

Zerust® Protects Pipeline Casing from Corrosion



CLIENT APPLICATION

Pipeline Casing Protection | April 2016

Project Summary:

Our client wanted to fill half of the casing with the Zerust® Zerion® FVS Inhibitor and Gel Slurry® to protect the casing and the carrier pipe from corrosion and to fill any potential cracks and voids along the casing.

Goals and Objectives:

- Determining the existing orientation of the vent pipes.
- Preparing the equipment and slurry for injection
- Injecting corrosion inhibitor slurry into the pipe casing

Product(s) Used:

Zerion PGH-300, Powder
Zerion PGH-400, Granular,
Zerion FVS-B15
Zerust CPG Solution

Specifications:

Pipe Casing: 287.75'

Zerust® OIL & GAS
WORLDWIDE CORROSION SOLUTIONS

Outcome:

- The project was a complete success.
- The gel and inhibitor slurry was injected into the casing. No liquid escaped from the opposite end, and there were no spills or injuries.

Benefits:

- Using VCI to protect pipe casings is a cost-effective option to extending the life of these important assets.
- Corrosion rate monitoring can be provided using ER probes or coupons.
- Installation of the VCI and monitoring equipment, in most cases, can be accomplished through the vent pipes without excavation.



Fully Loaded Stake Bed



New Manifold



Mixing Gel



Pumping Inhibitor



ER Probe and Transmitter



Pumping Inhibitor



Pressure Release Valve