

# Stronghold® Fortify® System

## Permanent Caprock Integrity

The Stronghold® Fortify® system is the next generation barrier verification system used in plug and abandonment (P&A) and slot recovery. It is a superior system used to verify the integrity of existing annular barriers such as creeping formation and cement, ensuring Permanent Caprock Integrity.

Archer's Stronghold® Fortify® system provides a reliable verification of annular integrity, and is an effective alternative to traditional integrity testing.

Archer's Fortify® system achieves this in just 1 trip by:

- Perforate the casing
- Test the integrity of the annulus
- Verify annulus integrity utilizing a unique pressure verification system
- Cement across the perforated area

The significant improvement from the standard integrity tests systems in the market is the two independent pressure and temperature sensors integrated in the Fortify® system. The sensors deliver two independent verifications in addition to traditional volume verification.

Fortify® is the next generation barrier verification system.

### Features & benefits

- One-trip system
- Integrated pressure verification system with primary and back-up temperature and pressure gauge including a live gauge option to confirm annular integrity
- Small test volume for accurate integrity testing
- Solid ballseat system eliminating the need to drop balls or darts from surface
- VO rated ball valve system

### Specifications

Typical casing sizes, in	6 5/8 - 7 5/8"	9 5/8" x 16"
Min ID, in	2.2	2.3
Pressure rating, psi [bar]	5,000 [344]	5,000 [344]