Packers

IPI

Made differently
Perform better

InflataTEST™

InflataTEST™:

InflataTEST™ is the first rod-conveyed multi-set inflatable packer system available in the oil and gas industry. It is a rigless system deployed from a flush-by unit in applications where operators need to confirm tubing integrity or identify leak locations prior to selecting an optimal setting depth for IPI's nipple-less Insert-PCP anchoring system, InflataLOK™.

It is equipped with seal cups and an Automatic Dump Valve (ADV) to enable multi-cycle packer inflation by simple pressurization of the production tubing. Packer inflation takes place when applied pressure within the annulus between the sucker rods and the tubing ID energizes the system's seal cups, and inflation fluid is diverted towards the inflatable packer through the ADV valve. Bleeding off applied pressure downhole enables hydrostatic testing in dry tubing and allows the inflatable packer to deflate, which allows it to be positioned at different locations for additional tests.

InflataTEST™ is a unique solution for cost-effective rigless optimization in wells completed with I-PCP's. It selectively confirms tubing integrity without the need for workstring-conveyance or rig-deployed test packers, and eliminates the operational risks associated with setting an I-PCP across a tubing leak.

Applications:

◆ Tubing integrity test

Benefits:

- ◆ Sucker Rod / "Flushby" unit deployed
- ◆ Positive Test operation
- ◆ Multi Set
- ◆ Standard Tubing Sizes
- ◆ Premature Inflation Preventer
- ◆ Downhole deflation enables hydrostatic testing in dry tubing
- ◆ Hydraulic set – suitable for deep and deviated wells
- ◆ Tubing sizes - 3.5" and 4.5"; other sizes in development

Tool Specifications:

	InflataTEST™	
Maximum Tool OD	2.756"	70 mm
Minimum Tubing Size	3 ½" x 10.20 ppf	
Maximum Tubing Size	4 ½" x 9.50 ppf	
Assembly Length	70.4"	1,787 mm
Thread Connection	1.900" EUE	
Maximum Differential Pressure in 3.5"	3,000 psi	21 MPa
Maximum Differential Pressure in 4.5"	2,000 psi	14 MPa
Minimum Setting Pressure	750 psi	5.2 MPa
Emergency deflation	Right hand rotate	