

REPLACEMENT SHEET

CLAIMS

WHAT IS CLAIMED IS:

1. A downhole isolation assembly, comprising:
 - an outer pipe string;
 - an inner pipe positioned along an inner diameter of the outer pipe string;
 - a telescoping assembly positioned along the outer pipe string to selectively telescope the inner pipe along the inner diameter of the outer pipe string, the telescoping assembly comprising:
 - a telescoping latch; and
 - a wedge positioned along a profiled area of the inner diameter of the outer pipe string, wherein the telescoping latch selectively contacts the wedge to thereby force the wedge to grip the inner pipe; and
 - a packer section extending below the inner pipe, the packer section comprising:
 - an upper packer;
 - a zone port; and
 - a lower packer positioned below the zone port.
2. An assembly as defined in claim 1, further comprising a flexible seal to seal between the outer pipe string and the inner pipe.
3. An assembly as defined in claim 1, wherein the profiled area along the inner diameter of the outer pipe string comprises an angular surface which forces the wedge to grip the inner pipe in response to the selective contact of the telescoping latch.
4. An assembly as defined in claim 1, wherein the packer section further comprises a ball and ball seat disposed at a lower end of the packer section.
5. An assembly as defined in claim 1, further comprising an assembly to disconnect the inner pipe from the outer pipe string, the assembly comprising:
 - a sleeve positioned around the inner pipe, the sleeve having a collet attached thereto; and
 - a collet latch positioned along the inner diameter of the outer pipe string, the collet latch being adapted to engage the collet to thereby secure the sleeve between the wedge and the inner pipe.
6. An assembly as defined in claim 1, further comprising an assembly to disconnect the inner pipe from the outer pipe string, the assembly comprising:
 - a latching finger positioned around the inner pipe;
 - a latch lock positioned around the inner pipe above the latching finger, the latch lock being operably connected to the outer pipe string; and

07/22/2013 12:12 FAX

REPLACEMENT SHEET

a latch profile positioned along the inner diameter of the outer pipe string,
wherein the latch lock selectively forces the latching finger into the latch profile to
thereby secure the latching finger to the outer pipe string.

7. An assembly as defined in claim 1, further comprising a drag block assembly positioned
along the packer section.

8. A downhole isolation assembly, comprising:
a first tubular section with a first inner diameter;
a second tubular section with a diameter smaller than the first inner diameter;
an assembly to telescope the second tubular section within the inner diameter of the first
tubular section, the assembly comprising:
a latch; and
a wedge, wherein the latch actuates to allow the wedge to wedge against the
second tubular section; and
a packer section to isolate a section of interest along a zone of interest.

9. An assembly as defined in claim 8, wherein the packer section is positioned below the
second tubular section.

10. An assembly as defined in claim 9, wherein the packer section further comprises:
an upper packer;
a zone port; and
a lower packer positioned below the zone port.

11. An assembly as defined in claim 8, wherein the packer section further comprises a ball
seat formed at a lower end of the packer section.

12. An assembly as defined in claim 8, further comprising an assembly to disconnect the
second tubular section from the first tubular section.

13. A method to isolate a section of a wellbore along a zone of interest, the method
comprising:
positioning an isolation assembly adjacent the zone of interest;
isolating a first section along the zone of interest;
conducting a downhole operation along the first section;
telescoping an inner pipe of the isolation assembly within an outer pipe of the isolation
assembly;

07/22/2013 12:13 FAX

REPLACEMENT SHEET

isolating a second section along the zone of interest; and
conducting a downhole operation along the second section.

14. A method as defined in claim 13, wherein conducting the downhole operation comprises conducting at least one of a testing or stimulation operation.

15. A method as defined in claim 13, wherein isolating the first and second sections comprises:

activating a first packer above the sections; and
activating a second packer below the sections.

16. A method as defined in claim 13, wherein telescoping the inner pipe within the outer pipe comprises:

actuating a telescoping assembly to release the inner pipe;
allowing the inner pipe to telescope along the outer pipe; and
actuating the telescoping assembly to secure the inner pipe along the outer pipe.

17. A method as defined in claim 13, further comprising disconnecting the inner pipe from the outer pipe.

18. A downhole isolation method, comprising:

isolating two or more sections along a zone of interest; and
performing at least one of a testing or stimulation operation on each section, wherein the method is conducted in a single downhole trip.

