



P O L Y F L O W

High Pressure Gas Line Reynosa, Mexico

Project:

Two kilometer gathering line to transport natural gas at 1,800PSI MAOP. The location was outside of Reynosa Mexico in the far northern region next to the United States. The gas was sweet without H₂S and contained very little CO₂ so a nylon lined Thermoflex pipe was selected. Temperatures were below 65C so a polypropylene jacket for the pipe was selected.

Installation:

Madadam was the contractor and required only a backhoe for the installation of the line. The trench is one meters deep as required by the operator. (See Figure 1)



Figure 1

The line was extremely straight but there were a few soft areas where the dirt was extremely light and required tamping to compact the dirt. (See Figure 2)

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Figure 2: Backfilling and Tamping

Once backfilled, the line was hydro tested at 2,300PSI for eight hours. (See Figure 3)



Figure 3: Gauge during Hydro

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