

## BELZONA PROTECTS SLUG CATCHERS AGAINST EROSION AND CORROSION

### CUSTOMER

Vessel manufacturer in Italy

### APPLICATION DATE

September 2001

### APPLICATION SITUATION

Slug catchers destined for gas processing plant

### PROBLEM

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

### PRODUCTS

Belzona® 1391 (Ceramic HT Metal)

### SUBSTRATE

Steel

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet 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.

### PICTURES

1. Two of the slug catchers ready for internal coating.
2. The Belzona® 1391 being applied.
3. Sponge testing the Belzona® 1391 to ensure no application defects were present in the coating.



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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