



Weatherford®

REAL RESULTS

Qatar: Liner Hanger Services Float 13,500 ft (4,115 m) of Liner, Cement in Place Off-Bottom in Single Run, Saving Rig Time and Costs

Objectives

- Run 13,500 ft (4,115 m) of 7-in., 23-lb/ft casing into an 8 1/2-in. horizontal well, starting at 4,692 ft (1,430 m).
- Cement the off-bottom liner hanger in place.

Results

- Weatherford's premium hydraulic-set rotating (WPHR) liner hanger and mechanical ball seat (MBS) were used to run the 7 1/2-in. liner empty, minimizing the liner weight and improving the ability to drive the running string in the 8 1/2-in. horizontal hole.
- The setting ball was dropped, the liner hanger was set, and the running tool was released in a single run.
- The liner was run to a total depth of 25,832 ft (7,874 m).

Value to Client

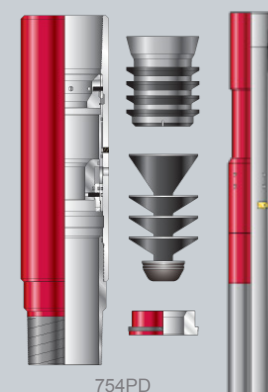
- Weatherford's WPHR liner hanger and mechanical ball seat enabled the operator to run and cement the liner in a single trip, saving rig time and associated costs.
- The success of the operation provided the operator with a solution for future wells with similar conditions and depths.

The WPHR liner hanger is ideally suited for use in deep, highly deviated wells, making it an ideal choice for drill-down and reaming liner applications.



WTSP4 WPHR "R" Tool

Weatherford's reliable, field-proven Model 754PD stage tool, with a hydraulically opened port system, meets the challenges of cementing holes of any angle.



754PD

Location
Qatar

Well Type
Offshore, horizontal

Well Depth
25,832 ft (7,874 m) MD

Hole Size
8-1/2 in.

Casing Size and Type
7-in., 23-lb/ft

BULLDOG™ annulus casing packer

Starting Depth
4,692 ft (1,430 m) MD

Ending Depth
18,150 ft (5,532 m) MD

Casing Length
13,500 ft (4,115 m)

Products/Services

- BULLDOG annulus casing packers
- 754PD hydraulic stage tool
- 854BS Sub-Surface Release™ wiper plug and darts
- WPHR hydraulic rotating liner hanger
- WTSP4 liner-top packer
- HNG hydraulic-release running tool
- Weatherford MBS

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