



Case History

12 miles of LinePipe installed in 20 days amid severe winter weather

CH2048

Location

Alberta, Canada

Product

Fiberspar LinePipe™

Problem

A major North American operator needed to install new flowlines in the infrastructure of an existing gathering system for water injection, source water and future production. The installation required hard bends and had to cross six roads, four utility pipelines and nine gathering pipelines. Further complicating the problem was the onset of severe winter weather conditions.

Solution

The operator chose Fiberspar LinePipe over lined steel pipe. NOV Fiber Glass Systems installed 10.5 miles of 3½" and 1.5 miles of 4½" Series 1,500 LinePipe—a total of 37 lines in 24 rights-of-way—in this project in Alberta.

Results

LinePipe's installation was so fast that extra ditching equipment was brought in to stay ahead of NOV Fiber Glass Systems installation crews. LinePipe's continuous length eliminated nearly 2,100 inline connections and 74 underground flange connections (and their leak potential), which cut 700 man-hours from the installation. No fittings were required for hard field bends. LinePipe allowed a unique riser system that completely eliminated below-ground connectors at the riser. Ease of handling and installation cut overall manpower requirements in half. The new LinePipe flowlines eliminate corrosion-related repair and maintenance costs.

Fiber Glass Systems

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