

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 1/8 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

Features and Benefits

- Saves rig time
- Reduces fluid losses
- Eliminates need for a separate perforating run
- Eliminates logging trip to place gun on depth
- Eliminates the effects of mechanical shock loads at gun detonation
- Reduces pressure pulse at gun detonation
- Minimal rathole requirements, perforations plus approximately 30 ft (9.1m) below the DVT
- DVT run on wireline or tubing prior to the packer and gun assembly
- DVT released upon gun detonation
- Provides the standard **ComPlete FP System** capabilities
- May be integrated with interventionless production initiation systems

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**

