

Expro Excellence

Cast Iron Cement Retainer successfully deployed in high temperature environment

Well Construction | Cementing Technologies



Objectives and background

- An operator in Mexico was experiencing issues successfully placing a balanced cement plug across a 5-7/8" open hole and a 7" liner shoe due to challenging well conditions

Value to the client

- The use of the 7" Cast Iron Cement Retainer reduced the rig time associated with placing a barrier in the challenging wellbore by successfully setting the barrier on the first attempt. The efficient installation of a barrier allowed the operator to achieve a successful cement plug during the next attempt, saving the operator from possibly having to attempt multiple cement jobs and the costs associated with those operations

Expro Excellence

- Expro recommended the use of the High Temperature 7" Cast Iron Cement Retainer, which was successfully run to depth and mechanically set at 7,680 meters (25,196 feet) and a bottom hole temperature of 170°C (338°F). The Cast Iron Cement Retainer was tested to 2,500 psi and with the mechanical barrier in place, the operator was able to successfully place a cement plug in the wellbore to abandon that section of the well

Cost saving



Contact

For further information please contact:
wellconstruction@expro.com
or visit
expro.com/wellconstruction