

PEMEX



LOCATION Gulf of Mexico – Offshore



PROJECT DESCRIPTION

Drakken personnel provided project and construction management support for the FPSO ECOIII. The ECOIII was a DP2 designated well test service vessel (WTSV) destined for operation in Pemex's operating fields offshore Campeche, Mexico. The converted vessel was added to an existing fleet of support vessels, operated by Maritima Ecologia S.A. (Marecsa) under contract to Pemex. Pemex's offshore operations produce in excess of 2M barrels of crude per day.

The process topsides aboard the vessel had to be multi-functional with the ability to not only receive drilling formation fluids and HCl acid for cleanup, dilution and subsequent disposal, but also process testing and measurement of gas (sweet and sour), oil ranging from 10° to 45° API, the associated produced water, and handling formation sediments (solids) at various flowing conditions.

A similar vessel was constructed in 2003, and demonstrated the feasibility of a dynamic well test service vessel in Pemex's operating field. Drakken personnel played a key role in the fabrication of the vessel topsides, managing all mechanical, process and electrical instrumentation and automation for the project. This turnkey project included project management, design, procurement, fabrication, field construction and commissioning services.

The purchase order value for the scope of Drakken personnel management on the project was over \$25M.

PROJECT HIGHLIGHTS

PROJECT VALUE	\$29,000,000 USD
PROJECT TIMELINE	18 months
TYPE OF EQUIPMENT	Oil Production Topsides
PRODUCTION CAPACITY	20,000 BPD
SCHEDULE	Delivered on schedule
SAFETY	No lost time accidents