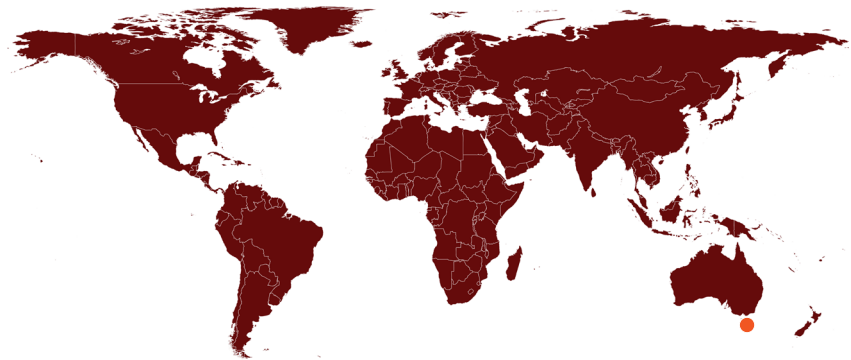


CASE HISTORY

Workover: Production Improvement



Production Annulus Isolation Barrier to back up the Production Packer

Single Set Packer and Cement Retainer Kit

Location: Bass Strait, Victoria, Australia

CHALLENGE: The operator needed to create annulus isolation without removing the production string.

SOLUTION: TAM deployed an inflatable Cement Retainer on 1.66-in. drill pipe through several restrictions in the production string. A cement plug was placed inside the 3 ½-in. tubing above a wireline bridge plug and the 3 ½-in. tubing was perforated above the production packer depth. A 1.69-in. Single Set Cement Retainer Assembly with 2 ½-in. bi-directional thru-tubing inflatable element and a cement retainer kit was run and set at 2,690 MD. Cement was pumped through the Single Set Cement Retainer and perforations to create back-up isolation above the production packer.

The Single Set Cement Retainer Running Tool was then released, leaving the Single Set Cement Retainer inside the tubing. Flow from below the single set was checked successfully followed by a successful pressure test from above. Cement was then dumped on top of the Single Set Cement Retainer.

RESULTS AND BENEFIT: Well integrity was confirmed, which allowed the platform to resume full production operations. With the time saved and successful result achieved, the customer decided to run this system in their other wells.



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