

Customised 252-350 Permanent Plug provides non-pyrotechnic solution for limited rig-up space.

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Region: Australia



Key Achievements

- ISO 14310:2008/Vo Rated
- Compact size.
- Optimise MU length.
- Designed for optimal milling.
- Simple design.
- One plug design covers a wide range of casing weights.

Challenge

A south-east Australian Operator was running a Plug and Abandonment (P&A) campaign on offshore wells. A Vo permanent barrier solution in 3.5" pipe was required, but as Rig-up height was very limited a short bridge plug and a short running tool was needed. When looking the operator found no available solution in the market.

Solution

Interwell designed and manufactured a customised product, the 252-350 Permanent Plug (PP) which offers a competent ISO 14310:2008/Vo rated barrier. The 252-350 PP was combined with one of the shortest setting tools on the market, Interwell's Electronic Setting Tool, creating an extremely short and compact, non-pyrotechnic bottomhole assembly (BHA). Short enough to fit within the confines of the offshore rig-up height.

Value

The customised 252-350 PP was engineered, manufactured, qualified, and mobilised to the job in a short timeframe - meeting the operator's intervention schedule. It was successfully rigged up, run to depth, set and tested - providing a permanent, competent Vo barrier that required no cement on top. This customised solution enabled the operator to successfully plug and abandon a platform using conventional techniques - avoiding the high cost and long lead time of using bespoke alternatives.

