ComPlete™ RST System

Superior Completion Services’ patented ComPlete™ Releasable Single-Trip (RST) System allows the operator to perforate, and gravel pack or frac-pack zones of interest within a single-trip into the wellbore.

Guns are anchored into a previously set depth verification tool (DVT), allowing the GP/FP components to be released and placed at a safe distance from the perforating operations. This separation helps eliminate the transmission of mechanical shock loads and uses the fluid column to reduce the pressure wave from gun detonation, avoiding damaged packers, twisted screens, premature packer setting and other types of failures associated with perforating gun detonation.

APPLICATIONS

- Ultra-deep completions
- Cased hole completions with sufficient sump area
- Critical fluid loss control completions
- Underbalanced and overbalanced perforating

TECHNICAL DATA

Available Sizes 5 to 10 ⅛ inch (127.0 to 257.2 mm)
Differential Pressure Rating up to 12,500 psi (86.2 MPa)
Temperature Rating 350°F (177 °C)

REFERENCES

ComPlete™ system data sheets (FP, MST)
CompSet™ packers data sheet
Depth verification tool data sheet
Flapper valves data sheet
ISO isolation system data sheet
Multi-position multi-service valve data sheet
Multi-cycle on-off tool data sheet
ComPlete™ RST System: Operating Sequence

Set Depth Verification Tool (DVT)
Running Perforating/Gravel Pack Assembly
Disengage Gravel Pack Assembly
Reposition and Set Perforation Packer, Detonate Guns, Release DVT
Reposition Gravel Pack Assembly
Gravel Pack Frac-Pack