# Clean Out Jetting Switch

## Seamless switch from jetting, sand & well suction modes

The Clean Out Jetting Switch redefines efficiency in well cleanout operations by providing seamless transitions between jetting, sand and well suction modes. Engineered for flexibility and ease, it attaches 2-1/8" Cleanout tooling, offering robust performance in challenging environments without the requirement for Nitrogen. Independent of bottom hole pressure, this innovative tool simplifies setup and operation. Designed for compatibility with acid, it's built from durable, industry-standard materials. Operators can achieve optimal functionality and time savings with minimal surface intervention.

## Features & Benefits

- Mode Versatility: Switch between jetting, sand and well suction modes without pulling the BHA.
- Bottom Hole Pressure Independence: Operates seamlessly, ensuring reliability in varied conditions.
- Acid Compatibility: Performs effectively in acidic environments for diverse applications.
- Clear Mode Indicators: Provides a distinct pressure signature for easy mode verification.
- Inclusion of pressure and temperature memory gauge.
- No Nitrogen requirements

## Typical Applications

- Breaking through consolidated fill with jetting mode.
- Efficiently cleaning sand and debris in sand suction mode.
- Removing fluids post-cleanout in well suction mode.
- Switching modes in horizontal and highly deviated wells.
- Performing acid treatments without equipment degradation.

## Specifications

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| **Tool OD** | 2.125" |
| **Jetting Switch Length** | 59.25" |
| **Overall Length Attached to Well/Sad Suction Tool** | 131" |
| **Maximum Operation Temperature** | 150°C |
| **Maximum Tool Pressure** | 10,000 psi |
| **Maximum Tensile Pull** | 21,000 lb |
| **Compatible Fluids** | Brine, Diesel, Inhibited Acid |