



Weatherford®

REAL RESULTS

MetalSkin® Cased-Hole Liner System with Multi-Sensor Caliper (MSC™) Tool Identifies and Repairs Casing Damage, Enables Multiple Fracturing Stages

Objectives

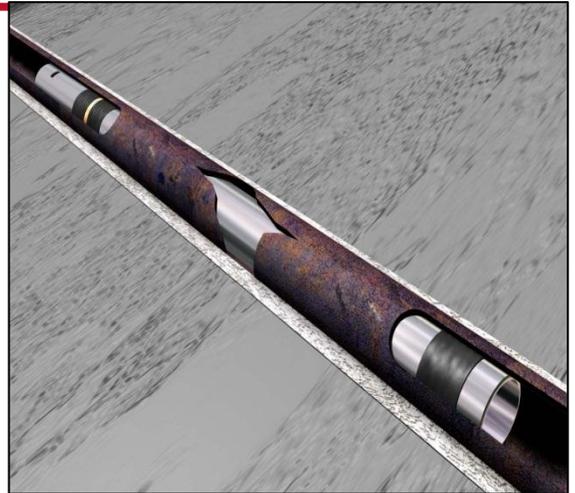
- Identify the extent of casing damage and repair casing integrity for a 5 1/2-in. casing string.
- Prepare the wellbore to fracture in four to five stages.

Results

- Weatherford's fishing services prepared the well in a timely and cost-effective manner.
- Weatherford ran and set four short *MetalSkin* cased-hole liner systems below the damaged casing to serve as production packer seats.
- An upper 4-1/2 in. x 5-1/2 in. *MetalSkin* liner was successfully run and expanded to isolate a 125-ft (38-m) section of damaged casing.
- Weatherford's cased-hole completion services ran ArrowSet™ completion packers to isolate the annulus from the production conduit.

Value to Client

- The efficient cleanout prepared the wellbore for immediate remedial operations.
- The *MetalSkin* system selectively and effectively isolated the specified zone, enabling fracturing operations to increase the production rate.
- Providing multiple packer seats enabled the operator to run production packers through the upper *MetalSkin* liner and set packer seats deeper in the well for future use, if needed.



Multiple *MetalSkin* systems served as production packer seats and isolated damaged casing, enabling the well to be fractured in four to five stages for an increased production rate. As a result, Weatherford was awarded six additional jobs averaging 18 to 24 packer seats.

Location

West Texas

Well Type

Onshore

Casing Size

5-1/2 in., 17 lb/ft (25.3 kg/m)

System Size

4-1/4 in. x 5-1/2 in.

Products/Services

- *MetalSkin* cased-hole liner system
- Fishing services
- Cased-hole completion services

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