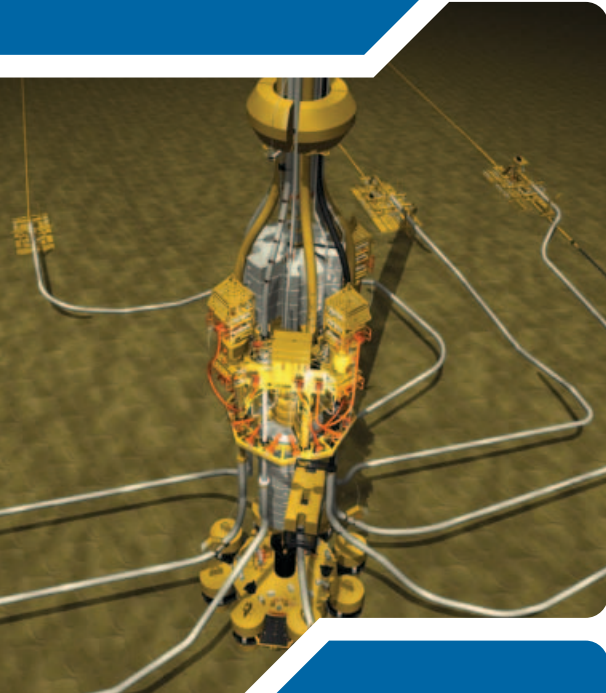


BP Greater Plutonio



Client:
BP

Location:
Block 18, Offshore Angola

Project Type:
SURF

Covering an area of 140km², BP Greater Plutonio is the largest project completed by Subsea 7* to date. The project involved extensive engineering, planning, operations management and onshore and offshore construction to ensure the project achieved first oil in 2007.

Our scope on the Greater Plutonio Project, located in Block 18, Angola covered water depths ranging from 1250m to 1500m and utilised our key assets including the *Acergy Polaris*, *Acergy Eagle* and *Acergy Falcon* to maximise project performance. We were able to improve the performance of this project using our innovative Hyperflow® Riser TowerSystem, which ensured total field seabed-to-surface production flow.

*Project carried out by Acergy prior to merger with Subsea 7.

BP Greater Plutonio

Project

BP Greater Plutonio

Client

BP

Location

Block 18, Offshore
Angola

Project Type

SURF

Date Completed

October 2007

Vessels/Spoolbases Utilised

Acergy Falcon
Acergy Polaris
Acergy Eagle

Overview

This EPIC contract included flowlines, umbilicals, riser system, manifolds, spools and well jumpers tied back to an FPSO, with a remote offloading system buoy. The flowline network on this project served a total of 43 wells connected to the FPSO via our innovative Hyperflow® Riser Tower System.

The rigid steel subsea pipelines were connected to the base of the riser tower by spool pieces and a total of 159km of umbilicals were utilised and installed by our vessels, the *Acergy Eagle* and *Acergy Falcon*.

In addition to our technical capabilities, we were able to demonstrate our commitment to local development, working with our local Joint Venture partner, Sonamet, on the fabrication of suction anchors, manifolds and spools totalling 23,869t and over two million local manhours.

Throughout the Project our teams maintained a constant focus on safety and achieved an excellent safety performance in a complex operation including a fleet of 30 vessels and a field size in excess of 140km².

Key Facts

- Total manhours: 7.3 billion
- Total fabrication manhours (Sonamet) >2 million
- Total weight of subsea structures installed: 37,000 tonnes
- Total number of tie-ins: 97 (exc. infield umbilicals)
- Total construction vessel days: 1628 days



Acergy Falcon



Acergy Polaris



Acergy Eagle



Riser tower bundle assembled at the Sonamet Yard in Lobito