
Pipe Casing A


Pipe Casing B


Pipe Casing A


Pipe Casing B


Pipe Casing A


Pipe Casing B


Pipe Casing C


Pipe Casing C

Zerust® OIL & GAS
WORLDWIDE CORROSION SOLUTIONS

December 2018

Protection of Natural Gas Pipeline

Pipe Casing Injection

Zerust® Oil & Gas was awarded a project encompassing the injection of three pipe casings all located beneath roads and highways.

Pipe Casing "A": Premixed all FVS and PGH-300 Gel into mixing tank and circulated pump to ensuring proper mixing. Some water was present inside casing and blew out the opposite end vent pipe during the injection. The pump was shut down at that time. ~5 gallons blew out the opposite end of casing that resulted in about 20 gallons left inside the mixing tank. Assumed the casing had ~5**%** of water present prior to injection.

Pipe Casing "B": Premixed 8 pails of FVS (8/10) and 2 pails of PGH-300 Gel (2/4). Water started to blowout the opposite end after 2 minutes, but was deemed acceptable by the client on site.
Due to the approx. 90% water found inside the casing, the remaining 2 pails of FVS and all the PGH-400 (4 pails) was injected into the casing. Only 2 pails of PGH-300 was remaining due to the overfill of gel from opposite end.

Pipe Casing "C": This casing had 2 vents at the same end, with one vent on the side and the other on the top of the casing. Injection through the side vent with a separate hose leaving the top vent and positioned back into the mixing tank, incase of overfill/etc. Three (3) pails of PGH-300 and 7 pails of FVS added into mixing tank and allowed to circulate with ~450 gallons of water. The remaining material (4 pails PGH-400, 2 pails FVS, and 1 pail PGH-300) was added into the hopper during injection. All shipped material was injected into casing.

Corrosion Problem? Contact Zerust Oil & Gas.