

PerfPro™ Single-Trip

Abandonment System



Patented Single-Trip Method for Controlled Perforating, Injection & Isolation



Setting a New Standard in Safe, Efficient Well Abandonment

OSP's PerfPro™ Single-Trip Abandonment System is built on a **patented** method that integrates mechanical perforating, injectivity confirmation, cement placement, and final barrier installation into a single operational run. By removing the multi-trip and wireline requirements of conventional programs, the system reduces rig time and associated costs while providing a controlled, non-explosive approach that improves safety and minimizes operational exposure.

CLOSED-LOOP SINGLE-TRIP METHOD

Unlike conventional workflows that use wireline services, shaped charges, and multiple trips, the PerfPro™ Single-Trip system completes perforating, injectivity verification, cement placement, and isolation in a single hydraulically driven run. This patented method employs mechanical perforating with repeatable cycles until injectivity is confirmed, then proceeds directly to cement placement and final barrier installation without pulling out of hole.

OSP's combined multiple key technologies provide:

- Reduction in trips
- Reduction in operational risk
- Increased operational efficiencies
- Rig time savings
- Reduction in POB & related costs



APPLICATIONS

- 🔥 Block squeeze jobs for remedial cementing.
- 🔥 Spotting balanced cement plugs with precision.
- 🔥 Reservoir isolation and stimulation preparation.
- 🔥 Abandonment and integrity restoration projects.

"The Single-Trip PerfPro™ Perf & Squeeze System represents a paradigm shift in well intervention and integrity solutions - combining safety, efficiency, and reliability in one patented, proven system." ~ Blake Arabie, SVP Technology



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KEY FEATURES & BENEFITS

Hydro-Mechanical Perforating

Explosive-free, hydraulically actuated blades safely and reliably perforate casing and cement sheath without the risks and logistics of shaped charges.

Single-Trip Efficiency

Allows for perforating and squeeze cementing in one continuous operation, eliminating multiple trips, wireline dependencies, and non-productive time.

Integrated Zonal Isolation

Works seamlessly with retrievable service packers, bridge plugs, and cement retainers to provide superior wellbore integrity and precise cement placement.

Unlimited Repeatable Perforations

Allows continuous cutting until desired flow or injectivity is achieved, enabling unmatched operational flexibility.

Rig & Personnel Safety

Compact, transportable system reduces deck space requirements, logistics challenges, and the hazards associated with explosives.

Patent Application No. 63/596,945

ABOUT OSP

OSP is a global provider of performance-driven wellbore intervention technologies, trusted for API 11D1-qualified solutions and rapid-response service across land and offshore operations.

