



Makaraba Gas Development

Chevron Nigeria Limited (CNL)

Ariosh completed the Front End Engineering Design (FEED) and Detailed Engineering Design (DED) of Makaraba Gas Development using integrated engineering solution.

The existing Makaraba flow station is located in OML 49 of the western Niger Delta with a production capacity of 30bopd. The project is expected to deliver a production capacity of 50 MMSCFD. First Gas production was achieved in 2018.

The scope of work included FEED and Detailed Engineering Design for the following new facilities:

- A wellhead platform for one NAG well with pigging facility
- 1.5km HP flowline from wellhead platform to Makaraba Flow Station
- Platform extension to contain:
 - i. New NAG Separator
 - ii. New Bulk Manifold
 - iii. New Pig Receiver
 - iv. New Chemical Injection Pumps
 - v. New Custody Transfer Unit
- Upgrade to Electronic control system
- Replacement of existing flare tip

Services

Front End Engineering Design (FEED) & Detailed Engineering Design (DED)

Facilities

A new wellhead platform, 1.5km 8" HP flowline & NAG separator Platform

Location

Nigeria, West Africa

Total Man-hours

Over 12,000

Safety Record

Zero LTI, Zero MTI

Status

Completed Q4 2016

