



Weatherford®

REAL RESULTS

MetalSkin® Cased-Hole Liner Restores Production in Offshore Well with Severely Corroded Liner

Objectives

- Repair extensive corrosion damage in 9 5/8-in. casing caused by a leak in the production tubing by running and expanding the liner.
- Pressure test the installed liner.
- Run an electric submersible pump (ESP) completion through the expanded liner and bring the well back online for production.

Results

- Weatherford ran a 2,967 ft (904 m) 7 5/8- × 9 5/8-in. *MetalSkin* cased-hole liner and expanded the liner to 7.90 in. ID in a single trip. This marked Weatherford's longest *MetalSkin* liner installation to date.
- A positive pressure-test rating of 2,200 psi (15 MPa) was achieved and the client ran the upper completion through the *MetalSkin* liner.

Value to Client

- Running the *MetalSkin* cased-hole liner reduced the client's operating expenses by approximately 50 percent.
- The *MetalSkin* liner system reduced rig time by an estimated 28 days in comparison with an alternative slot-recovery option.
- The flexibility of the cased-hole liner system enabled the client to run an additional 500 ft (152 m) of liner after the discovery of casing leaks deeper in the well.



Captain well protector platform (WPP).

Client
Chevron

Location
UK North Sea

Field
Captain

Formation
Upper Captain sands

Rig
Captain WPP (platform)

Well Type
Offshore development, ESP production

Casing Size and Type
9 5/8-in., 40-lb/ft, L80 New VAM®

Liner Length
2,833 ft (863 m) post expanded

Inclination
74.7° at 3,800 ft (1,158 m) setting depth

Products/Services
MetalSkin cased-hole liner

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