REAL RESULTS

RipTide® RFID Drilling Reamer Successfully Enlarges Wellbore in Deepwater Sidetrack Well Without Incident or Delay

Objectives

• Run the RipTide drilling reamer beneath a casing exit to enlarge the borehole to 9-1/2 in. while drilling an 8 1/2-in. pilot hole in an offshore deepwater well.

Results

• Weatherford deployed the RipTide RFID drilling reamer series 8500 and successfully enlarged a 2,000 ft (610 m) section to the required 9-1/2 in. diameter in one run.
• The RFID feature enabled the offshore operator to activate and deactivate the RipTide RFID reamer downhole a total of five times for continuous drilling with no safety incidents.

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.
• Weatherford’s RFID technology enabled the client to deactivate the reamer during flat time and reactivate the reamer on demand, maximizing efficiency with uninterrupted, incident-free drilling.
• The deactivation feature of the RipTide RFID reamer provided the client maximum hole-cleaning ability while drilling in the challenging deepwater Gulf of Mexico formation.

Weatherford’s RipTide drilling reamer features RFID technology to enable on-demand activation and deactivation any time while drilling or tripping. The RipTide RFID model is the industry’s first electronically controlled drilling reamer.

Location
Gulf of Mexico

Well Type
Offshore, deepwater

Hole Size
8-1/2 in. X 9-1/2 in.

Depth
• In: 8,935 ft (2,723 m)
• Out: 11,021 ft (3,359 m)

Products/Services
RipTide RFID drilling reamer

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