CLAIMS

What is claimed is:

1. A method for orienting a tubing string in a wellbore, the method comprising:

lowering a tubular string within a casing string in a wellbore, wherein the tubular string comprises: a tubular string opening and a tubular string aligning tool;

engaging the tubular string aligning tool with a casing aligning tool while lowering the tubular string;

rotating the tubular string in response to engaging the tubular string aligning tool with the casing aligning tool;

rotationally aligning the tubular string opening with a casing string opening disposed through the casing string based on the rotating; and

retaining the tubular string opening in an axial alignment and a rotational alignment with the casing string opening.

2. The method of claim 1, wherein lowering the tubular string comprises displacing the tubular string into a position where the tubular string opening is not at least partially aligned with the casing string opening.

3. The method of claim 1, wherein lowering the tubular string further comprises displacing the tubular string into an indication position where the tubular string aligning tool has not engaged with the casing string aligning tool.

4. The method of any one of claims 1 to 3, further comprising actuating a valve when the tubular string opening is at least partially aligned with the casing string opening and providing fluid communication between the casing string opening and the tubular string opening.

5. The method of any one of claims 1 to 4, wherein rotating the tubular string comprises rotating the tubular string no more than 180 degrees.

6. A method for orienting a tubular string in a wellbore, the method comprising:

lowering a tubular string within a casing string in a wellbore, wherein the tubular string comprises: a first tubular string portion and a second tubular string portion, wherein the first tubular string portion comprises a first tubular string opening and a first tubular aligning tool, wherein the second tubular string portion comprises a second tubular string opening and a second tubular aligning tool, and wherein the first tubular string portion is disposed below the second tubular string portion;

engaging the first tubular aligning tool with a first casing aligning tool while lowering the tubular string;

rotating the first tubular string portion in response to engaging the first tubular aligning tool with the first casing aligning tool;

rotationally aligning the first tubular string opening with a first casing string opening based on the rotating;

retaining the first tubular string portion in an axial alignment and a rotational alignment with respect to the first casing opening;

lowering the second tubular string portion relative to the first tubular string portion;

engaging the second tubular aligning tool with a second casing aligning tool while lowering the second tubular string portion relative to the first tubular string portion;

rotating the second tubular string portion in response to engaging the second tubular aligning tool with the second casing aligning tool while the first tubular string portion is retained in position;

rotationally aligning the second tubular string opening with a second casing string opening based on rotating the second tubular string portion; and

retaining the second tubular string portion in an axial alignment and a rotational alignment with respect to the second casing string opening.

7. The method of claim 6, wherein the tubular string further comprises a third tubular string portion, wherein the third tubular string portion comprises a third tubular string opening and a third tubular aligning tool; and the method further comprises:

lowering the third tubular string portion relative to the first tubular string portion and the second tubular string portion;

engaging the third tubular aligning tool with a third casing aligning tool while lowering the third tubular string portion relative to the first and second tubular string portions;

rotating the third tubular string portion in response to engaging the third tubular aligning tool with the third casing aligning tool while the first and second tubular string portions are retained in position;

rotationally aligning the third tubular string opening with a third casing string opening based on rotating the third tubular string portion; and

retaining the third tubular string portion in an axial alignment and a rotational alignment with respect to the third casing string opening.

8. The method of claim 6 or 7, wherein lowering the second tubular string portion relative to the first tubular string portion comprises compressing a telescoping device to decrease the distance between the first tubular string opening and second tubular string opening.

9. The method of any one of claims 6 to 8, wherein rotationally aligning the second tubular string opening with a second casing string opening based on rotating the second tubular string portion comprises compressing the telescoping device so that the distance between the first tubular string opening and the second tubular string opening is no greater than the distance between first casing string opening and the second casing string opening.

10. The method of any one of claims 6 to 9, further comprising indicating that the first tubular string portion is at a first indicator position before the first tubular aligning tool engages with the first casing aligning tool.

11. The method of claim 10, wherein indicating that the first tubular string portion is at the first indicator position before the first tubular aligning tool engages with the first casing aligning tool comprises stopping the first tubular string from being lowered.

