CLAIMS

1. A shunt tube entry device comprising:

one or more inlet ports;

a shroud disposed at least partially about a wellbore tubular, wherein the shroud defines a chamber between the shroud and the wellbore tubular, and wherein the chamber is in fluid communication with the one or more entry ports; and

a shunt tube in fluid communication with the chamber.

2. The entry device of claim 1, wherein the one or more inlet ports comprise one or more perforations in the shroud.

3. The entry device of claim 1, wherein at least a first portion of the shroud is configured to engage the wellbore tubular at a first end.

4. The entry device of claim 3, wherein the one or more inlet ports are disposed on the first portion of the shroud.

5. The entry device of claim 1, wherein the one or more inlet ports comprise one or more tubes.

6. The entry device of claim 5, wherein the one or more tubes have a ratio of their length to diameter of greater than about 1.5:1.

7. The entry device of claim 1, further comprising one or more baffles disposed between the shroud and the wellbore tubular.

8. The entry device of claim 7, wherein the one or more inlet ports comprise one or more openings between adjacent baffles of the one or more baffles.

9. The entry device of claim 1, wherein the shunt tube is in fluid communication with an exterior of the shunt tube entry device, and wherein the shunt tube is in fluid communication with the chamber through one or more interior ports.

10. The entry device of claim 9, further comprising an extension tube coupled to the one or more interior ports, wherein the extension tube provides fluid communication between the corresponding one or more interior port and an end of the extension tube within the chamber.

11. The entry device of claim 1, further comprising an entrance subassembly disposed between the shroud and the wellbore tubular, wherein the entrance subassembly comprises a rotatable ring, wherein the one or more inlet ports are disposed through the rotatable ring.

12. The entry device of claim 11, wherein the rotatable ring comprises a first portion and a second portion, wherein the first portion comprises the one or more inlet ports disposed therethrough, and wherein the rotatable ring is configured to rotate the first portion to the high side of the wellbore.

13. A shunt tube entry device comprising:

a plurality of inlet ports;

a shroud at least partially disposed about a wellbore tubular,

one or more dividers, wherein the one or more dividers define a plurality of chambers between the shroud and the wellbore tubular, wherein each chamber of the plurality of chambers is in fluid communication with one or more of the plurality of inlet ports; and

one or more shunt tubes, wherein each of one or more shunt tubes is in fluid communication with at least one of the plurality of chambers.

14. The entry device of claim 13, wherein the plurality of chambers are arranged in parallel.

15. The entry device of claim 14, wherein the plurality of chambers are out of fluid communication with each other.

16. The entry device of claim 14, wherein each chamber of the plurality of chambers is in fluid communication with two or more of the plurality of inlet ports.

17. The entry device of claim 13, wherein the plurality of chambers are arranged in series.

18. The entry device of claim 17, wherein the plurality of chambers are in fluid communication.

19. The entry device of claim 17, wherein each of the one or more dividers comprises one or more internal ports disposed therein.

20. A method of gravel packing comprising:

passing a slurry through one or more inlet ports;

receiving the slurry within a chamber in fluid communication with the one or more inlet ports, wherein the chamber is defined by a shroud at least partially disposed about a wellbore tubular;

passing the slurry from the chamber into one or more shunt tubes, wherein the one or more shunt tubes are in fluid communication with the chamber; and

disposing the slurry about a sand screen assembly.

21. The method of claim 20, wherein the one or more inlet ports comprise perforations, tubes, or baffles.

22. The method of claim 20, further comprising:

receiving a second portion of the slurry within a second chamber, wherein the second chamber is defined by one or more dividers disposed between the shroud and the wellbore tubular;

passing the second portion of the slurry into one or more secondary shunt tubes; and

disposing the second portion of slurry about the sand screen assembly.

23. The method of claim 20, wherein the chamber comprises a first sub-chamber and a second sub-chamber, wherein the first sub-chamber and the second sub-chamber are defined by one or more dividers disposed between the shroud and the wellbore tubular, and wherein passing the slurry from the chamber into one or more shunt tubes comprises:

receiving the slurry within the first sub-chamber;

passing the slurry from the first sub-chamber through one or more internal ports;

receiving the slurry in the second sub-chamber through the one or more internal ports; and

passing the slurry from the second sub-chamber into the one or more shunt tubes.

24. The method of claim 21, wherein receiving the slurry within the chamber comprises removing at least a portion of a blockage within the chamber or adjacent to the one or more inlet ports.

CLAIMS

1. A shunt tube entry device comprising:

a shroud disposed at least partially about a wellbore tubular, wherein the shroud defines a chamber between the shroud and the wellbore tubular;

at least one inlet port in fluid communication with the chamber;

one or more baffles disposed between the shroud and the wellbore tubular at a non-axial angle to a longitudinal axis of the wellbore tubular, wherein the one or more baffles define at least one flow path from the inlet port into the chamber; and

a shunt tube in fluid communication with the chamber and the one or more inlet ports.

2. The entry device of claim 1, wherein at least a first portion of the shroud is configured to engage the wellbore tubular at a first end, and wherein the one or more inlet ports are disposed on the first portion of the shroud.

3. The entry device of claim 1, wherein the one or more baffles comprise a first baffle in alignment with a second baffle.

4. A method of gravel packing comprising:

passing a slurry through one or more inlet ports into at least one flow path defined between one or more baffles;

receiving the slurry from the at least one flow path into a chamber in fluid communication with the one or more inlet ports, wherein the chamber is defined by a shroud at least partially disposed about a wellbore tubular, and wherein the one or more baffles are disposed between the shroud and the wellbore tubular at a non-axial angle to a longitudinal axis of the wellbore tubular;

passing the slurry from the chamber into one or more shunt tubes, wherein the one or more shunt tubes are in fluid communication with the chamber; and

disposing the slurry about a sand screen assembly.