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CASE*STUDY*

Belzona® Protects Slug Catchers Against Erosion and Corrosion

Two of the slug catchers ready for internal coating.

The Belzona® 1391 being applied.

Sponge testing the Belzona® 1391 to ensure no application defects were present in the coating.

STATISTICS

CUSTOMER
Vessel Manufacturer, Italy

APPLICATION DATE
September 2001

SUBSTRATE
Steel

PRODUCTS
Belzona® 1391
(Ceramic HT Metal)

APPLICATION SITUATION
High temperature and pressure oil and gas coating application.

PROBLEM
Vessels were to be put into operation at 90°C and 70 barpressure in a mixture of hydrocarbons and water. Belzona was applied to the bottom third of the vessels where the water gathers and causes corrosion.

APPLICATION METHOD
Application was carried out in accordance with Belzona Know-How System Leafl et TCC-3. Particular care was taken to maintain temperature of the substrate during application.

BELZONA FACTS
The Belzona® 1391 after 2 years in service was replaced due to increased use of acid for well stimulation. Belzona® 1392 has been developed to deal with this specific type of situation where acid contamination occurs.

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