12. The method of any one of claims 6 to 11, wherein rotating at least one of the first tubular string or the second tubular string comprises rotating without damaging one or more control lines disposed along at least the first tubular string portion or the second tubular string portion.

13. The method of any one of claims 6 to 12, further comprising actuating at least a first valve or a second valve after retaining the first tubular string portion and the second tubular string portion in an axial alignment and the rotational alignment with respect to the first casing string opening and the second casing string opening.

14. A system for orienting a tubular string with a wellbore, the system comprising:

a casing string disposed in the wellbore, wherein the casing string comprises:

a casing string bore defined by the casing string,

a first casing string opening and a second casing string opening, wherein the first casing string opening is further away from a wellbore surface than the second casing string opening, and

a first casing aligning tool and a second casing aligning tool coupled to the casing string;

a first tubular string portion coupled to a second tubular string portion, wherein the first tubular string portion and the second tubular string portion are configured to be displaced into the casing string bore,

wherein the first tubing string portion comprises:

a first tubular string opening configured to radially align with the first casing string opening,

a first tubular aligning tool configured to engage with the first casing aligning tool

upon being lowered into the wellbore and rotate the first tubular string portion to at least partially align the first tubular string opening with the first casing string opening, and

a first holding device configured to prevent axial displacement of the first tubing string portion when the first tubing string opening is at least partially aligned with the first casing string opening.

15. The system of claim 14, wherein the first casing string opening is associated with a first lateral bore and the second casing string opening is associated with a second lateral bore.

16. The system of claim 14 or 15, wherein the first aligning tool is associated with the first casing string opening and the second aligning tool is associated with the second casing string opening.

17. The system of any one of claims 14 to 16, further comprising:

a first reference indicator configured to maintain the first tubing string portion in a position within the casing string bore before the first tubing string opening at least partially aligns with the first casing string opening, and

a second reference indicator configured to maintain the second tubing string portion in a position within the casing string bore before the second tubing string opening at least partially aligns with the second casing string opening.

18. The system of claim 17, wherein the first reference indicator comprises a first set of latch couplings radially disposed along the casing string and a first set of latch keys disposed with the first tubular string portion, wherein the first set of latch keys are configured to be received by the first set of latch couplings and the second reference indicator comprises a second set of latch couplings radially disposed along the casing string and a second set of latch keys disposed with the second tubular string portion, wherein the second set of latch keys are configured to be received by the second set of latch couplings.

19. The system of claim 17 or 18, wherein at least one of the first reference indicator or the second reference indicator is configured to notify an operator that the first tubing string opening is ready to at least partially align with the first casing string opening or that the second tubing string opening is ready to at least partially align with the second casing string opening, respectively.

20. The system of any one of claims 14 to 19, further comprising a first valve associated with the first tubular string opening and a second valve associated with the second tubular string opening, wherein the first valve is configured to control fluid communication from a first lateral bore and the second valve is configured to control fluid communication from a second

lateral bore.

21. The system of any one of claims 14 to 20, further comprising a first set of one or more control lines disposed along the first tubular string portion and the second tubular string portion and a second set of one or more control lines disposed along the second tubular string portion, wherein the first and second set of one or more control lines control one or more valves.

22. The system of any one of claims 14 to 21, wherein the second tubing string portion comprises:

a second tubular string opening configured to radially align with the second casing string opening,

a second tubular aligning tool configured to engage with the second casing aligning tool upon being lowered into the wellbore and rotate the second tubular string portion to at least partially align the second tubular string opening with the second casing string opening,

a second holding device configured to prevent rotational and axial displacement of the second tubing string portion when the second tubing string opening is at least partially aligned with the second casing string opening, and

a telescoping device biased in an extended direction so that distance between the first tubing string opening and the second tubing string opening is greater than the distance between the first casing string opening and the second casing string opening, wherein the telescoping device is configured to change the distance between the first tubing string opening and the second tubing string opening such that when the telescoping device is contracted the distance between the first tubing string opening and the second tubing string opening is no greater than the distance between the first casing string opening and the second casing string opening.