



# Weatherford®

## REAL RESULTS

### Dailey® Dual-Jar Configuration, JarPro Program Free Drillstring in Horizontal Well, Save Rig Time and Costs

#### Objectives

- Provide an efficient method to select and place jarring tools and a slinger should the bottomhole assembly (BHA) become stuck during drilling.
- Free a differentially stuck drillstring in a 15,856-ft (4,833-m) deviated well. The drillstring had become stuck at 14,107 ft (4,300 m) when losses occurred even after spotting five lost-circulation pills.

#### Results

- Weatherford ran the Dailey JarPro jar placement program to help select the right jarring tool for optimized impact and impulse if the BHA became stuck.
- After the BHA became stuck in the first well drilled, the JarPro program and the dual-jar configuration enabled the release of stuck pipe after 11 hours of jarring.

#### Value to Client

- The Weatherford JarPro program provided an efficient and cost-effective method to select and place jarring tools and accelerators, which enabled the operator to maintain the drilling schedule.
- The Dailey dual-hydraulic drilling jar combination freed the stuck drillpipe in a highly deviated well, which saved rig time and associated costs.



Weatherford uses stress-wave analysis to help examine or optimize the location of the jar in the drillstring or fishing assembly.

**Client**  
OMV–Pakistan

**Location**  
Pakistan

**Well Type**  
Onshore, horizontal

**Well Depth**  
15,856-ft (4,833-m) measured depth

**Inclination**  
90°

**Products/Services**

- JarPro program
- Dailey hydraulic drilling jars

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