HALLIBURTON

WELLBORE SERVICE TOOLS | RETRIEVABLE TOOLS

Super Subsurface Control (S3C) valve

Reliable solutions for temporary well suspension

FEATURES

- Validated to API 19AC V3
- Validated to API 11D1 V0 when paired with an Intercept® packer
- Features right-hand rotation only release mechanism
- Requires no pressure or annulus integrity requirement to disconnect
- Equipped with integral bumper subsystem to help identify neutral point on floating vessels
- Opens at maximum differential pressure
- Operates using simplified procedures
- Includes integral lockout system to help prevent movement during transport

BENEFITS

- Provides dependable barrier in various applications
- Allows operators to secure drill string downhole and quickly resume operations after workovers or weather disruptions

Overview

The Halliburton Super Subsurface Control (S3C) valve is a reliable tool designed for temporary well suspension. It allows operators to secure the drill string downhole and quickly resume operations after workovers or weather disruptions. The S3C valve combines the trusted legacy of Halliburton subsurface control (SSC) valves with modern API regulatory compliance and works efficiently with the Intercept® retrievable bridge plug and valve assembly.

The S3C subsurface control valve allows the operator to secure the drill string for temporary well suspension quickly. This means minimal effort is required to restart operations after the workover or weather event has passed. When deployed with the Intercept assembly, which does not require string weight below, the S3C subsurface control valve can provide a significant time improvement in a temporary well suspension scenario.

Applications

The S3C valve provides dependable barriers for various applications, including BOP maintenance, casing testing, and batch drilling, to help improve well security and personnel safety by allowing the drill string to remain in place during suspension.



Super Subsurface Control (S3C) valve

Operational capabilities

The S3C subsurface control valve supports the work-string weight with standard RTTS® packers or Intercept assembly packers and features a right-hand rotation release mechanism that does not require pressure or annulus integrity to disconnect. An integral bumper subsystem can be included for neutral point detection when deployed on floating vessels or extended-reach applications. The valve can be opened at maximum differential pressure to check pressure buildup and manage large volumes of drilling fluid.

The S3C valve is validated to API 19AC V3 requirements up to 15,000 psi as well as API 11D1 V0 requirements up to 10,000 psi when paired with an Intercept assembly.

Super Subsurface Control (S3C) valve specifications

TYPE	ASSEMBLY OD (IN.)	CASING SIZE RANGE (IN.)	PRESSURE RATING (PSI)	TENSILE (LB)	TEMPERATURE (°F)	VALVE TYPE
S3C	8.25	9 5/8 to 20	up to 15,000 V3 up to 10,000 V0*	400,000	38-300	Ball

Note: *For V0 ratings with the Intercept® packer, refer to the performance envelope.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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