

PROJECT

Construccion Del Sistema De Recuperacion Secundaria (2# Etapa) Activo De Produccion Altamira

LOCATION

Altamira, Tamaulipas, Mexico

END USER

PEMEX Exploration And Production (PEMEX)

COMPLETION DATE

2001

DESCRIPTION

This order entailed pipe for 6 contiguous buried station to station main trunk lines carrying brine water from a central pump station to 4 distribution stations. From each of those distribution stations multiple 2" fiberglass lines run to individual injection wells. The project was a continuation of the 10" system installed previous season. At each station fiberglass flanges connect the pipelines into and out of an above ground distribution manifold. The actual operating pressure is 2000 PSI with start-up surges as high as 2300 PSI.

PIPE SYSTEM

200 mm (8") and 50 mm (2") Yellow Box® API 15HR Fiberglass Linepipe 155 bars (2250 PSI) Internal Pressure Rating. Aromatic Amine Cured Epoxy Resin System. 8" Threaded and Coupled Connections in accordance with API spec 5B, 9-5/8 " round EUE thread. 9,14 meters Standard Pipe Length. Line length of 8" was 8,100 meters (26,500 ft) and 60,000 meters (196,800 ft) for 2" pipe.

SCOPE

- Manufacturing

THE FPI ADVANTAGE

Temperature Range: 10 °C to 35 °C.

Soil conditions range from loose sand and earth to sections of solid rock requiring blasting. Approximately 35% of the route is swamp.