

BELZONA REPAIRS A SEPARATOR AND SAVES OIL PRODUCTION

ID: 6375



PROBLEM

A Wemco oil/water/gas separator used for cleaning water was suffering from a through wall defect. The customer required this vessel to be operational again. Bypassing the unit was not allowed and without the functioning separator the platform could not run production of oil.

APPLICATION SITUATION

Oil/water/gas three-phase separator on an offshore platform

APPLICATION METHOD

The application was carried out in accordance with the Method Statement for Cold Plate Bonding. A confined-space-entry certified contractor completed the surface preparation and application in 2 hours.

BELZONA FACTS

Replacement of the vessel was not an option as it would have taken 9 weeks and several hundred thousand dollars. The total time between noticing the leak, emptying the vessel, abrasive blasting, and applying Belzona took 24 hours. The vessel was back in service in 32 hours.

INDUSTRY

Oil & Gas

LOCATION

Gulf of Mexico, USA

APPLICATION DATE

July 2016

PRODUCTS

Belzona 1111

SUBSTRATE

Carbon steel

PHOTOS

1. Overall view of separator
2. View of hole in floor.
3. Hole repaired by cold plate bonding and begin top coating.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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