

# Well Construction

## Cementing Technologies



### One trip cementing and well barrier creation.

BarrierCure utilizes the SeaCure™ inner-string to mechanically activate a valve that is run at the bottom of a casing or liner, immediately after the primary cement job as part of the cement placement string. This eliminates or significantly shortens the shoe track, providing a gas-tight, V0-rated mechanical barrier. This system also eliminates the clean out trip and bridge plug run, allows negative testing, balanced plug placement and displacement to suspension fluid in one trip, saving multiple days of rig time

### Applications

Production casing or liner strings where suspensions may be necessary following cementing operations for:

- Long and short term suspension
- XT installation
- Weather-related riser LMRP unlatching
- BOP maintenance

### Features and Benefits

- Internal assembly is PDC drillable
- Activated using Expro Cure Technology
- Primary cement through BarrierCure without exposing critical seals or sealing surfaces
- Immediate, post-cementing V0 barrier establishment
- Set second barrier immediately on BarrierCure base
- Fluid circulation and suspension for immediate abandonment operations

### Technical specification

- API Specification 10F flow durability: D24/R10/AF12
- API Specification 11D1 / ISO 14310 V0 Gas tight
- 15 ksi
- 400 deg F
- Available in sizes from 5-1/2" to 10-1/8"

