

REDUCING COMPLEXITY AND CONTRACTOR INTERFACES

Integrated deepwater decommissioning at Hoover-Diana in US Gulf of Mexico



The Challenge

Hoover-Diana, 160 miles south of Galveston, Texas, was a groundbreaking deepwater project launched in 2000, featuring one of the first floating production deep draft caisson vessels at record subsea depths. After two decades, the asset reached end of life, requiring a complex, fully integrated decommissioning campaign in a highly regulated offshore environment.

ExxonMobil needed a single-source partner to deliver full flowline decommissioning with minimal risk, maximum efficiency, and strict environmental compliance. Beyond depth and remoteness, success demanded seamless execution across multiple service lines. With Gulf of Mexico assets nearing retirement, the industry seeks a replicable model balancing safety, performance, and cost.

The Solution

EnerMech was chosen after a competitive tender, building on its proven track record and integrated service model. From early engagement, the team worked closely with ExxonMobil to design a tailored methodology, coordinated from Houston and supported by Gulf and Guyana specialists.

The scope covered pipeline pigging and flushing, umbilical cleaning, nitrogen purging, coiled tubing operations, chemical cleaning, filtration, and pressure pumping – all delivered under a single contract. By sequencing tasks to run in parallel, EnerMech reduced project time and offshore exposure while ensuring compliance and operational integrity.

This collaborative approach demonstrated the value of integration and technical depth in complex campaigns.

The Outcome

EnerMech completed the Hoover-Diana flowline decommissioning safely, on time, and within budget. The project set a benchmark for deepwater decommissioning in the Gulf of Mexico, proving that a single-source provider can deliver multiple services concurrently with efficiency and precision.

Risk was minimized through streamlined interfaces, while safety was enhanced by leveraging US-based teams familiar with Gulf operations and regulations.

The success created a replicable model for future campaigns in both the Gulf and emerging offshore markets like Guyana, reinforcing EnerMech's position as a trusted partner for integrated, end-of-life asset management in a rapidly evolving decommissioning landscape.

CLIENT
ExxonMobil

YEAR
2025

BUSINESS LINE
Energy Solutions

Over 10 services managed under one contract, reducing complexity and contractor interfaces

Key Highlights

- Simultaneous operations:** Tailored sequencing enabled multiple scopes to run in parallel, cutting project time.
- Zero incidents:** All milestones achieved safely, on time, and within budget.
- Integrated methodology:** Custom approach developed in collaboration with ExxonMobil, leveraging EnerMech's global experience.
- Regulatory compliance:** Chemical cleaning and filtration ensured discharge standards were met.
- Local execution:** US-based teams ensured rapid response and deep familiarity with Gulf of Mexico regulations.
- Scalable model:** Created a replicable blueprint for future decommissioning in the GoM and emerging markets like Guyana.