CLAIMS:

1. An apparatus for screening particulates in wellbore fluid comprising:
a base pipe having an inner bore; and
a screen section disposed in a section of the base pipe, the screen section comprising (i) an outer jacket having an inner facing surface and apertures extending through the outer jacket, (ii) an inner wall having an outer surface, an inner surface and a port extending through the inner wall from the inner surface to the outer surface, (iii) an annulus formed between the inner facing surface of the outer jacket and the outer surface of the inner wall, (iv) a filter medium for the apertures of the outer jacket; and (v) a filter disc disposed in the port of the inner wall, wherein wellbore fluid flows from outside the base pipe into the inner bore through the apertures, the filter medium, the annulus, and the filter disc.

2. The apparatus of claim 1 wherein the filter medium is positioned in the annulus adjacent the inner facing surface of the outer jacket.

3. The apparatus of claim 1 wherein the annulus is devoid of filter medium in an area adjacent the port.

4. The apparatus of claim 1 wherein the port is axially offset from the apertures.

5. The apparatus of claim 1 wherein the port radially aligned with at least one of the apertures.

6. The apparatus of claim 1 wherein filter medium includes a compressed steel wool.

7. The apparatus of claim 6 wherein the compressed steel wool includes randomly arranged fibers, the substantially triangular in cross sectional shape and being 70 to 100 μm in thickness.

8. The apparatus of claim 1 wherein the filter disc is installed in inner wall to be at most flush with the outer surface and the inner surface.

9. The apparatus of claim 1 wherein the filter disc includes fusion bonded mesh laminate.

~~10. The apparatus of claim 9 wherein the fusion bonded mesh laminate includes 10 to 15 layers of woven steel mesh sintered together.~~

~~11. The apparatus of claim 1 wherein filter medium is spaced from outer surface at least in some areas.~~

~~12. The apparatus of claim 1 wherein outer surface includes one or more flow channels free of filter medium and wherein the port is axially offset from the apertures and the one or more flow channels extend out from beneath the filter medium toward the port.~~

~~13. The apparatus of claim 12 wherein there are a plurality of flow channels and each of the plurality of flow channels is an indentation on the outer surface and is spaced apart with filter medium between each of the plurality of flow channels.~~

~~14.~~1. A method for screening fluid in a wellbore, the method comprising: installing a screen in the wellbore, the screen comprising a base pipe having an inner bore; and a screen section disposed in a section of the base pipe, the screen section comprising (i) an outer jacket having an inner facing surface and apertures extending through the outer jacket, (ii) an inner wall having an outer surface, an inner surface and a port extending through the inner wall from the inner surface to the outer surface, (iii) an annulus formed between the inner facing surface of the outer jacket and the outer surface of the inner wall, (iv) a filter medium for the apertures of the outer jacket; and (v) a filter disc disposed in the port of the inner wall; and permitting a fluid flow to be screened through the screen wherein wellbore fluid flows from outside the screen into the inner bore through the apertures, the filter medium, the annulus and the filter disc; and accumulating particulate from the fluid flow in the annulus at the filter disc until flow through the filter disc is stopped.

~~15.~~2. The method of claim 1~~4~~ wherein some of the fluid ~~flow is~~flow are substantially directly radial from the apertures to the inner bore.

~~16.~~3. The method of claim 1~~4~~ wherein the fluid flow must move axially along the outer surface from the filter medium to the filter disc.

~~17.~~4. The method of claim 1~~4~~ wherein the filter medium screens larger debris than the filter disc.

~~18. The method of claim 14 further comprising accumulating particulate from the fluid flow in the annulus at the filter disc until flow through the filter disc is stopped.~~

~~19.~~5. The method of claim 1~~4~~ wherein the screen section includes a first flow channel and a second flow channel and each of the first flow channel and the second flow channel is free of filter medium, extends between the filter medium and the outer surface and includes a terminal end extending out from an edge of the filter medium toward the port and wherein the first flow channel is isolated by the filter medium from the second flow channel except at the terminal end; and wherein during permitting a fluid flow to be screened, a first portion of the fluid flow flows along the first fluid channel and a second portion of the fluid flow flows along the second fluid channel.

6. ~~20.~~ The method of claim ~~19~~ 5 further comprising accumulating particulate from the first portion of the fluid flow in first channel until flow through the first channel is stopped, while fluid flow through the second fluid channel continues.

7. A method for screening fluid in a wellbore, the method comprising: installing a screen in the wellbore, the screen comprising a base pipe having an inner bore; and
a screen section disposed in a section of the base pipe, the screen section comprising (i) an outer jacket having an inner facing surface and apertures extending through the outer jacket, (ii) an inner wall having an outer surface, an inner surface and a port extending through the inner wall from the inner surface to the outer surface, (iii) an annulus formed between the inner facing surface of the outer jacket and the outer surface of the inner wall, (iv) a filter medium for the apertures of the outer jacket; (v) a filter disc disposed in the port of the inner wall; and (vi) a first flow channel and a second flow channel and each of the first flow channel and the second flow channel is free of filter medium, extends between the filter medium and the outer surface and includes a terminal end extending out from an edge of the filter medium toward the port and wherein the first flow channel is isolated by the filter medium from the second flow channel except at the terminal end; and permitting a fluid flow to be screened through the screen wherein wellbore fluid flows from outside the screen into the inner bore through the apertures, the filter medium, the annulus and the filter disc and a first portion of the fluid flow flows along the first fluid channel and a second portion of the fluid flow flows along the second

fluid channel, and the method further comprising accumulating particulate from the first portion of the fluid flow in first channel until flow through the first channel is stopped, while fluid flow through the second fluid channel continues.

8. The method of claim 7 wherein some of the fluid flow is substantially directly radial from the apertures to the inner bore.

9. The method of claim 7 wherein the fluid flow must move axially along the outer surface from the filter medium to the filter disc.

10. The method of claim 7 wherein the filter medium screens larger debris than the filter disc.

11. The method of claim 7 further comprising accumulating particulate from the fluid flow in the annulus at the filter disc until flow through the filter disc is stopped.