



# Weatherford®

## REAL RESULTS

### MetalSkin® Cased-Hole Liner System Seals Off Perforations, Optimizes Hole Size for Maximum Production

#### Objectives

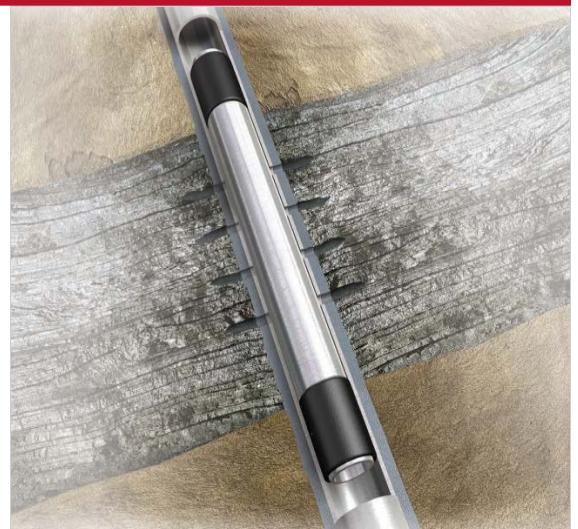
- Cost-effectively cover and isolate perforations in production casing string.
- Seal off watered-out perforations and enable recompletion of the well to produce from deeper perforated intervals.

#### Results

- Weatherford personnel deployed a *MetalSkin* cased-hole liner system to cover and isolate the unwanted perforations.
- The operator successfully installed and expanded the *MetalSkin* liner at the desired setting depth to re-establish production.
- The entire operation, including expansion and pressure-testing of the expandable liner, was performed with no environmental or safety incidents.

#### Value to Client

- Weatherford's *MetalSkin* cased-hole liner system isolated the unwanted perforations and eliminated the need for multiple squeeze-cementing operations and their cumulative costs, thus proving solid expandables a cost-effective solution.
- The *MetalSkin* system enabled the operator to seal off perforations and, unlike conventional liner, provided the maximum hole size, enhancing production and facilitating future well intervention.



The *MetalSkin* cased-hole liner system provided a permanent, cost-effective solution, isolating and sealing the unwanted perforations for increased production capacity.

#### Location

Mid-Continent US

#### Well Type

Onshore

#### Parent Casing

- Type: 7-in., 23-lb/ft K-55
- ID: 6.366 in. (162 mm)
- Drift: 6.241 in. (159 mm)

#### Expandable Liner

- Type: 5-1/2 in. x 7 in., 17 lb/ft
- ID: 5.583 in. (142 mm)
- Drift: 5.458 in. (139 mm)

#### Length

- Pre-expanded length: 346 ft (106 m)
- Post-expanded length: 328 ft (100 m)
- Shrinkage: 5.15%

#### Setting Depth

5,157 to 5,485 ft (1,572 to 1,672 m)

#### Products/Services

*MetalSkin* solid-expandable system

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