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## OIL & GAS DEVELOPMENTS

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### **Angel (Carnarvon Offshore Basin) - Gas and Condensate Field**

WOODSIDE ENERGY LTD

The Angel gas and condensate field, operated by Woodside as part of the North West Shelf Venture ("NWSV"), includes the NWSV's third fixed production platform, which will be remotely operated, three subsea production wells and a 50 km subsea pipeline which will link the new platform to the existing North Rankin production facility. Angel is expected to be fully operational by Q4 2008. The platform will be capable of processing 800 million standard cubic feet of gas a day and 50,000 bbl/d of condensate.

Expenditure: \$1.6b.

### **North West Shelf - Project Expansion - 5th LNG Train**

WOODSIDE ENERGY LTD

A final investment decision for the 4.4 Mt/a Train 5 expansion, with an associated second LNG loading jetty and extra processing facility support, was announced in June 2005. Site work started in Q3 2005. The project is expected to take about three years to complete, with commissioning due to start around mid-2008 and first LNG export cargoes planned for Q4 2008.

Expenditure: \$2.425b.

Employment: Construction: 1500; Operation: 20

### **Pyrenees Development (Carnarvon Offshore Basin) - Oil Fields**

BHP BILLITON PETROLEUM PTY LTD

In July 2007, BHPB Petroleum approved the Pyrenees oil development, located 45 km north of Exmouth. The development comprises the Crosby, Ravensworth and Stickle oil fields which have estimated recoverable oil reserves in the range of 80-120 million barrels. The project involves the development of 13 subsea wells connected via flowlines to a FPSO vessel, which will be capable of producing about 96,000 bbl/d of oil. First production is expected during the first half of 2010 and the estimated economic field life is 25 years.

Expenditure: \$2b.

### **Stybarrow (Carnarvon Offshore Basin) - Oil Field**

BHP BILLITON PETROLEUM PTY LTD

Located approximately 65 km northwest of Exmouth in 825 metres of water, Stybarrow is the deepest oil