

# **REAL RESULTS**

Dailey<sup>®</sup> Dual-Jar Scenario, JarPro Program, Successfully Free Drillstring in Deviated Well, Save Rig Time and Associated Costs

#### **Objectives**

- Provide an efficient method to select and place jarring tools and slinger, if the bottomhole assembly (BHA) becomes stuck during drilling.
- Free a drillstring that had repeatedly become stuck in a 15,000 ft (4,572 m) deviated horizontal well. The drillstring became stuck at 13,340 ft (4,066 m) while reaming upwards at 120 rpm and 625 gpm after packoff.

### Results

- Weatherford's *Dailey* jar placement program (JarPro) was run to help select the right jarring tool to optimize impact and impulse, if the BHA became stuck.
- The JarPro program and a dual-jar scenario were used to successfully release the stuck pipe after 2-1/2 hours of jarring.
- The string was packed off and again became stuck. The *Dailey* hydraulic drilling jar was actuated, and the drillpipe was successfully freed after an additional 2-1/2 hours of jarring.

## Value to Client

- Using Weatherford's JarPro program provided an efficient and cost-effective method to select and place jarring tools and accelerators, enabling the operator to maintain its drilling schedule.
- Weatherford's dual-hydraulic drilling jar and accelerator combination enabled the operator to free the stuck drillpipe twice in a highly deviated well, saving rig time and associated costs.





Weatherford's JarPro program was used to select the right dual-jar and accelerator combination to successfully free a stuck BHA in a highly deviated offshore well.

Location Aberdeen, Scotland

**Type of Well** Offshore, horizontal

Hole Size 8-1/2 in.

Well Depth 15,695 ft (4,783 m) TD

Inclination 84°

#### Products/Services

- JarPro program
- · Dailey hydraulic drilling jars
- Drilling tools

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