

In 1999, Oceaneering was awarded a contract by Woodside Energy and its partners Apache Energy and Santos Limited, to provide a jackup mobile offshore production unit (MOPU) for installation on the Legendre development, approximately 100 kilometers offshore Dampier, Australia. Oceaneering converted the Marine 7 unit, a Bethlehem JV-375-TMS mat supported mobile offshore drilling unit (MODU), into the *Ocean Legend* MOPU.

For the conversion, Oceaneering performed all conceptual engineering, developed budgets and schedules, and specified and procured all topside equipment. Oceaneering also provided all project management including interface, quality assurance and HSE management programs.

In January 2001, the *Ocean Legend* was installed on location in water depths of 60m. Following drilling and completion of the wells, first oil was produced on May 17, 2001. The *Ocean Legend* can process up to 55,000 bopd that is transferred to a third party floating storage and offloading (FSO) tanker.

The *Ocean Legend* is wholly owned and operated by Oceaneering International, Inc.



Photo Courtesy of Woodside



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**Main Dimensions:**

Hull 59.1m x 35.0m  
 Three deck levels  
 Depth to main deck 6.1m  
 284 ft.

Leg Length:

**Process Systems:**

Crude Oil 55000 bopd  
 Gas Capacity 45 mmscfd  
 Produced Water Capacity 60,000 bpd  
 Produced Water Quality <50mg/l max. oil  
 <30mg/l avg. oil  
 Water Injection None  
 Gas Injection 40 mmscfd  
 Flare 200 ft., 30o fixed boom  
 45 mmscfd continuous  
 60 mmscfd intermittent  
 Product Export 2.5km x 10" pipeline to  
 CALM Buoy

**Power Systems:**

Dual Fuel Turbine Generators 2 x .9 MW  
 Diesel Generators 2 x 0.75 MW  
 Diesel Standby Generator 0.5 MW

**Laboratory Services:**

Equipment for oil and water analyses

**Accommodations:**

Designed for 32 persons  
 Normal complement 10 to 15 persons  
 Includes recreation rooms, laundry, medical room, gym  
 and offices

**Helideck:**

Constructed for Super Puma or smaller aircraft

**Lift Capacity:**

20T SWL Crane

**Classification:**

American Bureau of Shipping



Photo Courtesy of Woodside

