

# DELVIN/DUKART RETROFIT

DICKINSON, NORTH DAKOTA, UNITED STATES

## PROJECT

**TYPE OF FACILITY:**

Tank Battery

**VICTAULIC SOLUTIONS:**

Ease & Speed of Installation  
Installation Time Savings  
Space Constraints

**OWNER:**

Lime Rock Resources

**CONTRACTOR:**

Advanced Oilfield Services

**ENGINEER/CONSULTANT:**

Lime Rock Resources

**COMPLETED DATE:**

June 2016



The Devlin/Dukart Tank Battery was recently retrofitted with HDPE piping to join the oil and water tanks, as well as a lease automated custody transfer (LACT) unit. Fusing was not a viable option due to the limited spacing between piping. Therefore, the contractor searched for a pipe joining solution that could be installed in a tight space without having to remove any of the piping.

Victaulic products, featuring grooved technology and easy installation, proved to be a perfect fit, allowing the connection of HDPE pipe even in the limited work space. Victaulic Series 727 ball valves and QuickVic™ Installation-Ready™ couplings were utilized throughout the system. Additionally, Style 907 Refuse-to-Fuse™ couplings were installed to connect new HDPE piping, while Style 907 Refuse-to-Fuse™ transition couplings were used to connect new HPDE piping to the existing steel system. Victaulic tee-strainers were also used, eliminating the need for any flanged or threaded connections.

Traditional fusing was originally considered as a pipe joining method, however, installation would have taken two to three times longer than Victaulic products and required more skilled labor on-site. Thanks to Victaulic's innovative grooved technology, the installation was completed early, allowing the project to move onto the pipeline section of the retrofit ahead of schedule.

## SPECIFICATIONS

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Tank Battery	HDPE	2 - 4"/50 - 100 mm