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Petroleum Development

20 SEP 2006

**Data Management Plan for VIC/P37(v)  
Offshore Otway Basin  
Australia**

Prepared by: Andrew Constantine, Staff Geologist, Origin Energy

September 2006

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Signed for and on behalf of  
Origin Energy Resources Ltd  
Woodside Energy Ltd

By Origin Energy Resources Ltd

Per:

  
.....

Dr A. Constantine  
Staff Geologist  
Offshore Australia Exploration Team  
Origin Energy Resources Ltd

Date: 18/9/2006

Version: 1.0

Designated Authority acceptance: .....

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## 1.0 GENERAL INFORMATION

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**PERMIT:** VIC/P37(v)  
**AREA:** 493 km<sup>2</sup> (21 graticular blocks)  
**STATE:** Victoria  
**BASIN:** Otway Basin (offshore)  
**AWARDED:** 17 April 2003  
**EXPIRY DATE:** 16 April 2009  
**OPERATOR:** Origin Energy Resources Ltd  
ABN 007 845 338  
GPO Box 148  
Brisbane QLD 4001  
**ACT:** *Victorian State Petroleum (Submerged Lands) Act 1984 (State)*

This data management plan is compiled and submitted by Origin Energy Resources Ltd, as operator of VIC/P37(v), on behalf of the VIC/P37(v) Joint Venture. The Joint Venture participants (JVP) are shown in Table 1.

Name	Interest Holder %	Description
Origin Energy Resources Ltd.	37.5%	JVP and Operator
Woodside Energy Ltd	62.5%	JVP

Table 1: VIC/P37(v) Joint Venture Partners

## 2.0 SPECIFIC REQUIREMENTS OF DMP PER VICTORIAN STATE SCHEDULE 4

Item	Regulatory Provisions	Application to this DMP
101	Description of: <ol style="list-style-type: none"> <li>a. each activity to which DMP relates;</li> <li>b. each location where activity will be carried out.</li> </ol>	This DMP is designed to be a "cradle to grave" plan for all foreseeable activities to be undertaken within the title area. However, if the Guidelines for reporting and submission of petroleum data are updated then this DMP will be revised. For other activities not covered in detail in this plan (or in the DMP Guidelines) the company responsible for the data shall specifically detail information on that activity, as it arises. Should a change in title type or Guidelines occur, the company shall review this DMP and resubmit a DMP for approval.
102	Description of reports & information, relevant to the activity, that will be made and kept.	As detailed throughout this document, relating to the specific activity.
103	Explanation of: <ol style="list-style-type: none"> <li>a. data to be given to the Designated Authority without request by the Designated Authority;</li> <li>b. information to be kept.</li> </ol>	<ol style="list-style-type: none"> <li>a. Data to be submitted - refer to body of document, as pertinent to the associated activity.</li> <li>b. Data withheld - refer to body of document, as pertinent to the associated activity.</li> </ol>
104	Description of media and formats for information, cores, cuttings or samples held.	The information and reports will be submitted in the format and on the media outlined in within the body of the document, as pertinent to the associated activity.
105	Explanation of how media and formats in item 104: <ol style="list-style-type: none"> <li>a. are appropriate for type &amp; volume of data collected;</li> <li>b. comply with Designated Authority requirements;</li> <li>c. comply with good industry practice.</li> </ol>	Data medias and formats are described within the body of the document and these all comply with the P(SL)A Guidelines for Data Submission version 5 (the Guidelines) in respect of the <i>Victorian State Petroleum (Submerged Lands) (Data Management) Regulations 2004 (State) (the Regulations)</i> .
106	Undertake to allow access to data that is publicly available and explain how access will be allowed	The operator acknowledges that, upon notification by the Designated Authority, it will allow reasonable access to any publicly available information or samples under its control.
107	Describe arrangements that ensure information is preserved according to good archive practice.	Data preservation will be ensured via contracts covering data services in addition to in-house data management practice.
108	Issue a statement that reports & information will be given according to: <ol style="list-style-type: none"> <li>a. the timetable outlined in Part 2 of the Schedule; or</li> <li>b. a timetable proposed in the DMP.</li> </ol>	The timing of submission of data that will be made/collected during the period of the DMP is outlined within the body of the document, as pertinent to the associated activity.
109	Summary of: <ol style="list-style-type: none"> <li>a. data management performance objectives against which performance will be measured; &amp;</li> <li>b. measurement criteria that define the objectives.</li> </ol>	Data and reports will be submitted on time and in accordance with Guidelines (see item 105). Archival and Environment conditions will comply with the Guidelines (see item 105).

