Shorty Composite Frac Plug

Isolates a formation for fracturing operations in single- or multiple-zone plug-and-perf completions

Applications

- Single- and multiple-zone stimulation
- Vertical, deviated, or horizontal wellbores

Features and Benefits

- Composite top slip with powder metal buttons allows for quicker drillouts than conventional metal slips.
- Field-proven lower slip design has optimized metal content to enhance milling while maintaining superior anchoring.
- The beveled bottom prevents the body from spinning, which decreases the time to drill out multiple plugs.
- Lightweight cuttings easily rise to the surface and circulate out during drillout.
- An optional pumpdown ring can be installed to reduce the amount of fluid needed to pump plugs in the well horizontal.

Tool Description

The Weatherford Shorty composite frac plug isolates the formation to enable fracturing in single and multiple-zone applications. The plug is available in a top ball configuration, which provides a large flow area for communication below the plug after a dropped ball seals off communication during fracturing operations.

The composite frac plug meets or exceeds International Standards Organization (ISO) 14310 and American Petroleum Institute (API) 11D1 pressure hold criteria.

The Weatherford Shorty composite frac plug endures rigorous testing, including a true differential test to the maximum rated working pressure and a full 1-hour hold test.

Specifications

Casing Size	Casing Weight	Maximum OD	Length	Internal Diameter	Temperature Rating	Pressure Rating	Setting Tool
4.5 in. (114.3 mm)	11.6 to 13.5 lb/ft (17.26 to 20.09 kg/m)	3.66 in. (92.9 mm)	19 in. (482.6 mm)	0.81 in. (20.57 mm)	250°F (121°C)	8,000 psi (521 bar)	Baker 10 or Owen
5.5 in. (139.7 mm)	17 to 23 lb/ft (25.30 to 34.26 kg/m)	4.38 in. (111.25 mm)	21.4 in. (543.5 mm)	1.31 in. (33.27 mm)	250°F (121°C)	8,000 psi (521 bar)	Baker 20 or Owen
	20 to 23 lb/ft (29.76 to 34.23 kg/m)		22.05 in. (560.07 mm)	0.81 in. (20.57 mm)		10,000 psi (689 bar)	