

Weatherford Plug & Abandonment Solution

Saves Operator USD 6.7 Million on Hurricane-Damaged Platform

Objectives

- Complete intervention and plug-and-abandonment operations on 10 live, producing wells on a hurricane-damaged platform that was listing approximately 15° in the Gulf of Mexico [GOM].

Our Approach

- As part of a plug & abandonment solution, Weatherford developed a compact, portable, and modular pulling-and-jacking unit equipped with an innovative, self-clamping skidding system that enabled the operator to easily transfer the unit from one well to another.
- The pulling-and-jacking unit, capable of 100,000 lbf [45,359 kgf] pulling force and 500,000 lb-ft [226,796 kg-m] jacking force, was placed on a wedge deck to gain full access to the wells and served as the foundation for all operations.
- The operator recovered approximately 32,000 ft [9,753 m] of various sizes of tubing and casing.
- Weatherford equipment and personnel stayed on location 299 days and accrued 49,476 hr of operation without any recordable injuries or environmental incidents.

Value to Customer

The Weatherford plug & abandonment solution:

- prevented the operator from incurring any drilling-rig operational costs
- alleviated the operator from using its own resources to develop an alternative method to address the damaged platform
- enabled the operator to continue working in high-wind conditions, where cranes are typically shut down, significantly reducing potential nonproductive time
- enabled the operator to complete the work 2 months ahead of schedule and save approximately USD 6.7 million in operating costs



The Weatherford pulling-and-jacking unit situated on the wedge deck during decommissioning operations at the wellsite in the Gulf of Mexico.

LOCATION

Gulf of Mexico, USA

WELL TYPE

Offshore, production platform

WELL DEPTH

12,476 ft [3,083 m]

PRODUCTS/SERVICES

- Decommissioning services
- E-line/slickline
- Cementing products
- Pulling-and-jacking unit
- Tubular running services
- Dual-drum wireline unit
- E-line downhole services
- Double-drill boring machine
- Hydraulic multistring cutting saw
- Certified blowout preventers and drillpipe

