



MICRO-CORROSION INHIBITING COATINGS POWERED BY NANO VPCI®

CASE HISTORY

Restoration and Protection of Downhole Casing Pipes



CUSTOMER

Oil and Gas Major

LOCATION

Jakarta

PROBLEM

The client needed to clean and protect eight Big Omega casing joints (133 ppf, K55). The casing joints were 20" (50.8 cm) and rusty. The client had no solution other than to reapply a temporary coating every six to 12 months to pipes stored in the yard. Time and materials for this repeated application were costly.

APPLICATION

To remove loose rust and scale, the outer diameter of the casing joints were wet-blasted using VpCI®-416. Outer surfaces were primed with CorrVerter® Rust Converter Primer and top-coated with VpCI®-396 for joints exposed to water in the splash zone. VpCI®-386 was used as a topcoat for joints that would be run downhole.

CONCLUSION

The client found this to be an excellent solution and appreciated the water-based chemistry of CorrVerter® and VpCI®-386 applied safely by a trusted partner. They were also happy with the great success of VpCI®-386, which turned out to have good adhesion/bonding downhole when the casings were cemented in place. The same procedure continues to be used to this day, eight years later.



DATE

2013-Present

CORTEC® REPRESENTATIVE

PT Tiga Ombak

PRODUCTS

CorrVerter® Rust Converter Primer

VpCI®-386

VpCI®-396

VpCI®-416

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