Hydra-Jet™ SPT System
 Enables more efficient jetting in a large wellbore from inside small production tubing

The Halliburton Hydra-Jet™ SPT (self-positioning tool) system is a thru-tubing tool that combines jetting technology with a self-bending system that is activated when pressurized. Unique to the industry, this system bends toward the surface to be jetted, challenging the reaction forces caused by the jets itself.

**Ideal for Passing Through Small Restrictions**
The typical application of this device is jetting in larger wellbores when the tool has to pass through small restrictions, a common occurrence in production completions. As the coiled tubing is run to depth and positioned opposite the wall to be jetted, rate is established at surface and the downhole pressure causes the tool to bend, reducing the jet standoff substantially. As seen in Figure 1, the jets can move up to 4 to 6 inches (101 to 152 mm) closer to the wellbore wall target. This distance makes the jetting more efficient than previous hydrajetting tools.

**Self-Bending System Improves Efficiency**
By using this system, a number of improvements are possible:

- More effective jetting of casing or rock
- Faster execution due to less dispersion of the jet stream and more coherent flow
- Better cleaning of surfaces due to closer interaction
- More focused injection of chemicals into the rock matrix

Not only do all the above advantages represent a step change in the hydrajetting scenario, but also the Hydra-Jet™ SPT system offers the significant advantage of adaptability to smaller ID tubing before operating in larger sizes of casing or open hole.

**Benefits**
- Existing completions do not need to be removed before the execution of the job
- No workover rig is required
- Avoiding time- and money-consuming operations

For more information, contact your local Halliburton representative or email us at production-solutions@halliburton.com.

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