there is provided a system, including: a mineral extraction system, including: a spool configured to receive a tubular; a hanger system configured to support the tubular within the spool, including: a hanger body with first and second axial sides, and an aperture extending between the first and second axial sides, wherein the hanger body is configured to receive the tubular through the aperture; a first retaining ring configured to couple to the tubular; a first seal configured to couple to the tubular; and a first support ring configured to couple to the first axial side of the hanger body and radially energize the first retaining ring and the first seal.

[0002C] According to a third aspect, there is provided a method, including: coupling a first support ring of a hanger system to a first side of a hanger body; moving the first support ring axially; and coupling a first seal and a first retaining ring of the hanger system to a tubular using axial movement of the first support ring.

BRIEF DESCRIPTION OF THE DRAWINGS

[0003] Various features, aspects, and advantages of the present invention will become better understood when the following detailed description is read with reference to the accompanying figures in which like characters represent like parts throughout the figures, wherein:

[0004] FIG. 1 is a block diagram of an embodiment of a mineral extraction system with a hanger system;

[0005] FIG. 2 is a cross-sectional view of an embodiment of a hanger system;

[0006] FIG. 3 is a partial sectional view of an embodiment of an unenergized hanger system;

[0007] FIG. 4 is a partial sectional view of an embodiment of an energized hanger system within line 3-3 of FIG. 2; and

[0008] FIG. 5 is a cross-sectional view of an embodiment of a hanger system.