

BELZONA 'S PROVEN PERFORMANCE IN SEPARATOR PROTECTION

ID: 95



PROBLEM

Previous experience indicated that the lower 1/3rd of this new vessel would be subjected to sand erosion and Sulphate Reducing Bacteria (SRB) attack.

APPLICATION SITUATION

Production Oil/Gas Separator

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet TCC-5. A three-coat system of Belzona® 1321 was applied as the operating temperature was 85°C.

BELZONA FACTS

Despite the use of corrosion resistant Duplex, SRB attack and sand erosion induced by the jet wash system in the base of the tank was expected to cause shell damage without protection. Previously used glass flake systems had been unable to resist the sand erosion and required regular refurbishment necessitating hugely expensive interruptions to oil production. Since application the vessel has been routinely inspected and the coating is still in excellent condition and no un-scheduled shut-downs have been incurred.

INDUSTRY

Oil & Gas

LOCATION

International Oil Producer

APPLICATION DATE

1992

PRODUCTS

Belzona 1321

SUBSTRATE

Duplex steel

PHOTOS

1. The vessel in the coating contractors workshop
2. Application underway
3. Coating inspection and repair being carried out

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