

Expro Excellence

SeaCure[®], QuikCure[®] & CoreCure[®] delivers full riserless dual activity cementing solution for North Sea operator in ~1,100 ft water depth

Well Construction | Cementing Technologies

Objectives and background

Expro Excellence

- Long conductor wait on cement of ~15-19 hours on offset wells
- Previous time spent drilling out 20" conventional SSR plug shoetrack
- QuikCure® reduced the conductor WOC and SeaCure® provided zero shoetrack solution for optimized drill out of both 30" and 20" shoes



Value to the client

- Reduced conductor WOC time to 5.5 hours with data capture evidence to show cement hydration at just 3 hours after placement of QuikCure[®] heat sweep
- QuikCure® rapid cement hydration heat sweep enabling the drilling of 26" hole just 13 hours after the end of the conductor cement job
- Reduced 20" shoe drill out time to 45 minutes
- Saved rig time by utilizing the same simple cementing stand for conductor and surface casing cement jobs
- SeaCure[®] system moves hydraulic seal for cement placement and displacement to the shoe, removing reliance on ball valve and running tool seals





Reduction of rig time



70							
				Exothermic rea			
			61.182°C	cement hydration visible			
			61.182-0	after ~3.0hrs	*		
60							
						٦	
50					woc		
40							
40 30							
30							
		Mixed & pumped 110m3					Slacked off, released CA
		Of 1.52SG slurry at					unlatched, POOH and la out at surface.
20	Displace hole in	0.8m3/min.					out at surrace.
	preperation for cement	Displaced with 3.8m3 SW.		Dropped ball and	Dropped ball and waited 10mins to seat. Ruptured disc at 159bar 0.3m3 pumped.		
			*				
					Circulated 1m3 cement from inner string.		
10					pumped foam ball with 5m3 SW.		
				200bar.	Pumped 85m3 of 70°C SW at 3750lpm, 200bar.		