

Bayu-Undan Operations and Maintenance Services

PROJECT DETAILS:

Location:	Timor Sea, Australia
Contract Value:	A\$25-50 million (annually)
Contract period:	June 2004 - November 2013 (ext. option to November 2015)
	Manhours - 2,730,952 LTIFR - 3.7 (As at October 2011)



photo courtesy of ConocoPhillips

CLIENT: ConocoPhillips Australia Pty Ltd

Scope of Work:

The Bayu-Undan offshore facilities consist of a floating storage and offloading facility (FSO) and three fixed platforms, a remote wellhead platform (WPI), and a compression, utilities and quarters platform (CUQ) and a drilling, production and processing platform (DPP). The latter two are located adjacent to each other and linked by an access bridge, forming the Central Production and Processing Complex (CPP).

The contract includes:

- Implementation engineering
- Work package preparation
- Planning
- Hazard assessment
- Offshore field services
- Shutdown services
- Management of specialist subcontractors

In addition, training and capability development in Timor Leste which will continue to build on the work Clough AMEC have already undertaken in the region.

Facilities:

The Bayu-Undan gas and condensate field, located in the Timor Sea, is estimated to hold over 400 million barrels of hydrocarbon liquids and 3.4 trillion cubic feet of gas.

The Bayu-Undan field has been developed in two phases. The first phase 'Gas Recycle Project', involves the production and processing of wet gas, the separation and storage of condensate, propane and butane, and the re-injection of dry natural gas back into the reservoir. The second phase incorporates a 500km x 26" diameter sub-sea gas pipeline from the field to Darwin and a 3MTPA LNG process plant at Wickham Point in Darwin, completed for first cargo in early 2006.

