



Weatherford®

REAL RESULTS

MetalSkin® Cased-Hole Liner with Integrated Services Restores Well, Boosts Oil Production Rate by 860 Barrels Per Day

Objectives

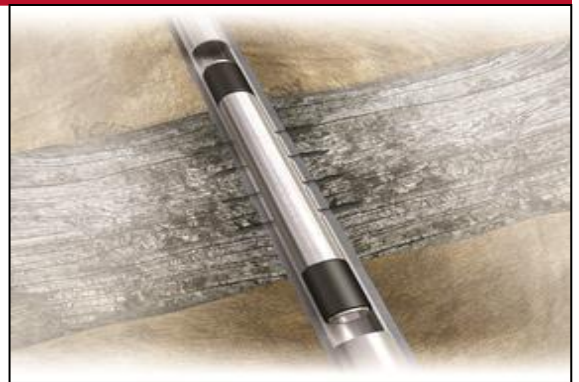
- Remove a scab liner and replace with an expandable liner to provide a larger pass-through ID.
- Permanently isolate an interval of severely corroded casing and a depleted formation.
- Potentially increase daily production rates.

Results

- Weatherford fishing services used 6 1/8-in. watermelon mills to thoroughly clean and prepare the well for remediation operations.
- Two 5 1/2 x 7-in. MetalSkin cased-hole liner systems were run. The first liner was run to a depth of 9,106 ft (2776 m) to isolate a 76-ft section of corroded casing and open depleted zone. The second liner was run to a depth of 7,550 ft (2301 m) to isolate a 460-ft section of corroded casing.
- The expandable liners provided 5.336-in. drifts that enabled sufficient pass through of completion tools and a 4-in. electric submersible pump (ESP) system.

Value to Client

- The installation of the MetalSkin liners immediately increased oil production from 40 BOPD to 900 BOPD and decreased water production from 95% to 2%.
- The significantly enhanced production rates encouraged the client to consider drilling at least two more wells in the field.



Two Weatherford MetalSkin liners were run to isolate multiple intervals in a well with years of decreased production. The successful MetalSkin installations significantly increased production rates and permanently isolated the water production zone. That success encouraged the operator to consider drilling additional wells in the Shirley field.

Location
Ecuador

Field
Shirley

Well Type
Oil producer

Expandable Liner Size
5 1/2-in., 17 lb/ft x 7-in., 29 lb/ft

Products/Services

- Fishing services
- Tubular running services
- MetalSkin cased-hole liner

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