

# PROJECT PROFILE

## OVADE-OGHAREFE

### GAS-PROCESSING PLANT



Client: PAN OCEAN | Location: NIGERIA

Audubon was contracted by Pan Ocean to provide [detailed engineering and design](#), [project management](#), [procurement](#), and [commissioning and startup](#) for the [Ovade-Ogharefe gas-processing plant](#) in West Africa. For this greenfield project, the exploration and production company prioritized efficient operations and environmental awareness to harness its natural gas resources.

The gas-processing plant was designed to handle 130 MMSCFD of natural gas, with a 12,000-BPD condensate stabilization unit and 13 engine-driven reciprocating compressor units for a combined total of 45,000 HP. Plant utilities comprised flare, drain, instrument air, [control system](#), firewater system, and associated plant infrastructure. All modular processing units were [fabricated](#) in the US and shipped to the site for installation.

Utilizing Audubon's comprehensive engineering services for Ovade-Ogharefe, Pan Ocean furthered its pursuit to efficiently produce natural gas in the underdeveloped Nigerian market.

#### Project Overview

- Greenfield gas-processing plant
- 130 MMSCFD of natural gas
- 12,000-BPD condensate stabilization unit
- 13 engine-driven reciprocating compressor units for 45,000 HP
- Refrigerated Joule-Thomson (JT) dew-point control

#### Scope of Work

- Project management
- Procurement support
- Detailed engineering & design
- Modular fabrication
- Automation & control
- Construction management
- Inspection
- Commissioning & startup

