

EquiFlow® Washpipe-Free Adjustable AICD

IMPROVING OIL RECOVERY AT LOWER COST WITH WASHPIPE-FREE COMPLETIONS

OVERVIEW

Halliburton EquiFlow® autonomous inflow control devices (AICDs) improve completion performance and efficiency by functioning autonomously to balance inflow across the length of the completion while restricting unwanted water or gas production when breakthrough occurs. The oil or water/gas path is selected based on the fluid properties within the device. The AICD is designed to induce a low pressure drop to balance oil flow and significantly restrict water and/or gas flow.

The AICD contains no moving parts, requires no connection to surface, does not rely on intervention of any kind, and requires no specialized installation procedures or equipment.

Completions with AICDs have proven to improve oil recovery by balancing the flow of reservoir fluids. This balanced production delays the onset of gas and water while simultaneously encouraging oil production. Balanced production also improves reservoir drainage with consequently higher oil recovery.

WASHPIPE-FREE AICD COMPLETIONS

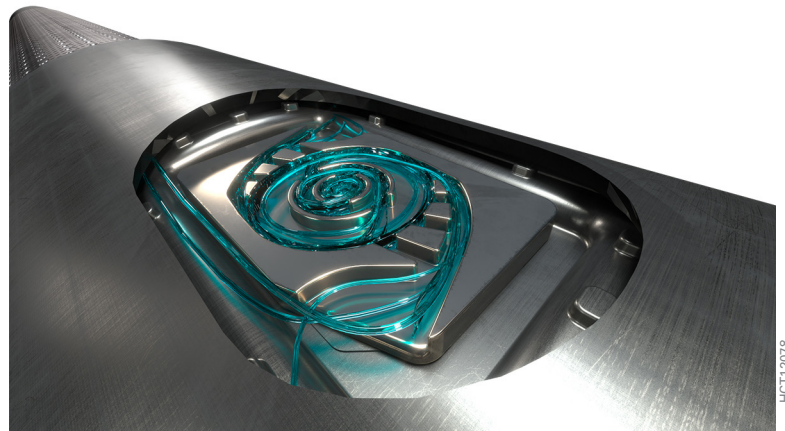
The innovative EquiFlow® washpipe-free adjustable AICD uses blanking plugs to adjust the flow settings through the device. Dissolvable plugs are an option to block the flow paths to the AICD at the basepipe perforations and disappear after the completion is installed and fluid displacement is complete. The dissolvable technology has an extensive track record in unconventional completions and proven in multiple installations with inflow control device (ICD) completions. The EquiFlow AICD washpipe-free completion maintains the capability to washdown, circulate from the end of the bottomhole assembly (BHA) to navigate through tight spots and allow fluid displacement, with the additional benefits of rig time savings and greater operation efficiency by reducing risk.

FEATURES

- » On-site adjustability
- » Need for washpipe eliminated
- » Washdown and openhole displacement
- » Mudcake breaker placement
- » Openhole packer setting, where required
- » Fully open prior to production/injection
- » No fluid communication through screen jacket

BENEFITS

- » Requires no additional operational steps
- » Saves rig time and washpipe rental cost
- » Reduces risk of hole-related issues due to time left open



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

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