

ComPlete™ PST System

Superior Completion Services' **ComPlete™ Production Single-Trip (PST) System** allows the perforating, and gravel pack or frac-pack of a single zone in a single-trip. With the **ComPlete™ PST System** the perforating guns and GP assembly are run into the wellbore on the production string. No service tools or work strings are required. This configuration allows the placement of a GP or FP in only the squeeze configuration. The system utilizes the same perforating gun and GP separation method as the **ComPlete™ RST System** to avoid possible issues with gun shock and pressure waves at the time of gun detonation.

APPLICATIONS

- High-pressure wells
- Severely depleted wells
- Marginal wells

TECHNICAL DATA

Available Sizes	5 to 10 1/8 in. (127.0 to 257.2 mm)
Differential Pressure Rating	up to 12,500 psi (86.2 MPa)
Temperature Rating	up to 350°F (177°C)

Features and Benefits

- Saves rig time
- Reduces fluid losses
- Eliminates the need for service tools, work string and wash pipe
- 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
- Multiple treating positions available: reverse and squeeze
- Minimal rathole requirements, perforations plus approximately 30 ft (9.1 m) below the DVT
- May be integrated with interventionless production initiation systems

REFERENCES

ComPlete™ RST system data sheet

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

Franklin, B., Daulton, D. and Farias, R. April 2009. Creating the Economics for Completion. Oilfield Technology: 3-6.

ComPlete™ PST 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	Break Disk Produce Well
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