



Jet Frac™ Straddle System

Weatherford's *Jet Frac* straddle system is a multi-set, monobore, selective isolation tool for remedial stimulation.

This system is rented as part of the *Jet Frac*™ service provided only by a Weatherford service technician. The technician makes up the system in the tool string, oversees the operation of the system downhole, and pulls the system from the hole.

Applications

- The *Jet Frac* straddle system is designed for selective fracturing, acidizing, perforations and screen treating, tubing testing, and selective polymer treatments for water shut-off.

Features, Advantages and Benefits

- Packers can be set multiple times, moved to different locations between each setting cycle and then returned to the surface—resulting in cost savings over multiple trips with packer and plug.
- Packers are set by differential pressure created by fluid velocity moving through an orifice sub or the *Jet Frac* valve, eliminating the need for pipe movement to set the packers and making the system ideal for deviated and horizontal wells.
- Packers are released by stopping pumps and/or activating the set-down unloader at the top of the system, eliminating the need for pipe movement to release the packers and making the system ideal for deviated and horizontal wells.
- Treatment fluids are directed at the target zone between packers by flow rate through either the orifice sub or the *Jet Frac* valve, providing an adjustable injection rate tailored to the well's requirements.
- One-piece mandrel incorporates a proprietary slotting technique that enables packers to be spaced out to cover long sections of screen or perforations, and which is designed to prevent solids from entering hydraulic areas, thereby minimizing misruns.
- Spring-assisted release prevents swabbing when packers are moved, minimizing misruns.

Set-down unloader

Upper *Jet Frac* packer

Jet Frac valve

Lower *Jet Frac* packer

Ball-lock guide nose





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Specifications

Tubing OD (in.)	Tool Body OD (in./mm)	Gauge Ring OD (in./mm)	Standard Thread Connection
2-7/8	2.150 54.61	2.150 54.61	1 1/4-in. WTS-8
		2.215 56.26	
		2.250 57.15	
		2.310 58.67	
3-1/2*	2.563 65.10	2.625 66.68	1 1/2-in. WTS-8
		2.720 69.09	
		2.810 71.37	
4-1/2	3.500 88.90	3.625 92.08	2 3/8-in. WTS-8
		3.650 92.71	
3.720 94.49			
5		4.000 101.60	
		4.250 107.95	
5-1/2	4.500 114.30	4.500 114.30	
		4.625 117.48	
4.750 120.65			
7		5.715 145.16	
		5.812 147.63	
		5.938 150.83	
		6.078 154.38	
		6.250 158.75	

* Consult the applicable Weatherford global product line manager for availability of sizes noted.