



Lightning Frac Plug

OVERVIEW

The Packers Plus Lightning™ Frac Plug is set using a setting tool run on wireline, enabling rapid field adjustments for stage placement in the wellbore. The plug is rated up to 10,000 psi differential and capable of running in conditions up to 300°F. It is used together with a ball pumped from surface to provide zonal isolation. A short overall length facilitates millout operations after stimulation is complete.

OPERATION

When the completion string in the wellbore is ready for stimulation operations to begin, the Lightning Frac Plug is run in on wireline along with the setting tool, and typically in conjunction with perforation guns to the planned depth. Once on depth, the setting tool is functioned to set the slips against the casing, holding the plug in place. After the casing is perforated and the wireline pulled out of hole, a ball is then pumped down from surface to land in the Lightning Frac Plug, providing isolation from the zones below and enabling stimulation of the stage.

APPLICATIONS

- Cased hole
- Cemented liner
- Horizontal and vertical wells
- Isolation of individual zones for stimulation

CAPABILITIES

- Short length facilitates:
 - Quicker millout operations
 - Fast pump-down operations
- Can be used in conjunction with other Packers Plus tools
- Designed with two slips to firmly lock the tool in place
- Ball provides zonal isolation prior to stimulation operations
- Option to run ball inside the setting tool
- Set with wireline-deployed setting tool
- Optional pump-down fin available
- Wireline adapters available