

BELZONA SUPERWRAP II SAVES LEAKING SOUR CRUDE TANK

ID: 7651

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas

Customer Location: Florida, USA
Application Date: October 2017

Substrate: Steel

Products: * Belzona 1111 (Super-Metal) ,
* Belzona 1982 (Superwrap II) ,
* ,
* ,

Problem

The sour crude tank started leaking and the production had to be shut down. Originally there were 3 holes discovered leaking in the tank. The Customer was afraid blasting would cause more holes along the liquids line. There was no money in the budget for a new tank but they were shut down and had to do something quickly.



Photograph Descriptions

- * 1. More than the original 3 holes were discovered after blasting with Black Beauty. ,
- * 2. Belzona 1111 is being applied to fill the holes and reinforce the area. ,
- * 3. SuperWrap II is applied by the customer's crew in two coats along the liquids line. Each coat is applied in a different direction. ,
- * 4. Finished tank after the Customer put the tank back in service. ,

Application Situation

A leaking sour crude tank in an oil field.

This is an oil field in North Florida and they discovered a leaking Sour Crude tank and had to shut down production. There was no money in the budget for a new tank but they were shut down and had to do something quickly.

Application Method

The application was carried out in accordance with TCC-5 Belzona System Leaflet. To seal the leaks and offer the tank some mechanical reinforcement, it was decided to do a strip of SuperWrap II patch all along the side of the 10' tank. Belzona 1111 was used to patch the holes and reinforce the tank, applied by a Belzona Applicator. Two layers of SuperWrap II were applied, one

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

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perpendicular and one horizontal to repair the tank.

Belzona Facts

Customer needed a prompt solution to be done in their shutdown. As soon as customer call was done, local Belzona Technical Consultant went on site, trained the customer's crew on how to apply the product and repair was completed within expected timeframe. The local assistance and not needing a third party contractor accelerated the process got them up running quicker.

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