

Expro Excellence

SEACURE[®], QUIKCURE[®] & CORECURE[®] deliver riserless, dual-activity cementing solution for US GOM Operator

Well Construction | Cementing Technologies



Objectives and background

- Deep-set surface casing sections can require long (+20 hours) WOC (Wait on Cement) times to prevent subsidence of the casing string
- Time spent drilling out and cleaning-up 22" conventional cement shoetrack of +9 hours
- Cure Technologies reduces WOC and cement drill out times

Expro Excellence

- Expro team delivered clinical execution of its SeaCure[®] and QuikCure[®] technology in 6000' of water
- QuikCure[®] reduced WOC and SeaCure[®] provided a zero shoetrack solution for optimized drill out of the 22" shoe
- Pre-installation casing pressure test performed offline confirmed integrity of all casing connections and seals at the running tool and the shoe were effective prior to running the casing into the well
- CoreCure[®] enabled the operator to recover core samples of the cement from the shoe confirming the quality of the cement

Value to the client

- Reduced conductor WOC time from 21.3 to 5 hours with data capture evidence showing cement hydration at just 3 hours after placement of QuikCure[®] heat sweep
- QuikCure[®] rapid cement hydration heat sweep enabling the release of the 22" casing running tool after just 5 hours – in comparison to a previous WOC of 21.3 hours on offset well, confirmed with CoreCure samples retrieved from the shoe
- Reduced 22" shoe drill and clean out time to 44 minutes in comparison to 9.5 hours on offset wells
- SeaCure system moves hydraulic seal for cement placement and displacement to the shoe, removing reliance on ball valve and running tool seals

Operational efficiency

