

Stronghold Barricade System Permanent Caprock Integrity



Specifications

Casing Size, in	6 5/8 – 7 5/8	9 5/8 – 16
Min ID, in	22	23
Circulation rate, lpm [bbl/m]	1,600 [10]	2,200 [14]
Pressure rating, psi [bar]	5,000 [344]	5,000 [344]

Adjustable distance between swab cups from 1 – 3 ft

The Stronghold® Barricade® is a perforate, wash and cement placement system that reduces plug and abandonment (P&A) costs by creating a rock-to-rock barrier in one trip.

With the addition of the one-trip TCP (Tubing Conveyed Perforation) module, the Barricade® is designed to wash and clean the annulus of a perforated casing or liner in a selected formation zone or between casings, then accurately place a permanent barrier.

Application

- Well abandonment
- Isolating Sustained Casing
- Pressure (SCP)
- Screen washing
- Slot recovery

Features

- High circulation rates
- Dual swab cup either side of washing ports
- Flow by-pass system
- Disconnect system available
- Ball or dart drop available

Benefits

- Field proven
- Significant time and cost savings
- Effective rock-to-rock sealing barrier
- No section milling and swarf handling
- No underreaming
- Efficient one-trip system with TCP
- No surge or swab effect
- Performs the fastest perforate, wash, and cement operations in the market

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