

FASL Aje Field Development Project

Client

Folawiyo Aje Services Ltd.
(FASL)

Services

Project Management,
Engineering, Procurement,
Fabrication, Load out,
Transportation & Installation

Facilities

Aje Field

Man-hours

Safety Record

- Zero LTI

Status

Completed



Introduction

The Aje Field Development Project involved the tie back of two subsea wells to the existing Front Puffin Floating Production Storage and Offloading Vessel (FPSO) 3km away via a manifold located at the drill centre. Production is through an 8" flexible flowline/riser to a disconnectable Submerged Turret Production (STP) buoy.

Project Scope

Engineering: Detailed Engineering and Installation Engineering

Procurement: 8" Oil Production Flowline & Riser (3km); 4" Gas Lift Line & Riser (3km); 6" Umbilical (3km) (dynamic and riser) and ancillaries

Transportation and Installation: Loadout, sea fastening, offshore transportation and installation

Fabrication Scope

- FPSO wing decks and deck extensions for new equipment
- Structural Steel Fabrication
- Subsea under bender & overboarding chute

FPSO Topside Modification:

Chemical injection system upgrade - addition of gas lift supply lines (2), Tie-in 2 x 10" single flow-line loop;

Produced Water System upgrade: addition of a produced water discharge pump, a hydro-cyclone and an induced gas floatation separator;

Addition of two dead oil displacement pumps, and interconnection of existing hot oiling pumps/heat exchangers to the new production flow-lines

