



## Australian IOC – B Annulus Isolation

### BACKGROUND

An IOC in Australia identified both Tubing to A Annulus communication and A Annulus to B Annulus communication on an existing ESP producer. Upon workover of the Upper completion to investigate, areas of the completion tubing were identified to have 'washed-out' holes, that when the 9 5/8" production casing was subsequently logged, aligned to the depth that communication through the 9 5/8" casing was also identified. The well had to be shut in and production halted until a solution was identified and repairs were completed.

### OPERATION & ACHIEVEMENT

Multiple clean out runs were made prior to setting a plug to test casing for additional leaks. After ensuring there were no further leaks, a 40-arm caliper log was run to ensure casing integrity. Lastly prior to running liner a drift run was made to ensure liner would make it to setting depth. Next step was to safely install a 57m 7-5/8" x 9-5/8", 47 lb/ft cased-hole liner system to cover high penetration points in 9 5/8" casing and restore well integrity. Our quick turn around solution allowed the well to be recompleted and production re-instated, significantly reducing the time of deferred production.

### SOLUTION

Due to Coretrax already having back up CORE 7 5/8" HYD equipment in country from a recent corrosion isolation deployment for this same IOC, we were able to align very quickly with the client to identify the optima solution and mobilized in a very short space of time.

### PROJECT DETAILS

Parent Casing = 9 5/8" 47#  
ID /Drift = 8.681"/ 8.525"  
Temp = 50°C  
Wellbore Fluid = Seawater  
Exp. Liner ID = 7.797"  
Exp. Liner test pressure = 1000psi

