



Weatherford®

REAL RESULTS

MetalSkin® Solid Expandable Cased-Hole Liner System Successfully Deployed from Semi-Sub

Objectives

- Repair extensive damage over a 2.5-ft (0.76-m) section of casing in an injector well so that carbon dioxide (CO₂) can be injected. CO₂ injection was essential for environmental protection. Until well integrity could be restored, production from 10 wells would have to be halted; therefore, time was of the essence.

Results

- The *MetalSkin* joint and solid expandable liner hanger were successfully installed and pressure tested to 4,000 PSI (27.6 MPa), isolating the damaged area of casing with minimal loss of wellbore ID.

Value to Client

- The *MetalSkin* solution helped Weatherford's client maximize the productivity of this well and 10 other producer wells.
- Weatherford's mobilization speed minimized rig downtime: only 5 days from the client's initial inquiry to post-installation pressure testing.



The *MetalSkin* cased-hole liner is a fully expandable casing repair system that provides a maximized throughbore and a compliant fit to corroded or worn casing.

Location

North Sea, Norway

Water Depth

1,043 ft (318 m)

Well Type

CO₂ injector

Casing Size

9-5/8 in., 53.5 lb/ft

Products/Services

35-ft (10.7-m) integral 7 5/8- x 9 5/8-in. *MetalSkin* joint set over a 2.5-ft damaged section