



Weatherford®

REAL RESULTS

AXIOM® Liner-Hanger System Establishes Secondary Barrier for Enhanced Well Integrity, Extends Well Life

Objectives

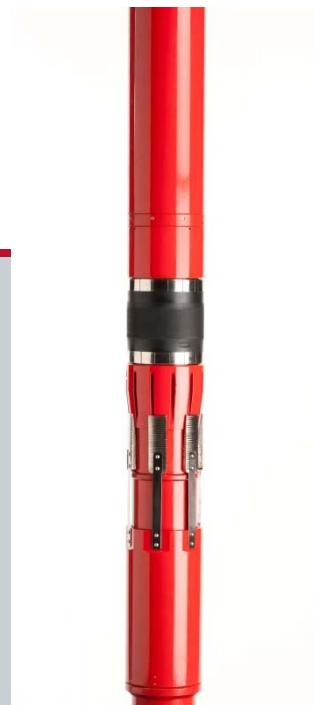
- Reinforce weak areas of casing to extend well life and prevent channeling. The cement bond log had detected weak points in the casing.

Results

- Weatherford used the AXIOM series liner-hanger system to deploy 3,410 ft (1,039 m) of 7-in. liner to setting depth. This liner served as a secondary barrier and reinforced weak areas of the casing.
- With the cased section reinforced, Weatherford deployed a second liner of 907 ft (276 m) to cover the 8 1/2-in. openhole section.
- Finally, Weatherford deployed a liner-top packer using the AXIOM series liner-hanger system to further protect against leaks and channeling after perforation.

Value to Client

- The AXIOM series liner-hanger system established two barriers with a single tool, thereby enhancing well integrity in an efficient and economical manner.
- By reinforcing the weak points in the existing casing, the AXIOM system enabled the operator to avoid the costs of pulling the casing out of the hole and re-cementing.



The AXIOM series liner-hanger system integrates a hydraulic hanger and a weight-set packer.

Location

South Kuwait

Well Type

Onshore development

Hole Size and Angle

8-1/2 in., vertical

Casing Size

9-5/8 in. at 4,964 ft (1,513 m)

Drillstring Length

1,160 ft (354 m)

Liner Lengths

Cased-hole: 3,410 ft (1,039 m)

Openhole: 907 ft (276 m)

Setting Depth

4,871 ft (1,485 m)

Products/Services

- AXIOM series liner-hanger system

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