19. A method as defined in claim 18, wherein the method is performed without requiring disconnection of pressure lines.

CLAIMS

1. A downhole isolation assembly, comprising:
 - an outer pipe string;
 - 5 an inner pipe positioned along an inner diameter of the outer pipe string;
 - a telescoping assembly positioned along the outer pipe string to selectively telescope the inner pipe along the inner diameter of the outer pipe string, the telescoping assembly comprising:
 - a telescoping latch; and
 - 10 a wedge positioned along a profiled area of the inner diameter of the outer pipe string, wherein the telescoping latch selectively contacts the wedge to thereby force the wedge to grip the inner pipe; and
 - a packer section extending below the inner pipe, the packer section comprising:
 - an upper packer;
 - 15 a zone port; and
 - a lower packer positioned below the zone port.
2. An assembly as defined in claim 1, further comprising a flexible seal to seal between the outer pipe string and the inner pipe.
3. An assembly as defined in either claim 1 or 2, wherein the profiled area along the inner
20 diameter of the outer pipe string comprises an angular surface which forces the wedge to grip the inner pipe in response to the selective contact of the telescoping latch.
4. An assembly as defined in any one of claims 1 to 3, wherein the packer section further comprises a ball and ball seat disposed at a lower end of the packer section.
5. An assembly as defined in any one of claims 1 to 4, further comprising an assembly to
25 disconnect the inner pipe from the outer pipe string, the assembly comprising:
 - a sleeve positioned around the inner pipe, the sleeve having a collet attached thereto;
 - and
 - a collet latch positioned along the inner diameter of the outer pipe string, the collet latch being adapted to engage the collet to thereby secure the sleeve between the wedge and the
30 inner pipe.
6. An assembly as defined in any one of claims 1 to 5, further comprising an assembly to disconnect the inner pipe from the outer pipe string, the assembly comprising:

a latching finger positioned around the inner pipe;
a latch lock positioned around the inner pipe above the latching finger, the latch lock being operably connected to the outer pipe string; and
a latch profile positioned along the inner diameter of the outer pipe string,
5 wherein the latch lock selectively forces the latching finger into the latch profile to thereby secure the latching finger to the outer pipe string.

7. An assembly as defined in any one of claims 1 to 6, further comprising a drag block assembly positioned along the packer section.

10 8. A downhole isolation assembly, comprising:
a first tubular section with a first inner diameter;
a second tubular section with a diameter smaller than the first inner diameter;
an assembly to telescope the second tubular section within the inner diameter of the first tubular section, the assembly comprising:
15 a telescopic latch; and
a wedge, wherein the telescopic latch actuates to cause the wedge to wedge against the second tubular section; and
a packer section to isolate a section of interest along a zone of interest.

9. An assembly as defined in claim 8, wherein the packer section is positioned below the
20 second tubular section.

10. An assembly as defined in claim 9, wherein the packer section further comprises:
an upper packer;
a zone port; and
a lower packer positioned below the zone port.

25 11. An assembly as defined in any one of claims 8 to 10, wherein the packer section further comprises a ball seat formed at a lower end of the packer section.

12. An assembly as defined in any one of claims 8 to 11, further comprising an assembly to disconnect the second tubular section from the first tubular section.

13. A method to isolate a section of a wellbore along a zone of interest, the method
30 comprising:
positioning an isolation assembly adjacent the zone of interest;
isolating a first section along the zone of interest;

conducting a downhole operation along the first section;
telescoping an inner pipe of the isolation assembly within an outer pipe of the isolation assembly;

isolating a second section along the zone of interest; and
5 conducting a downhole operation along the second section,
wherein telescoping the inner pipe within the outer pipe comprises actuating a telescopic latch of a telescoping assembly to cause a wedge of the telescoping assembly to grip the inner pipe.

14. A method as defined in claim 13, wherein conducting the downhole operation
10 comprises conducting at least one of a testing or stimulation operation.

15. A method as defined in either claim 13 or 14, wherein isolating the first and second sections comprises:

activating a first packer above the sections; and
activating a second packer below the sections.

15 16. A method as defined in any one of claims 13 to 15, wherein telescoping the inner pipe within the outer pipe further comprises:

actuating the telescoping assembly to release the inner pipe;
allowing the inner pipe to telescope along the outer pipe; and
actuating the telescoping assembly to grip the inner pipe along the outer pipe.

20 17. A method as defined in any one of claims 13 to 16, further comprising disconnecting the inner pipe from the outer pipe.