

Drain Sub and Jetting Drain Sub

SINGLE ACTIVATION BYPASS TOOL FOR A WIDE RANGE OF APPLICATIONS

OVERVIEW

The CleanWell® Drain Sub is designed to offer a simple and reliable one-time fluid bypass. The tool offers split flow capabilities or a full bypass with flow to the bit blocked, depending on the size of the activation ball used. The tool can be used as a standalone device or with other CleanWell tools, most commonly with the CleanWell® Vac Tech® downhole eductor system to provide an option for conventional circulation after cleanup operations are complete. The tool can be activated by pumping down the activation ball or landing the ball and applying pressure in the event that some portion of the string below the tool has become blocked or flow is impeded. A jetting version of the tool is also available for BOP cleaning, changing only the upper section of the tool to provide ports with nozzles, while keeping the remaining tool components the same.

FEATURES AND BENEFITS

- » Simple, robust design
- » High torque internal connection
- » Small activation ball to block flow to bit and direct flow out of ports
- » Large activation ball for split flow applications (ports and bit)
- » Rated to 8,000 PSI differential pressure
- » Large port flow area
- » High flow rate capabilities when open in all fluid types

Drain Sub and Jetting Drain Sub – Specifications

Tool Type	Tool OD (in.)	Casing Size (in.)	Total port/nozzle flow area (sq. in.)	Rig Connections
Drain Sub	7	9 5/8 and up	5.31	NC50
Drain Sub	5	7 – 8 5/8	5.31	NC38
Jetting Drain Sub	7	9 5/8 and up	0.91	NC50

For additional sizes and material grade, please contact your Halliburton representative.

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

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