



PBR Cleaning Tool

Weatherford's PBR cleaning tool is used to remove debris and excess cement from the inside of a liner-top polished bore receptacle (PBR) that would prevent tie-back equipment from forming an effective seal with the ID of the PBR.

The PBR cleaning tool consists of a tie-back polish mill, spacer sub(s), and top-dress mill. The tie-back mill is rotated inside the PBR to clean it. The top-dress mill is rotated at the top of the PBR, cleaning the entry profile at the top of the PBR and providing space-out so that the tie-back mill does not extend too far into the PBR.

Applications

- Run before any tie-back application

Features, Advantages and Benefits

- PBR tie-back polish mill design allows excellent cleaning of the PBR ID, ensuring that the tie-back seal stem can create an effective seal.
- Top-dress mill cleans the top of the liner-top PBR entry profile, ensuring easy access of seal stems into the PBR to save rig time.
- All cutting assemblies are made of 80-ksi material, which is as soft as, or softer than, Weatherford's PBR material, ensuring that the PBR is not damaged during the cleanup process.
- With standard drillpipe-compatible connections at the top and bottom, the PBR cleaning tools can be run on drillpipe, and a drillpipe wash string can be run below the tools.

Specifications

Contact an authorized Weatherford representative.

Options

- Standard-length tool can be used for cleaning 6-ft (1.8-m) PBRs; however, with additional pup joints, the same tool can be used to clean 10-, 15-, 20-, and 30-ft (3.0-, 4.6-, 6.1-, and 9.1-m) PBRs as well.

