CO_2 Oil & Gas

Application: CO_2 gas lines installed in 1985 in West Texas

Product: Over 74,000 feet of 10”-16” Red Thread® II pipe operating at 125°F and up to 100 psig

Features & Benefits: Excellent corrosion resistance without the additional cost of cathodic protections or coatings. Hoop tensile strength at burst per ASTM D1599 and 40,000 psi minimum. Field hydrotesting at 228 psig was required.

Application: Saltwater with entrained oil and gas - 20%-95% CO_2 with methane and H_2S installed in Wyoming in 1987.

Product: 39,000 feet of 10”, 12” and 16” Red Thread II pipe operating at 180°F, up to 300 psig. Minimum burst across coupled joint 1350 psig minimum.

Features & Benefits: Piping provides high strength and superior corrosion resistance. Qualification training and field joints made per ANSI B31.3

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NOV Fiber Glass Systems

CH2003 February 2008

CO_2 Oil & Gas

Application: 97% CO_2 gas gathering lines installed in 1993 in New Mexico

Product: Over 400,000 feet of 2"-16" Red Thread II and Blue Streak pipe installed and operating at ambient temperature up to 150 psig. Pipe was manufactured and tested to API 15LR. Field testing was required at 300 psig.

Features & Benefits: Lighter weight and ease of handling made installation quick and easy. Fiberglass pipe is resistant to internal and external corrosion without additional the cost of cathodic protection or coatings.

Application: Produced oil with entrapped salt water, H_2S and CO_2 in the Middle East in 1993.

Product: 150,000 feet of 12" and 20" Red Thread II pipe installed and operating at ambient temperature up to 290 psig. Factory testing held 1,212 psig minimum burst across bonded joints. Field hydrotesting was required at 435 psig.

Features & Benefits: Large smooth bore provides excellent flow characteristics. Qualification training and oversight were provided per ANSI B31.3