

AccuStim™

COILED TUBING STRADDLE PACKER



OVERVIEW

Interra Energy's AccuStim™ coiled tubing straddle packer is used to refrac existing wells, or stimulate new wells that have pre-perforated casing or coiled tubing activated sleeve systems installed.

Featuring a fully enclosed system, our proprietary design mitigates the risk of proppant and wellbore debris affecting the mechanical operation of the tool. Additionally, the bypass system minimizes time between stages resulting in maximum efficiency during stimulation.

Whether you are completing a new well, restimulating existing stages or activating hydraulically actuated sleeves, the AccuStim straddle packer provides an efficient and reliable option.

OPERATION

The AccuStim coiled tubing straddle packer is deployed on coiled tubing (or jointed pipe) to the first StrataJet® multistage coil frac sleeve or pre-perforated interval. The straddle assembly is set in compression to fully isolate the interval from all other stages.

For StrataJet sleeve applications, pressure is applied down the coiled tubing (or jointed pipe) to activate and open the sleeve. The stimulation treatment is pumped through the tubing for either a sleeve or preperforated interval.

Weight is released from the packer to move the straddle assembly uphole to efficiently stimulate subsequent stages in a single deployment.

Features & Benefits

- ★ Stimulate multiple stages in a single trip.
- ★ Large injection port.
- ★ Integrated fluid diverter.
- ★ Ability to easily circulate a screen out.
- ★ Proprietary hydraulic hold down for all pressure applications.
- ★ Pressure automatically equalizes when unset.
- ★ Tri-seal design to ensure isolation between stages.
- ★ Ability to place data recorders in bottom hole assembly (BHA).

SPECIFICATIONS

Options for 101.60 mm (4.00 in.), 114.30 mm (4.50 in.), 139.70 mm (5.50 in.), and 146.05 mm (5.75 in.) casing sizes.

APPLICATIONS

- Refrac existing wells.
- Activating StrataJet hydraulically actuated sleeves for stimulation.
- Stimulating preperforated zones.
- Acidizing/acid stimulation.
- Testing of individual zones.