



Weatherford®

REAL RESULTS

First Axiom™ Series Liner System Installed in Kuwait Proves Reliability of the Technology

Objectives

- Run a 7-in. liner with 5 1/2-in. inflow control devices (ICDs) and screens to total depth with an 89° maximum deviation and the 5,021-ft top of liner at an 84° maximum deviation without recordable incidents.

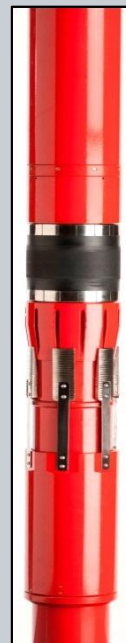
Results

- The Weatherford Axiom series liner consisting of a polished bore receptacle and a packer/hanger body was run to the 9 5/8-in. casing shoe at a depth of 6,570 ft (2002 m).
- A setting ball was released, pumped at 3 bpm, and seated to hydraulically set the hanger. The hanger was set with 2,400 psi, and the running tools were mechanically released with eight right-hand turns.
- The ball seat was sheared at 3,200 psi.
- The liner-top packer was set with 40 klb.
- The running tools were retrieved, and the job was completed successfully as planned.

Value to Client

- The use of the Axiom series liner enabled reaching total depth, setting the 7-in. liner, and hanging the required 5 1/2-in. screens and ICDs without safety or environmental incidents.
- The use of the Axiom series provided the required isolation both above the screens and the ICDs from one side, and between the liner OD and the host casing from another side.

A 7-in. Axiom series liner hanger system was installed for the first time in an onshore well in Kuwait without safety or environmental incidents. The liner system features a unique hydraulic-set liner hanger, liner-top packer, and polished-bore receptacle combination. The compact, one-piece, nonwelded body eliminates potential leak paths.



Location
Kuwait

Well Type
Oil and gas development

Rig
Onshore

Well Depth
6,570 ft (2002 m)

Hole Angle
89° deviated

Casing Type and Size
9-5/8 in., 43.5 lb/ft, L-80

Liner Type and Size
7 in., 26.0 lb/ft, L-80

Products/Services

- Axiom series liner system
- Model 323DE float shoe

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