

“Can do” is no match for “have done”

“World First for Caledus”

Well Challenge:

Eliminate the need for a dedicated wellbore clean-up trip in the well but still reduce the potential risks from steel swarf and other debris causing packer setting and sealing issues.

Client concerns.

- Having no dedicated clean up trip could leave potentially harmful steel debris in well.
- Sharp burrs and steel swarf could cause elastomer problems, can we trap this somehow?
- Clean-up trips are becoming very expensive, can we save on this?
- Can I run my completion and adequately clean at the same time?
- Can I source a device which can be cost effective for this requirement?

TD Solution™:

Listening to the concerns and requirements as listed above, Caledus set to work designing and delivering a new wellbore clean-up technology, “Disposable CleanUP Tool”. This new tool was designed to allow a cleaning run to take place at the same time as the completion was being installed. The tool is equipped with spring steel bristle wires for cleaning the inner diameter of the casing and strong magnets for collecting and trapping ferrous debris. This particular design was able to be clamped onto the casing being installed rather than being an integral part of the casing with connections.



Result/Benefit:

Caledus has recently deployed this single trip technology for a leading operator in Perth Australia. This simple, yet highly effective technology has seen a successful completion conclude with no time consuming dedicated clean-up trip or packer setting and sealing problems. Further use of this technology (Disposable CleanUP Tool) is planned by the same client.

Success Story #104

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