



NXG-HCS: HOLE CLEANING SUB

DEVELOPED TO OVERCOME THE TOUGHEST CHALLENGES.

NXG'S PATENTED HOLE CLEANING SUB HAS BEEN DEVELOPED TO OVERCOME THE TOUGHEST WELL CONDITIONS OF ANY OPERATION.

The Hole Cleaning Sub is designed to agitate and re-suspend cuttings which have settled on the low side of the hole, particularly in highly deviated sections in excess of 40° where the build-up of cutting beds is often most acute.

The patented blade profile was designed using computational fluid dynamic techniques where it was originally shown that the tool is able to produce a considerable enhancement in cutting bed dispersal over extended periods of time when compared to a drill string without any mechanical assistance.

This serves to reduce drill string torque and drag, pick-up and slack-off friction, wiper trips, and stuck pipe issues, especially if ran in conjunction with Torque Reduction Tools.

KEY FEATURES

- Utilises patented impeller and scoop technology, designed to efficiently disperse cutting beds
- Serves to reduce drill string torque and drag, pick-up and slack-off friction, wiper trips and stuck pipe issues
- Short, one-piece, durable tool that can be racked back in the derrick, reducing operational costs and enabling on demand hole cleaning capability
- Hard faced with casing friendly material to reduce casing and tool joint wear
- Industry standard hard banding applications available to meet specific customer specifications
- Can be run in conjunction with Torque Reduction Tools
- This product is also available in a Heavy-Weight Drill Pipe format
- A placement program for optimum hole cleaning can be performed on request

Sizes available from 3-1/2" to 6-5/8"