

Total OFON

Phase 2

subsea 7



The OFON field is located in block OML 102, approximately 45km to the south-eastern coast of Nigeria.

The field, initially brought into production in 1997 is owned by the NNPC/EPNL joint venture and is operated by Elf Petroleum Nigeria Limited (EPNL).

The Phase 2 development essentially involves:

- Two new wellhead platforms - OFD3 and OFD5 - respectively located 5km north and 5km south from the central complex
- A new production platform, OFP2, to be installed bridge linked to the existing OFP1 platform to form a central complex gathering all the functions process and utilities: oil & gas treatment and export, power generation, water injection, gas lift, water treatment, etc.

Total OFON phase 2

Project

OFON Phase 2
Project

Client

Total E&P Nigeria
Limited

Location

Offshore West Africa

Water depth

32 - 45m

Project Type

EPCI / T&I

Date Awarded

15 September 2011

Date Completed

Q4 2014

Vessels Utilised

Seisranger
Seven Borealis
Rockwater 2
Simar Esperança

Overview

OFON Phase 2 Project's scope of work included the EPCI (engineering, procurement, construction and installation) of:

- 100km of sealines
- 1 x 12" gas export line of 70km
- 7 x 4" to 16" infield lines of 5km each
- 10km of electrical network

Work also included the T&I (transport and installation) of:

- 2 jackets
- 2 bridges

The key objectives of the OFON Phase 2 Project consist in stopping gas flaring on OFON and deliver gas to Bonny LNG plant via Amenam facilities, and in increasing the production from current 50,000 barrels of oil per day (bopd) to about 100,000 bopd.



Lifting bridge elements



Seven Borealis



Rockwater 2



Simar Esperança