

# BELZONA REPAIRS A SEPARATOR AND SAVES OIL PRODUCTION

ID: 6375

Industry: Oil & Gas  
Application:  
Substrate: Carbon steel  
Products: \* Belzona 1111 ,

Customer Location: Gulf of Mexico, USA  
Application Date: July 2016

## 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.



## Photograph Descriptions

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

## 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.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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