

CoilFUSE Safety Valve and Well Control Sub

During post-drillout rig down of the mid-string assembly, a compromised lower bottomhole assembly (BHA) can present well control challenges. If pressure isolation cannot be obtained, costly and time-consuming solutions may be required to regain well control before recovering the remaining work string.

NOV's CoilFUSE™ Safety Valve is a passive well control device that enables the user to manually isolate the tubing string during rig down of the mid-string assembly. Once the valve is activated and pressure control is confirmed, the mid-string tools above it can be safely rigged down.

Before retrieving the lower tubing string from the well, a dart is deployed and seated in the CoilFUSE Well Control Sub (WCS) in the lower BHA, creating an additional well control barrier. Once pressure control is confirmed, the CoilFUSE Safety Valve and remaining mid-string tools can be safely rigged down, enabling spooling operations to resume.



Features and Benefits

- Passive well control contingency system
- On demand activation
- Prevents costly well control intervention
- Enables safe retrieval of lower tubing string
- Premium grade alloy and thread design

CoilFUSE Safety Valve

OD	3⅞ in.	3⅞ in.
Length	18 in.	18 in.
ID	1 in.	1 in.
Max Pump Rate	336 gpm	336 gpm
Temperature Rating	400°F	400°F
Pressure Rating	10,000 psi	10,000 psi
Tensile Rating	216,000 lbs	216,000 lbs
Connection	2⅝ REG	2⅝ REG

CoilFUSE Well Control Sub

OD	3⅞ in.	3⅞ in.
Length	10 in.	10 in.
ID	.86 in.	.86 in.
Max Pump Rate	336 gpm	336 gpm
Temperature Rating	300°F	300°F
Pressure Rating	10,000 psi	10,000 psi
Tensile Rating	300,000 lbs	300,000 lbs
Connection	2⅝ REG	2⅝ REG