Exit Sub Release Tool

Reduces the risk of having to deploy cutters or complicated and costly wire fishing operations when tools get stuck

Applications

- Slickline
- Braided line

Features and Benefits

- Available in 1-7/8 and 2-1/2 in. OD
- Integral swivel
- Suitable for standard and sour service
- Suitable for up to 15,000 psi (103 MPa) and 165°
- Reduces the risk of having to deploy wire-cutting devices
- Reduces the potential for costly, time-consuming, and complicated wire cutting and snapped or cut wire fishing operations
- Mitigates potential for the dangerous situation of having a tool string permanently stuck across multiple critical well barriers

Tool Description

The Weatherford exit sub release tool (ESRT) is a proactive, electro-mechanical release device that mechanically separates, allowing the wireline, rope socket, and upper section of the ESRT to be retrieved to the surface without hydrostatic pressures, telemetry, or drop bars when tools become stuck downhole.

An industry standard external fish neck on the lower section of the ESRT can then be used for fishing operations to recover the remainder of the toolstring.

The ESRT reduces the risk of having to deploy cable cutters and complicated and expensive wire and cable fishing operations.

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Exit Sub Release Tool

Specifications

Mechanical Specifications

Outside diameter	1.875 in. (47.63 mm)	1.875 in. (47.63 mm)	2.500 in. (63.50 mm)
Makeup length	51.69 in. (1.31 m)	54.34 in. (1.38 m)	44.29 in. (1.21 m)
Weight	32 lb (14.5 kg)	34 lb (15.5 kg)	38 lb (17.27 kg)
Upper connection	1-1/16 in. SR	1-7/8 in. QLS	1-1/16 in. SR
Lower connection	1-1/16 in. SR	1-7/8 in. QLS	1-9/16 in. SR
Upper fish neck	1.750 in. (44.45 mm)	1.750 in. (44.45 mm)	1.750 in. (44.45 mm)
Lower fish neck	1.750 in. (44.45 mm)	1.750 in. (44.45 mm)	2.312 in. (58.72 mm)
Pressure rating	1,500 psi (103.42 MPa)	1,500 psi (103.42 MPa)	1,500 psi (103.42 MPa)
Temperature rating*	329°F (165°C)	329°F (165°C)	329°F (165°C)
Upper tensile strength	70,000 lb (31,751 kg)	70,000 lb (31,751 kg)	70,000 lb (31,751 kg)
Lower tensile strength	70,000 lb (31,751 kg)	70,000 lb (31,751 kg)	70,000 lb (31,751 kg)

*It is recommended that in the field the temperature rating not exceed 90% of the maximum stated rating.

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