

WHAT IS CLAIMED IS:

1. An adjustable flow control device, comprising:
a base pipe having one or more base pipe openings extending from an exterior of the base pipe to an interior of the base pipe; and
a movable sleeve positioned along at least a portion of the interior of the base pipe, the movable sleeve having one or more associated movable sleeve openings extending from an exterior of the movable sleeve to an interior of the movable sleeve, the movable sleeve configured to rotate to a first position that aligns a first of the one or more base pipe openings with a first of the one or more movable sleeve openings.
2. The adjustable flow control device as recited in Claim 1, wherein the movable sleeve is further configured to rotate to a second position that aligns a second of the one or more base pipe openings with a second of the one or more movable sleeve openings and isolates the first of the one or more base pipe openings from the first of the one or more movable sleeve openings.
3. The adjustable flow control device as recited in Claim 2, wherein the movable sleeve includes two or more notches for engaging with an indexing pin.
4. The adjustable flow control device as recited in Claim 3, wherein the movable sleeve includes a channel between the two or more notches.
5. The adjustable flow control device as recited in Claim 4, wherein the movable sleeve is configured to:
slide to disengage a first of the two or more notches from the indexing pin and then to rotate from the first position; and
slide to disengage a second of the two or more notches from the indexing pin and then to rotate to the second position.
6. The adjustable flow control device as recited in Claim 1, further including one or more hydraulic activation chambers disposed exteriorly of the base pipe, and a filter medium

disposed about the one or more hydraulic activation chambers for receiving production fluid from an oil and gas formation.

7. The adjustable flow control device as recited in Claim 6, wherein the filter medium is disposed over the one or more base pipe openings.

8. The adjustable flow control device as recited in Claim 1, wherein the movable sleeve is spring activated.

9. The adjustable flow control device as recited in Claim 1, further comprising a connecting mandrel positioned at both ends of the movable sleeve.

10. A method for modifying an adjustable flow control device, comprising:
providing an adjustable flow control device, the adjustable flow control device including:
a base pipe having one or more base pipe openings extending from an exterior of the base pipe to an interior of the base pipe; and
a movable sleeve positioned along at least a portion of the interior of the base pipe, the movable sleeve having one or more associated movable sleeve openings extending from an exterior of the movable sleeve to an interior of the movable sleeve; and
rotating the movable sleeve from a first position that aligns a first of the one or more base pipe openings with a first of the one or more movable sleeve openings to a second position isolating the first of the one or more base pipe openings from the first of the one or more movable sleeve openings.

11. The method for modifying an adjustable flow control device as recited in Claim 10, wherein the base pipe has two or more base pipe openings and the movable sleeve has two or more movable sleeve openings, and further wherein a second of the two or more base pipe openings and a second of the two or more movable sleeve openings are aligned when the movable sleeve is in the second position.

12. The method for modifying an adjustable flow control device as recited in Claim 11, wherein rotating the movable sleeve from a first position to a second position includes activating a spring to release the movable sleeve from a locked position.

13. The method for modifying an adjustable flow control device as recited in Claim 10, wherein rotating the movable sleeve from a first position to a second position includes sliding an indexing pin out from a first notch to misalign the first of the one or more base pipe openings with the first of the one or more movable sleeve openings.

14. The method for modifying an adjustable flow control device as recited in Claim 13, further including sliding the indexing pin along a channel connecting the first notch and a second notch, and sliding the indexing pin into the second notch to secure the rotating movable sleeve in the second position.

15. A well system, comprising:
a base pipe having one or more base pipe openings extending from an exterior of the base pipe to an interior of the base pipe;
a screen subassembly, including:
one or more hydraulic activation chambers disposed exteriorly of the base pipe;
and
a filter medium disposed about the one or more hydraulic activation chambers for receiving production fluid from an oil and gas formation; and
a flow control module fluidly coupled beneath the screen subassembly, the flow control module including a movable sleeve positioned along at least a portion of the interior of the base pipe, the movable sleeve having one or more associated movable sleeve openings extending from an exterior of the movable sleeve to an interior of the movable sleeve, the movable sleeve configured to rotate to a first position that aligns a first of the one or more base pipe openings with a first of the one or more movable sleeve openings.

16. The well system as recited in Claim 15, wherein the movable sleeve is further configured to rotate to a second position that aligns a second of the one or more base pipe openings with a second of the one or more movable sleeve openings and isolates the first of the one or more base pipe openings from the first of the one or more movable sleeve openings.

17. The well system as recited in Claim 15, wherein the movable sleeve includes two or more notches for engaging with an indexing pin, and a channel between the two or more notches.

18. The well system as recited in Claim 17, wherein the movable sleeve is configured to:

slide to disengage a first of the two or more notches from the indexing pin and then to rotate from the first position; and

slide to disengage a second of the two or more notches from the indexing pin and then to rotate to the second position.

19. The well system recited in Claim 15, wherein the filter medium is disposed over the one or more base pipe openings.

20. The well system as recited in Claim 15, wherein the movable sleeve further includes a connecting mandrel positioned at both ends of the movable sleeve.