

THRU-TUBING SPECIALTY TOOLS

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EXTENDED REACH TOOLS

- Abrasive Perforating
- Shifting Tools

Abrasive Perforating

Abrasive perforating is a specialized completion technique used to create high-quality flow paths between the wellbore and the reservoir. Unlike traditional shaped-charge perforating, which uses explosives to punch holes, this method utilizes a high-velocity slurry of fluid and abrasive solids (typically sand) to “cut” through the casing, cement, and formation.

How It Works

The process involves pumping a proppant-laden fluid through specialized nozzles located on a tubing-conveyed tool string. The resulting high-pressure jet erodes the steel and rock, creating a clean, large-diameter cavity.