

Case Study

ESeal™ Liner Increases ID By 24% vs. Conventional Casing

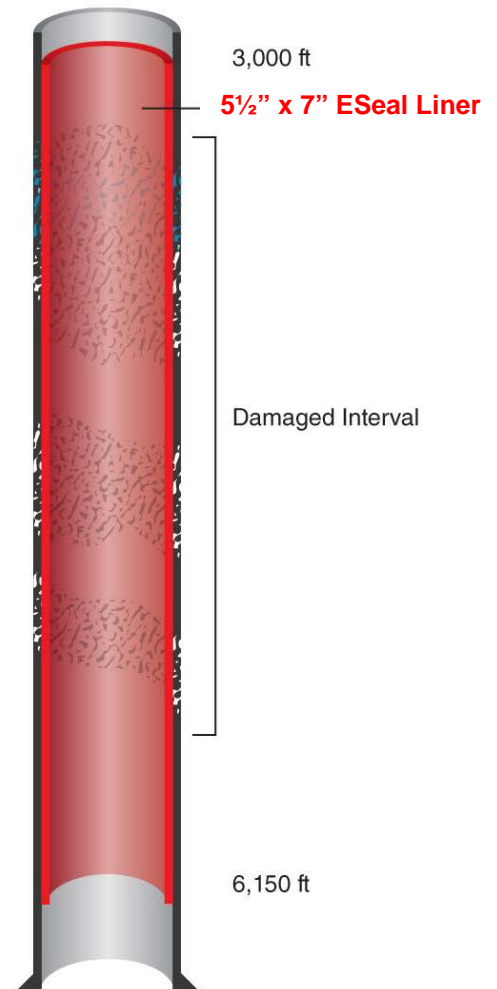
Challenge

The Operator not only needed to cover a long section (~3500ft; 1060 m) of corroded 7 in. casing in a power water injector well but also address a ~150 ft / 45.7m leak within the corroded casing section.

Added Value

The ESeal Liner provided the maximum flow area for injector fluids resulting in greater injection volumes and rates due to less friction pressure loss during injection. The standard conventional scab liner is the 5 in. liner which provides a 4.481 in. ID., while the 5½ x 7 in. ESeal liner provided a 5.570 in. ID, a 24% increase.

- ▶ **Completion Date:** November 2011
- ▶ **Location:** Middle East
- ▶ **Well Type:** Injection
- ▶ **Base Casing:** 7 in. (26 lb/ft)
- ▶ **Solution:** 5½ in. ESeal Liner
- ▶ **Depth:** 6,143 ft (1872m)
- ▶ **Liner Length:** 3,519 ft (1072m)



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