



# Weatherford®

## REAL RESULTS

### MetalSkin® Openhole Liner Isolates Depleted Zone, Maintains Maximum Hole Size, Eliminates NPT

#### Objectives

- Isolate a depleted 2,000-ft (609-m) zone below the 9 3/8-in. casing to enable continued drilling with minimal inside diameter (ID) reduction.
- Incur no environmental or safety incidents.
- Limit nonproductive time (NPT).

#### Results

- Weatherford deployed a 7 5/8-in. x 9 3/8-in. MetalSkin openhole liner and successfully isolated a 2,505-ft (763-m) openhole section of the depleted zone.
- The post-expanded MetalSkin liner was set from 10,240 to 12,714 ft (3,121 to 3,875 m).
- The resulting 7.575-in. drift ID was sufficient for the operator to drill through the depleted zone with maximum ID.
- The operator experienced no environmental or safety incidents.

#### Value to Client

- Using the Weatherford MetalSkin openhole liner enabled the operator to isolate a depleted zone under existing casing and continue drilling with optimal-sized casing.
- The MetalSkin liner installation eliminated weeks of NPT.
- Running the expandable liner as a mechanical barrier further reduced the operator's costs by reducing material costs and minimizing installation time on the rig.



The Weatherford MetalSkin openhole liner system isolated a depleted zone located under existing 9 3/8-in. casing, enabling the operator to continue drilling with minimal ID reduction and without increased NPT.

#### Location

Gulf of Mexico

#### Well Type

Offshore, oil

#### Hole Size

9 3/8-in. (parent casing)  
7 1/2-in. (resulting open hole)

#### Setting Depth

10,240 to 12,714 ft (3,121 to 3,875 m)

#### Parent Casing

- 9 3/8-in., 39.0-lb/ft (58.1-kg/m) HCQ-125 premium casing
- ID: 8.535-in. (21.679-cm)
- Drift: 8.500-in. (21.590-cm) special drift

#### Expandable Liner

- 7 5/8-in. x 9 3/8-in. 39.0-lb/ft (58.1-kg/m)
- ID: 7.635 in. (19.393 cm)
- Drift: 7.575 in. (19.241 cm)
- Pre-Expanded Length: 2,505 ft (763 m)
- Post-Expanded Length: 2,474 ft (754 m)
- Shrinkage: 1.2%

#### Products/Services

MetalSkin openhole liner system

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