

## 1. INTRODUCTION

### 1.1 OBJECTIVE AND STRUCTURE OF DOCUMENT

This document is a Public Environmental Report (PER) for a proposal to construct and operate a Liquefied Natural Gas (LNG) plant on Wickham Point near Darwin, Northern Territory (Figure 1.1) of up to 10 million tonnes per annum (MTPA) capacity. It builds on environmental assessment documents previously prepared in 1997 and approved in 1998 for the construction and operation of a proposed smaller 3 MTPA LNG facility at the same location. Construction of the original proposed facility was deferred after the assessment was completed due to global economic issues.

The PER is submitted by Phillips Petroleum Company Australia Pty Ltd to provide the Northern Territory Government, agencies of the Commonwealth of Australia, and the public with the information necessary to allow an informed appraisal of the environmental acceptability of the proposed project. Phillips Petroleum Company Australia Pty Ltd has been established to construct and operate the new LNG facility and replaces the original proponent of project, Phillips Oil Company Australia.

This PER has six sections structured generally in accordance with Northern Territory Department of Infrastructure, Planning and Environment (DIPE, formerly DLPE) Guidelines for the PER (which are presented in Appendix A):

- *Section 1* introduces the proponent and the proposed project, highlighting the primary changes to the previous environmental assessment for the proposed 3 MTPA LNG plant undertaken in 1997/'98. It also presents a brief description of the environmental assessment requirements for the Northern Territory and Commonwealth Governments, and introduces the scope of works undertaken for the PER.
- *Section 2* describes the project, including its major components and their construction and operation phases, and identifies the changes from the project description previously outlined in the original Draft EIS (1997) and Supplement of 1998.
- *Section 3* describes the physical, biological, cultural and socio-economic environment in which the project will operate.
- *Section 4* analyses the potential and anticipated environmental effects of the proposed expansion, including a revised risk assessment analysis for the expanded plant design. Its principal focus is to discuss those aspects of the LNG project which have changed since the original 3 MTPA LNG assessment was completed.

- *Section 5* outlines the environmental management programme proposed for the expanded project, and builds on the preliminary environmental management commitments made by the proponent in the previous assessment of the smaller plant.
- *Section 6* acknowledges sources of information used in the development of the PER, the published literature and reports referred to in the text, and presents a glossary of technical terms used in the PER.

Technical appendices, which provide detailed information on impact assessment studies undertaken to address the effects of the proposed expansion, are included in this report.

### 1.2 THE PROPONENT

Phillips Petroleum Company is an integrated petroleum company with interests around the world. Headquartered in Bartlesville, Oklahoma, the company had 38,600 employees, \$35.4 billion of assets and \$22.5 billion of annualized revenues at September 30, 2001. A description of the company as contained in its most recent "Quarterly Fact Sheet" and additional information can be found at :

<http://www.phillips66.com/about/brief.pdf>.

