



# Weatherford®

## REAL RESULTS

### SwageSet Liner-Top Packer Used in Scab Liner Restores Well Integrity and Saves Major Operator Costs and Time

#### Objectives

- Restore the integrity of the completion string by isolating gas migration of the corroded casing.

#### Results

- Weatherford provided the operator a scab liner that consisted of a polished bore receptacle, SwageSet packer, hydraulic-premium rotating (WHPR) hanger and a seal stem.
- The scab liner was run to a depth of 7,874 ft (2399 m) and the seal stem was stung into the previous 7-in. casing liner top. The seal stem was pressure-tested to 800 psi to ensure an effective seal.
- The hanger was set at a depth of 5,733 ft (1747 m) with 1,900 psi and the running tools were released with right-hand rotation.
- The rotating packer actuator on the running tools was lowered above the WPBR to mechanically set the SwageSet packer with 45 klb. The packer was successfully pressure-tested to 2,500 psi.

#### Value to Client

- The use of the SwageSet packer provided a high-integrity, reliable seal that isolated the problematic zone.
- The scab liner was successfully installed without recordable incidents.
- The Weatherford SwageSet packer enabled the operator to run a noncemented liner with a reliable liner-top seal, which eliminated the need for remedial cementing operations and therefore saved the client associated costs and time.

The SwageSet liner-top packer was run for the first time as a scab liner to isolate corroded casing that was enabling gas migration. The successful installation of the Weatherford scab liner effectively restored the integrity of the completion string, which saved the operator both costs and time by eliminating remedial cementing operations in the middle eastern well.

#### Location

United Arab Emirates, MENA

#### Well Type

Oil and gas production, offshore

#### Well Depth

7,874 ft (2399 m)

#### Casing Type and Size

9-5/8 in., 47.0 lb/ft, L-80

#### Liner Type and Size

7 in., 29.0 lb/ft, L-80

#### Products/Services

- WPBR tieback
- SwageSet liner-top packer
- WPHR liner hanger
- Setting ball



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