

Claims

What is claimed is:

1. An assembly comprising:
 - an expandable liner hanger that is expandable by a running tool prior to a completion operation in a wellbore; and
 - a circulating sleeve that is manipulatable by the running tool to provide a return path internal to the expandable liner hanger for fluid for the completion operation that is performed subsequent to releasing the running tool from the expandable liner hanger.
2. The assembly of claim 1, wherein the circulating sleeve includes:
 - a circulating housing defining at least one port for providing fluid communication between the return path and an annulus of the wellbore;
 - a profile extending from the circulating housing to an inner area defined by the assembly for coupling to a set-down weight feature;
 - an internal sleeve for controlling fluid communication between the inner area and the annulus through the at least one port; and
 - a shoulder for receiving the set-down weight feature subsequent to the completion operation.
3. The assembly of claim 2, wherein the completion operation is a cementing operation, wherein the assembly is couplable to a cementing assembly that includes:
 - a cementing valve shiftable to an open position for allowing cement to enter the annulus of the wellbore during the cementing operation;
 - a packer to isolate a zone in the wellbore for the cementing operation;
 - a ported bull nose; and
 - a shut-off collar between the packer and the ported bull nose.
4. The assembly of claim 3, wherein the running tool further comprises a cementing plug that is detachable from the running tool to be received by the cementing valve.

5. The assembly of claim 2, wherein the completion operation is a cementing operation, wherein the running tool further comprises a cementing plug that is detachable from the running tool to be received by a landing collar of a cementing assembly, the landing collar being positionable between the running tool and a ported bull nose of the cementing assembly.
6. The assembly of claim 1, wherein the assembly is usable with the running tool that includes a landing element positionable downhole to the expandable liner hanger for receiving a device to allow the expandable liner hanger to expand.
7. The assembly of claim 6, wherein the running tool includes a packoff to seal between the running tool and an inner diameter of a liner housing for the expandable liner hanger.
8. An apparatus comprising:
a running tool to run a liner hanger assembly in a wellbore;
the liner hanger assembly comprising:
an expandable liner hanger that is expandable by the running tool prior to a completion operation in a wellbore; and
a circulating sleeve that is manipulatable by the running tool to provide a return path internal to the expandable liner hanger for fluid for the completion operation that is performed subsequent to releasing the running tool from the expandable liner hanger; and
a completion assembly couplable to the liner hanger assembly.
9. The apparatus of claim 8, wherein the circulating sleeve includes:
a circulating housing defining at least one port for providing fluid communication between the return path and an annulus of a wellbore;
a profile extending from the circulating housing to an inner area defined by the liner hanger assembly for coupling to a set-down weight feature;
an internal sleeve for controlling fluid communication between the inner area and the annulus through the at least one port; and

a shoulder positionable for receiving the set-down weight feature subsequent to the completion.

10. The apparatus of claim 9, wherein the completion operation is a cementing operation, the completion assembly comprising:

a cementing valve shiftable to an open position for allowing cement to enter the annulus of the wellbore during the cementing operation;

a packer to isolate a zone in the wellbore for the cementing operation;

a ported bull nose; and

a shut-off collar between the packer and the ported bull nose.

11. The apparatus of claim 10, wherein the running tool further comprises a cementing plug that is detachable from the running tool to be received by the cementing valve.

12. The apparatus of claim 9, wherein the running tool further comprises a cementing plug that is detachable from the running tool to be received by a landing collar of the completion assembly, the landing collar being positionable between the running tool and a ported bull nose of the completion assembly.

13. The apparatus of claim 8, wherein the running tool includes a landing element positionable downhole to the expandable liner hanger for receiving a device to allow the expandable liner hanger to expand.

14. The apparatus of claim 13, wherein the running tool includes a packoff to seal between the running tool and an inner diameter of a liner housing for the expandable liner hanger.

15. A method comprising:

running, using a running tool, a liner hanger assembly in a wellbore;

expanding, using the running tool, a liner hanger of the liner hanger assembly;

manipulating, using the running tool, a circulating sleeve of the liner hanger assembly to provide a return path internal to the liner hanger for fluid for a completion operation;

subsequent to expanding the liner hanger, releasing the running tool from the liner hanger assembly; and

subsequent to releasing the running tool from the liner hanger assembly, performing the completion operation that includes using a fluid return path in an inner area defined by the liner hanger.

16. The method of claim 15, wherein expanding the liner hanger of the liner hanger assembly comprises receiving a device in a landing element positioned downhole to the liner hanger of the liner hanger assembly.

17. The method of claim 16, wherein releasing the running tool from the liner hanger assembly comprises manipulating the landing element to cause the device to fall downhole.

18. The method of claim 15, wherein manipulating the circulating sleeve of the liner hanger assembly to provide a path internal to the liner hanger for fluid for a completion operation comprises at least partially raising the running tool to couple the running tool to an internal sleeve of a circulating housing.

19. The method of claim 18, further comprising:

subsequent to the completion operation, manipulating the internal sleeve to prevent fluid from entering the return path internal to the liner hanger and receiving a set-down weight feature at a shoulder positioned uphole to the circulating housing.

20. The method of claim 15, wherein the completion operation is a cementing operation.