REAL RESULTS

Tandem RipTide® RFID Reamers Successfully Enlarge Wellbore, Provide Independent, On-Demand Activation

Objectives

• Run two RipTide drilling reamers in the same drilling assembly to enlarge a borehole to 14-1/2 in. while drilling an 12 1/4-in. pilot hole in an offshore deepwater well.

• Activate the standby RipTide reamer, if needed, and continue drilling without delay.

Results

• Weatherford deployed two RipTide RFID drilling reamer series 12000 in tandem and successfully enlarged a 3,000 ft (914 m) section to the required 14 1/2 -in. diameter in one run.

• The RFID technology enabled the operator to activate and deactivate each RipTide reamer independently, as needed.

Value to Client

• Using Weatherford’s RipTide RFID drilling reamer enabled the operator to enlarge the wellbore and create a hole of excellent quality without restrictions.

• The RipTide RFID drilling reamer provided the operator the ability to use standby tools in the bottomhole assembly, reducing the number of trips and flat time.

Weatherford used two RipTide RFID drilling reamers in tandem for independent, on-demand activation to successfully enlarge a 3,000 ft (914 m) section to the required 14 1/2-in. diameter and continuously drill a 12 1/4-in. pilot hole to total depth.

Location
Gulf of Mexico

Well Type
Offshore, exploratory

Hole Size
12-1/4 in. X 14-1/2 in.

Depth
• In: 19,834 ft (6,045 m)
• Out: 21,866 ft (6,665 m)

Products/Services
RipTide RFID drilling reamers