



Case History

Major operator projects NPV savings of \$45 million using Fiberspar LinePipe

CH2050

Location

Texas, USA

Product

Fiberspar LinePipe™

Problem

A major operator's seven-year transition from steel to fiberglass and then to Fiberspar LinePipe in a South Texas gas field created a wealth of real-world cost data covering more than 2,000 wells producing 14 Bcf/yr. This operator's production includes gas, condensate, water and 2% to 4% CO₂, at pressures up to 1,200 psi, at 150° to 175°F.

From 1998 to date, the operator installed 204 miles of steel, 323 miles of fiberglass, and most recently, 80 miles of Fiberspar LinePipe in this field.

Results

This is an extremely large savings simply not possible with any other flowline technology. Only Fiberspar LinePipe:

- Can be installed with fewer people, and their associated trucks and equipment are not required on location each year.
- Permanently eliminates corrosion. No cathodic protection, wraps, coatings or internal chemical treatments are required.
- Installs in less than half the time of a steel line. A typical 3,000-ft pipeline installs and is put in production in a day compared to three full days for jointed pipe. Time to first production is faster; uptime is greatly increased.

Applying this data to a detailed cost analysis that assumes 80 new gas wells per year, the operator projects \$125 million in savings over the 20-year life of this field using LinePipe exclusively. These savings have an NPV (Net Present Value) of \$45 million.

Fiber Glass Systems

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