



OML 83 & 85 Development Project

First E & P Nigeria Limited

Ariosh completed the Front End Engineering Design (FEED) of OML 83 & 85 Field Development using integrated engineering solution. OML 83 (Anyala) and OML 85 (Madu) oilfields are located offshore of the Niger Delta coast of Bayelsa State. The proposed development for the Anyala and Madu project comprises of four (4) Conductor Supported Platforms (CSPs) within the fields with a total of 20 wells. Phase 1 of the project involved development of both Anyala West (ANDP1) and Madu (MADP1) oil reservoirs. Production fluid will be offloaded to a spread moored FPSO. The project is expected to deliver a production capacity of 50,000 bopd. First oil is forecasted for Q1 2019. The scope of work was FEED for two (2) Conductor Supported Platforms (CSPs) with sufficient details to support procurement of Long Lead Items and enable Company proceed with EPCI.

Each of the CSPs consists of the following:

- Gathering Manifold and Gas lift/Gas Injection Manifold
- Import and Export Riser; Power and Control Umbilical
- Chemical Injection System and Pig Launcher;
- Control Room and Emergency Personnel Refuge
- Process Control and Integrated Safety System
- CCTV and Intruder Detection System
- 10 mT Crane

Flowlines and Jumpers

- 10 inch 22km export Flowline from Madu to FPSO
- 10 inch 22km Gaslift/Gas injection Import pipeline from FPSO to Madu
- 2 Nos 12 inch export jumpers for LP & HP from Anyala to FPSO
- 6inch test jumper from Anyala to FPSO
- Power and control umbilical Interface with FPSO

Services

Front End Engineering Design

Facilities

- ANDP1: 50.7m water depth
- MADP1: 28.7m water depth
- One FPSO;

Location

Nigeria, West Africa

Safety Record

Zero LTI, Zero MTI

Status

Completed Q1 2018

