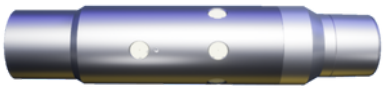
INTERRA ENERGY SERVICES

DATA SHEET

StrataJet®
MULTISTAGE SYSTEM



OVERVIEW

Interra Energy's StrataJet® multistage system uses pressure activated sleeves that are opened in conjunction with our AccuStim™ coiled tubing straddle packer, which is also used to deliver the stimulation treatment to each stage. The unique design of the StrataJet multistage coil frac sleeve provides a full inside diameter (ID) tool capable of unlimited stages. Compared to burst port style systems, 100% flow area and 360° reservoir access is ensured upon shifting. The system can be run as a cemented or open hole completion.

Features & Benefits

- Unlimited stimulation stages.
- Unrestricted full ID wellbore.
  - Provides limitless remediation and restimulation possibilities.
  - Does not require drill out.
- Wellbore above treated interval remains closed avoiding frac break around when compared to preperforated laterals.
- Pressure-activated sleeves do not require mechanical manipulation by a shifting tool.
- Coiled tubing circulation enables ease of wellbore circulation in case of screen out.
- Phased port configuration provides 360° reservoir access.
- 100% flow area reduces friction during stimulation.
- Specially designed cement/debris sealing system ensures reliable tool activation.
- Can be run in cemented or open hole completion designs.
- Does not require pup joints.

OPERATION

The StrataJet multistage coil frac sleeves are installed as part of the casing string during the completion process. The tools are spaced within the wellbore based on client requirements to effectively target the reservoir.

Interra Energy's AccuStim™ straddle packer is then deployed on coiled tubing (or jointed pipe) to isolate and stimulate each stage within the wellbore. With the isolation tool positioned across the first StrataJet sleeve, hydraulic pressure applied down the coiled tubing (or jointed pipe) activates the sleeve to open, providing reservoir access.

The stimulation treatment is then pumped through the coiled tubing (or jointed pipe). The process is repeated for subsequent stages to efficiently stimulate the wellbore in a single tool deployment.

SPECIFICATIONS

Tool Size mm (in.)	Max. Outside Diameter (OD) mm (in.)	Min. ID mm (in.)	Total Length m (ft)
114.3 (4.500)	143.00 (5.63)	100.58 (3.960)	0.49 (1.61)
139.7 (5.500)	174.63 (6.875)	124.46 (4.900)	0.66 (2.17)