

SHELL APPOMATTOX PROJECT GULF OF MEXICO



Successfully dewatered 55-mile Appomattox Gas Export pipeline, providing a 10,000scfm high pressure dewatering spread deployed on a 310 class supply vessel. Delivered largest nitrogen spread to be deployed in the GoM. Collaborated closely with Shell, Williams, BP during the planning phase to ensure safe and efficient operations

Client: Shell

Year: 2018 - 2019

Product/Service:
Project Management,
Engineering of Pre-Commissioning, pigging and hydro-testing

Scope of work

EnerMech provided project management services and engineering of pre-commissioning services for the Appomattox Pre-Commissioning Project

Pigging and Hydro-testing of infield flowlines and risers

Free-flooding, Hydro-testing and pigging of 24" oil export pipeline

Free-flooding, Hydro-testing, pigging, and dewatering of 16" gas export pipeline

Project Delivery

EnerMech successfully dewatered the 55-mile Appomattox Gas Export pipeline, providing a 10,000scfm high pressure dewatering spread deployed on a 310 class supply vessel. In doing so, EnerMech delivered the largest nitrogen spread that had ever been deployed in the Gulf of Mexico.

Remote Flooding Console used to free flood the export pipelines at exceptionally high flowrates and pressures.

The EnerMech project management and engineering team effectively navigated an ever-changing, seven month offshore campaign by providing a detailed project schedule with daily updates.

The EnerMech team collaborated closely with Shell, Williams, BP, and others during the planning phase to ensure safe and efficient operations.

Key Benefits

Performed 19 different operations, delivered over 18,000 man-hours incident free.

Provided a single source Multi-Disciplined team resulting in cost effectiveness

36 personnel offshore simultaneously across 5 locations and 4 unique work scopes

Engineering design with 3D modelling minimized cost and shortened design cycle

Quickly resolved multiple challenges as they arose