CLAIMS:

1. A control system for a subsea well, comprising a tree provided with a hydraulic control supply line for use in opening a downhole safety valve as a result of hydraulic pressure in the line, wherein a part of said line is carried by a structure which is subject to the pressure of production fluid from the well in use of the system so that the line is separable in response to a failure of the integrity of said structure.

2. A control system according to claim 1, wherein said structure defines part of the flowpath of production fluid from the well.

3. A control system according to claim 2, wherein said structure is part of the production fluid flow path downstream of the tree.

4. A control system according to claim 3, wherein said structure comprises a production wing block on the tree.

5. A control system according to any preceding claim, wherein said part of said control line is attached to the structure by a clamp.

6. A control system according to claim 5, wherein said control line passes from said clamp to an isolation valve on the tree.

7. A control system according to any of claims 1 to 4, wherein said part of said control line passes through the structure to the tree.

8. A control system according to claim 7, wherein the control line passes through the structure to the tree from an isolation valve on the structure.

9. A control system according to claim 4 or any of claims 5 to 8 as dependent on claim 4. wherein said part of said line is carried by the production wing block so that the line is separable in response to a separation of the production wing block from the tree.

10. A method of providing a control system for a subsea well, the method comprising:

providing a tree with a hydraulic control supply line for use in opening a downhole safety valve as a result of hydraulic pressure in the line; and

carrying a part of said line by a structure which is subject to the pressure of production fluid from the well in use of the system so that the line is separable in response to a failure of the integrity of said structure.

11. A method according to claim 10, wherein said structure defines part of the flowpath of production fluid from the well.

12. A method according to claim 11, wherein said structure is part of the production fluid flow path downstream of the tree.

13. A method according to claim 12, wherein said structure comprises a production wing block on the tree.

14. A method according to any of claims 10 to 13, wherein said part of said control line is attached to the structure by a clamp.

15. A method according to claim 14, wherein said control line passes from said clamp to an isolation valve on the tree.

16. A method according to any of claims 10 to 13, wherein said part of said control line passes through the structure to the tree.

17. A method according to claim 16, wherein the control line passes through the structure to the tree from an isolation valve on the structure.

Claims

1. A control system for a subsea well, comprising a tree (1) provided with a hydraulic control supply line (15) for use in opening a downhole safety valve as a result of hydraulic pressure in the line, wherein a part of said line is carried by a structure (6) which defines part of the flowpath of production fluid from the well and is subject to the pressure of production fluid from the well in use of the system so that the line is separable in response to a failure of the integrity of said structure, characterised in that: said structure is part of the production fluid flow path downstream of the tree and comprises a production wing block on the tree; and said part of said line is carried by the production wing block so that the line is separable in response to a separation of the production wing block from the tree.

2. A control system according to claim 1, wherein said part of said control line (15) is attached to the production wing block (6) by a clamp (16).

3. A control system according to claim 2, wherein said control line (15) passes from said clamp (16) to an isolation valve (14) on the tree (1).

4. A control system according to claim 1, wherein said part of said control line (15) passes through the production wing block (6) to the tree (1).

5. A control system according to claim 4, wherein the control line (15) passes through the production wing block (6) to the tree (1) from an isolation valve (14) on the production wing block.

6. A method of providing a control system for a subsea well, the method comprising:

providing a tree (1) with a hydraulic control supply line (15) for use in opening a downhole safety valve as a result of hydraulic pressure in the line; and

carrying a part of said line by a structure (6) which is subject to the pressure of production fluid from the well in use of the system so that the line is separable in response to a failure of the integrity of said structure, wherein: said structure defines part of the flowpath of production fluid from the well, said structure being part of the production fluid flow path downstream of the tree and comprising a production wing block on the tree; and said part of said

line is carried by the production wing block so that the line is separable in response to separation of the production wing block from the tree.

7. A method according to claim 6, wherein said part of said control line (15) is attached to the production wing block (6) by a clamp (16).

8. A method according to claim 7, wherein said control line (15) passes from said clamp (16) to an isolation valve (14) on the tree (1).

9. A method according to claim 6, wherein said part of said control line (15) passes through the production wing block (6) to the tree (1).

10. A method according to claim 9, wherein the control line (15) passes through the production wing block (6) to the tree (1) from an isolation valve (14) on the production wing block.