CLAIMS:

1. A method of producing a filtration system for filtering a chemical fluid used in a hydrocarbon extraction well, the method comprising providing a filter arrangement having an inlet end and an outlet end and connecting the inlet end to a first fluid flow passageway for the fluid using a first hydraulically operated connector and connecting the outlet end to a second fluid flow passageway using a second hydraulically operated connector.
2. A method according to claim 1, wherein the well is a subsea well, the filtration system being on a subsea structure.
3. A method according to claim 2, wherein the connectors are hydraulically operated by a remotely operated vehicle (ROV).
4. A method according to claim 3, wherein the ROV causes hydraulic fluid to be supplied to operate said connectors via respective lines from a connector portion with which the ROV engages.
5. A method according to claim 4, wherein the ROV engages with the connector portion in a hot stab manner.
6. A method according to any preceding claim, wherein said filter arrangement extends from said inlet end to an apex region and from the apex region to said outlet end.
7. A method according to claim 6 as dependent on either of claims 4 and 5, wherein said connector portion is at said apex region.
8. A filtration system for filtering a chemical fluid used in a hydrocarbon extraction well, the system comprising a filter arrangement having an inlet end and an outlet end, the inlet end being connected to a first fluid flow passageway for the fluid by a first hydraulically operated connector and the outlet end being connected to a second fluid flow passageway by a second hydraulically operated connector.
9. A system according to claim 8, wherein the filtration system is on a subsea structure of a subsea hydrocarbon extraction well.
10. A system according to claim 8 or 9, wherein said filter arrangement extends from said inlet end to an apex region and from the apex region to said outlet end.
11. A system according to claim 10 as dependent on claim 9, wherein a connector portion is at said apex region for engaging with an ROV for hydraulic operation of said connectors.

12. A hydrocarbon extraction well including a filtration system according to any of claims 8 to 11.

Claims

1. A method of producing a filtration system for filtering a chemical fluid used in a hydrocarbon extraction well, the method comprising providing a filter arrangement having an inlet end (2) and an outlet end (4) and connecting the inlet end to a first fluid flow passageway (9) for the fluid using a first hydraulic connector (14) and connecting the outlet end to a second fluid flow passageway (10) using a second hydraulic connector (15), wherein the well is a subsea well, the filtration system being on a subsea structure (11) of the well, **characterised in that** each of said connectors is a hydraulically operated connector which is operable hydraulically to be open or closed by a remotely operated vehicle (ROV).

2. A method according to claim 1, wherein the ROV causes hydraulic fluid to be supplied to operate said connectors (14, 15) via respective lines (16, 17) from a connector portion (18) with which the ROV engages.

3. A method according to claim 2, wherein the ROV engages with the connector portion (18) in a hot stab manner.

4. A method according to any preceding claim, wherein said filter arrangement extends from said inlet end (2) to an apex region (3) and from the apex region to said outlet end (4).

5. A method according to claim 4 as dependent on either of claims 2 and 3, wherein said connector portion (18) is at said apex region (3).

6. A filtration system for filtering a chemical fluid used in a hydrocarbon extraction well, the system comprising a filter arrangement having an inlet end (2) and an outlet end (4), the inlet end being connected to a first fluid flow passageway (9) for

the fluid by a first hydraulic connector (14) and the outlet end being connected to a second fluid flow passageway (10) by a second hydraulic connector (15), wherein the filtration system is on a subsea structure (11) of a subsea hydrocarbon extraction well, **characterised in that** each of said connectors is a hydraulically operated connector which is operable hydraulically to be open or closed by an ROV.

7. A system according to claim 6, including a connector portion (18) for engagement with an ROV for the ROV to cause hydraulic fluid to operate said connectors (14, 15) from said connector portion via respective lines (16, 17) of the system.

8. A system according to claim 6 or 7, wherein said filter arrangement extends from said inlet end (2) to an apex region (3) and from the apex region to said outlet end (4).

9. A system according to claim 8 as dependent on claim 7, wherein said connector portion (18) is at said apex region (3).