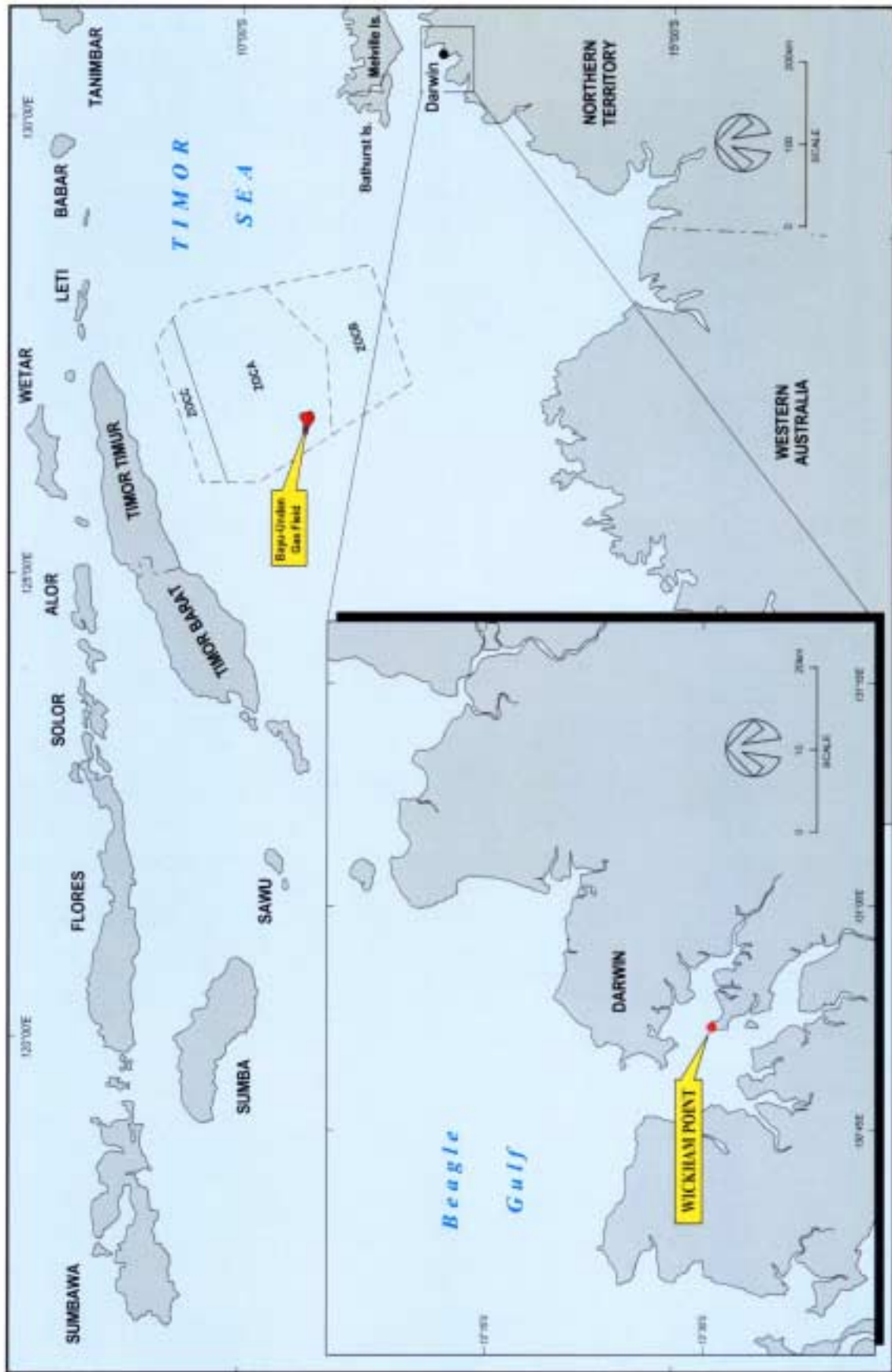
On September 14 2001, the company closed its acquisition of Tosco Corporation, positioning Phillips as a leading petroleum refining and marketing competitor in the United States.

The company operates in a range of countries worldwide, undertaking the following core activities:

- petroleum exploration and production on a worldwide scale;
- natural gas gathering, processing and marketing in the USA;
- petroleum refining, marketing and transportation primarily in the USA;
- chemicals and plastics production and distribution worldwide; and
- technology development and licensing worldwide.

Phillips Petroleum Company has a strong exploration and production (E&P) group that contributes to Phillips' integrated strengths by exploring for and producing oil, natural gas and natural gas liquids (NGL) on a worldwide scale.

As the company's largest segment, E&P had assets of US\$14 billion at December 31 2000, and conducted exploration in 14 countries, producing in nine: the United States, the Norwegian, Danish and U.K. sectors



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Phillips Petroleum Company Australia Pty Ltd  
 10MTPA LNG PLANT AT WICKHAM POINT - PER

**LOCATION PLAN**

**Figure 1.1**

