



Case History

Saltwater disposal flowlines, corrosion-free and lower install cost

CH2045

Location

South Texas, USA

Product

Fiberspar LinePipe™

Problem

An independent operator in South Texas had to install a system of flowlines to transport produced saltwater from seven gas wells to a disposal well in the field. Steel lines would be highly susceptible to corrosion from the saltwater, and the operator knew that maintenance and repair costs for steel would be excessive in such a corrosive environment.

Solution

The operator chose Fiberspar LinePipe because it eliminates corrosion and has lower installed costs than steel. After trenches were dug for the new lines, NOV Fiber Glass Systems arrived on-site and installed, connected and tested all seven lines—a total of 15,320 ft—in only 2.5 days using spoolable, fiber-reinforced LinePipe. Each line was installed in one continuous length. The only connections required were seven tees into the central line to the disposal well. Total time to make all seven connections was only four hours.

Results

Because NOV Fiber Glass Systems installed an entire new network of saltwater disposal flowlines in far less time than ordinary lines would have taken, the operator realized substantial savings on total installed costs. And the operator will continue to realize significant savings because LinePipe eliminates corrosion problems thereby eliminating maintenance fees incurred by corrosion.

Fiber Glass Systems

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