

What is claimed is:

1. A shiftable cover, comprising:
  - a hollow interior configured to receive a diverter flowing in a first direction;
  - a diverter seat disposed in the hollow interior and configured to retain the diverter; and
  - a plurality of segments configured to:
    - collapse in response to shifting of the shiftable cover from a first position to a second position to retain the diverter; and
    - un-collapse in response to shifting of the shiftable cover from the second position towards the first position.
2. The shiftable cover of claim 1, wherein the shiftable cover shifts from the second position towards the first position in response to a threshold amount of pressure applied to at least one of the shiftable cover and the diverter.
3. The shiftable cover of claim 2, wherein after the shiftable cover shifts from the first position to the second position, the plurality of segments prevent the diverter from flowing in a second direction out of the hollow interior.
4. The shiftable cover of claim 3, wherein after the shiftable cover shifts from the second position to the first position, the diverter is reversible in the second direction through the hollow interior.
5. The shiftable cover of claim 1, wherein the plurality of segments form a temporary seat behind the diverter to retain the diverter while the shiftable cover is in the second position.
6. The shiftable cover of claim 1, wherein at least one segment of the plurality of segments has a profile that engages a corresponding profile of the diverter while in a collapsed position.
7. The shiftable cover of claim 1, wherein the plurality of segments form a collapsible collet that retains the diverter while in a collapsed position.

8. The shiftable cover of claim 1, wherein the shiftable cover is a sliding sleeve that is shiftable from the first position to the second position and from the second position to the first position.
9. The shiftable cover of claim 1, wherein the shiftable cover is shiftable from the second position to a third position.
10. The shiftable cover of claim 9, wherein the shiftable cover is shiftable back and forth between the second position and the third position.
11. The shiftable cover of claim 10, wherein a port is not covered by the shiftable cover while the shiftable cover is in the second position, and wherein the port is covered by the shiftable cover while the shiftable cover is in the third position.
12. The shiftable cover of claim 9, wherein the shiftable cover is shiftable from the third position to the first position, wherein the plurality of segments are configured to remain collapsed in response to shifting of the shiftable cover from the second position to the third position, and wherein the plurality of segments are configured to un-collapse in response to shifting of the shiftable cover from the third position to the first position.
13. A completion system, comprising:
  - a port; and
  - a shiftable cover comprising:
    - a hollow interior configured to receive a diverter flowing in a first direction;
    - a diverter seat disposed in the hollow interior and configured to retain the diverter; and
    - a plurality of segments configured to:
      - collapse in response to shifting of the shiftable cover from a first position to a second position to retain the diverter; and

un-collapse in response to shifting of the shiftable cover from the second position towards the first position.

14. The completion system of claim 13, wherein the port is covered by the shiftable cover while the shiftable cover is in the first position, and wherein the port is uncovered by the shiftable cover while the shiftable cover is in the second position.
15. The completion system of claim 13, further comprising a retaining member shiftable from a contracted position to an expanded position, wherein while the retaining member is in the expanded position, the retaining member prevents the shiftable cover from shifting to the first position.
16. The completion system of claim 15, wherein the retaining member is held in the contracted position by the shiftable cover while the shiftable cover is in the first position, and wherein the retaining member shifts from the contracted position to the expanded position after the shiftable cover shifts from the first position towards the second position.
17. The completion system of claim 16, wherein the retaining member comprises a shearable piece configured to shear in response to a threshold amount of pressure applied to the retaining member, and wherein the retaining member is shiftable from the expanded position to the contracted position after shearing of the shearable piece.
18. A method to shift a downhole cover in two different directions, the method comprising:
  - flowing a diverter through a hollow interior of a cover, wherein a diverter seat disposed in the hollow interior is configured to retain the diverter;
  - shifting the cover in a first direction from a first position to a second position;
  - collapsing a plurality of segments to retain the diverter;
  - after shifting the cover from the first position to the second position, applying a threshold amount pressure to the diverter to shift the cover in a second direction from the second position to the first position; and

un-collapsing the plurality of segments in response to shifting the cover from the second position towards the first position.

19. The method of claim 18, further comprising:
  - after un-collapsing the plurality of segments, flowing the diverter out of the cover;
  - after flowing the diverter out of the cover, flowing a second diverter into the hollow interior;
  - shifting the cover in the first direction from the first position to the second position;
  - collapsing the plurality of segments to retain the second diverter;
  - after shifting the downhole cover from the first position to the second position, applying the threshold amount pressure to the second diverter to shift the cover in the second direction from the second position to the first position; and
  - un-collapsing the plurality of segments in response to shifting the cover from the second position towards the first position.
20. The method of claim 18, further comprising:
  - after un-collapsing the plurality of segments, flowing the diverter out of the cover;
  - after flowing the diverter out of the cover, flowing the diverter back into the hollow interior;
  - shifting the cover in the first direction from the first position to the second position;
  - collapsing the plurality of segments to retain the diverter;
  - after shifting the downhole cover from the first position to the second position, applying the threshold amount pressure to the diverter to shift the cover in the second direction from the second position to the first position; and
  - un-collapsing the plurality of segments in response to shifting the cover from the second position towards the first position.