



# Weatherford®

## REAL RESULTS

### WellMaster™ Deepwater System Runs Liner to TD Without Losses in Geologically Risky Well, Saves 6 Hours of Rig Time Valued at \$136,000

#### Objectives

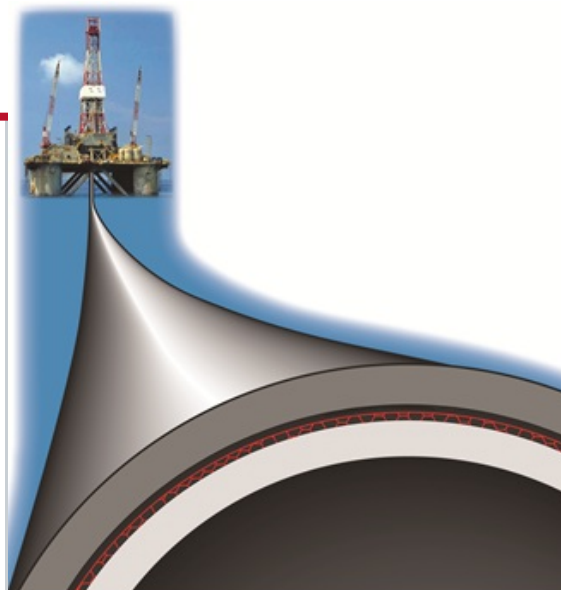
- Run liner to total depth (TD)—using a secure, efficient, and cost-effective method—in a deepwater well at risk for heavy losses because of low fracture-gradient zones and high pore-pressure zones.
- Minimize the expected heavy losses associated with running liner in wells with close-tolerance casing designs.

#### Results

- Weatherford recommended the WellMaster deepwater system, an integrated solution for overcoming common challenges with drilling deepwater wells. The fully compatible liner-running package included cementing heads; liner-hanger systems; surge reduction and filter tools; balls, darts, and plugs; and float and centralization equipment.
- The team ran the liner to TD without any losses.
- The operation was completed in 15 hours. In wells with close-tolerance casing designs and losses, the average running speed per joint is about 20 minutes. Based on this average speed, the operation could have taken 21 hours to complete without the WellMaster system.

#### Value to Client

- By reducing the time spent running liner from 21 hours to 15 hours, Weatherford saved the operator 6 hours of rig time valued at approximately US\$136,000.
- The operator avoided the potential equipment damage, downtime, costly repairs, and fluid losses associated with running liner in wells with close-tolerance casing designs and in formations with challenging geologic characteristics.



The Weatherford WellMaster system can help to run liner to TD faster while minimizing the tendency for drilling fluids to divert into formations while the liner is run. This system also reduces the risks and potential costs of failure in wells with close-tolerance casing design and in formations with geologically challenging characteristics.

#### Location

Gulf of Mexico

#### Well Type

Deep water, oil

#### Total Depth

18,500 ft (5,638 m)

#### Water Depth

9,255 ft (2,821 m)

#### Products/Services

- 11.875- x13.625-in. (301.625- x 346.075-mm) liner
- WellMaster deepwater system:
  - SurgeMaster™ II surge-reduction tool
  - WPHR and TSP liner-hanger and packer equipment
  - Autofill float equipment

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