

BELZONA PROTECTS PULSATION DAMPENER

ID: 92

Industry: Chemical & Petrochemical
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon steel
Products: * Belzona® 1391 ,

Customer Location: Offshore drilling company
Application Date: 1994

Problem

The rough surface caused by corrosion within the dampener was causing the diaphragm to be holed very quickly. This was leading to the drilling operation having to be shut down whilst the diaphragm was changed.



Photograph Descriptions

- * The unit after surface preparation which involved repeated washing and grit blasting to remove salt contamination ,
- * Application of Belzona® 1391 underway ,
- * The completed application. The smooth corrosion resistant surface will minimise wear on the diaphragm ,

Application Situation

Pulsation dampeners handling a mixture of brine and drilling mud at temperature of 100°C and 350 bar pressure.

Application Method

Application was carried out in accordance with Belzona System Leaflet VPF-2.

Belzona Facts

The reduction in un-scheduled shut downs speeded up the overall drilling process saving £1000's in operating costs

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

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manufactured under an ISO
9000 Registered Quality
Management System.

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