



Case History

Fiberspar remediates more than 20 miles of offshore flowlines

CH2042

Location

Louisiana

Product

Fiberspar LinePipe™

Problem

More than 20 miles of subsea gathering and injection lines in the shallow, coastal waters of Louisiana were nearing the end of their service life. Cost of conventional replacement of the 3" steel flowlines in this environmentally sensitive area was prohibitive.

Solution

NOV Fiber Glass Systems provided the operator with 2 1/4" ID spoolable Fiberspar LinePipe for use as offshore production flowlines. The LinePipe was installed inside of the existing steel flowlines using a unique, pull-through process.

NOV Fiber Glass Systems worked closely with the operator to conduct field trials and optimize the geometry of the Fiberspar LinePipe. Any increase in pressure drop would dramatically reduce production from the wells, which are on gas lift. The 2.6" OD, 2.25" ID Fiberspar LinePipe was successfully installed in continuous lengths of up to 6,000 ft inside the 2.9" ID steel tubing. The NOV Fiber Glass Systems solution resulted in no loss of flow, while providing a corrosion resistant, full-strength flowline.

Results

NOV Fiber Glass Systems pipeline remediation process cost 40 percent less than installing new steel lines in this environmentally sensitive area. There was no permanent disruption to the seabed, and the installation time was much faster than replacing the steel lines.

Fiber Glass Systems

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