



# Weatherford®

## REAL RESULTS

### RipTide® RFID Drilling Reamer and Stabilizer Successfully Enlarge Wellbore, Reduce Time and Related Costs During Technological Test

#### Objectives

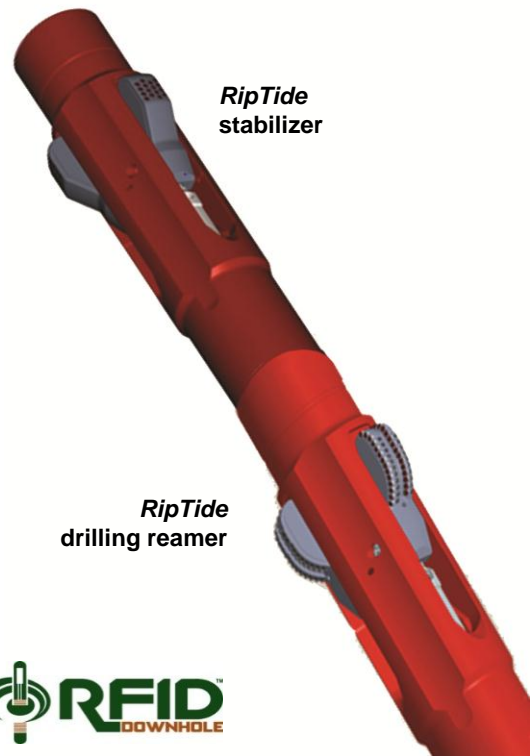
- Test a *RipTide* drilling reamer and a stabilizer during a two-phase job in an offshore well. The borehole assembly (BHA) had to first drill through a casing string and later enlarge a 12 1/4-in. hole to 16-in. in only one run.

#### Results

- Weatherford deployed a *RipTide* RFID series 12000 drilling reamer in tandem with a *RipTide* RFID stabilizer into the same BHA.
- The BHA successfully drilled through the 20-in. casing string and accessories. Later, the *RipTide* reamer enlarged the wellbore to the required diameter.
- The RFID feature allowed running both the *RipTide* reamer and stabilizer in tandem, activating and deactivating each one of them independently.

#### Value to Client

- Using Weatherford's *RipTide* RFID reamer enabled the operator to enlarge the wellbore and create a hole of excellent quality without restrictions.
- Weatherford used both *RipTide* drilling reamer and stabilizer in tandem for the entire section without failures, interruptions, or delays, providing the operator with an efficient, cost-effective solution.



The RFID model also permits deactivation of the cutter blocks as needed during operations. During reactivation, instructions embedded in the tags unlock the controller, thereby permitting the cutter blocks to recess into the reamer body. The closed tool can be retrieved safely through the casing restriction.

**Client**  
PEMEX

**Location**  
Gulf of Mexico

**Well Name**  
Kunah-1DL

**Platform**  
Centenario

**Well Type**  
Offshore, Exploratory

**Hole Size**  
12 1/4 in. x 16 in.

**Depth**

- In: 9,219 ft (2810 m)
- Out: 9,294 ft (2833 m)

**Products/Services**

- *RipTide* RFID Drilling Reamer
- *RipTide* RFID Stabilizer

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