Item	Regulatory Provisions	Application to this DMP
110	Explain how the measurement criteria will confirm that the performance objectives have been met.	Submissions timetable will be monitored in-house. Storage handling conditions will be controlled via contracts for data services.
111	Summary of arrangements for: <ul style="list-style-type: none"> <li>a. secure storage of documents and records at a nominated address</li> <li>b. maintenance of documents and records in a way that makes retrieval of documents etc practicable.</li> </ul>	Information and reports will be stored at the nominated address in a secure data storage room prior to being submitted to the Designated Authority as per timetable above. The storage of data will meet the good digital archival principles as set out in the "Guidelines for reporting and submission of petroleum data" and recommended by the Australian Archives.
112	Acknowledge responsibility for collection, storage, and submission of information, cores, cuttings & samples obtained until all have been submitted to the Designated Authority.	The Operator acknowledges responsibility for collection, storage, and submission of information, cores, cuttings & samples obtained until all have been submitted to the Designated Authority.
113	Any other information that is necessary to demonstrate that the DMP complies with the Regulations.	As required, for specific instances.

### 3.1 2D Seismic Acquisition & Processing

This DMP does not include any arrangements for the submission of data acquired during the acquisition and processing of 2D seismic. Any 2D data acquired in the title area will be subject to a separate DMP.

### 3.2 3D Seismic Acquisition & Processing

This DMP does not include any arrangements for the submission of data acquired during the acquisition and processing of 3D seismic. Any 3D data acquired in the title area will be subject to a separate DMP.

### 3.3 2D & 3D Seismic Reprocessing

This DMP does not include any arrangements for the submission of data acquired during the reprocessing of 2D and/or 3D seismic. Any reprocessing of seismic data in the title area will be subject to a separate DMP.

### 3.4 Geophysical Surveys

This DMP does not include any arrangements for the submission of Geophysical Data. Any geophysical surveys in the title area will be subject to a separate DMP.

### 3.5 Geological and Geochemical Studies

All geological and geochemical data acquired by the Operator during its title work commitments will be submitted to the Designated Authority within 6 months of the end of the Title Year in which the data was acquired. These data will be submitted to the Designated Authority in the format shown in Table 2 of Section 4.

### 3.6 Wells

This DMP does not include any arrangements for the submission of Well Data. Any wells drilled in the title area will be subject to a separate DMP.

### 3.7 Work Commitment Studies and Data Reviews

All studies or data reviews undertaken by Operator to satisfy the title work commitments will be submitted to the Designated Authority within 6 months of the end of the Title Year in which the study or review was completed. One copy of each study / data review will be submitted to the Designated Authority in the format shown in Table 3 of Section 4.

### 3.8 Reporting

#### *Annual Report*

One digital copy of the Annual Report will be submitted to the Designated Authority by email no later than one month after the period to which the report covers. The Annual Report will include the following information:

- A description of exploration carried out
- Any conclusions derived from the exploration
- A list of reports that have been submitted during the year
- An outline of planned operations for the next year
- Any updated interpretation maps (if appropriate/applicable), and
- A summary of exploration expenditure for the year

#### *Quarterly Report*

One digital copy of the Quarterly Report will be submitted to the Designated Authority by email no later than one month after the period to which the report refers.

Each Quarterly Report will contain the following information:

- A description of all exploration carried out during the quarter
- An outline of any geological & geophysical interpretations made as a result of the exploration, including any reprocessing or re-interpretation of basic data
- A list of reports that have been submitted during the quarter
- An estimate of exploration expenditure for the quarter, and
- Any other information required by the accepted Designated Authority

No report will be submitted for the fourth quarter if relevant information is included in the Annual Report as per Schedule 4, Part 2, Item 205.



#### 4.0 DATA SUBMISSION AND REPORTING TABLES

Supplementary text in BLUE in the 'Remarks' column details when data was sent to, or received by, DPI (Department of Primary Industries).

Data to be submitted (if acquired)	Copy required by States/Territory	Copy required by Commonwealth	Format	Media	Data due date	Remarks
Reports and data from investigation, analysis, etc of cuttings or cores including PVT reports, Petrophysical reports, biostratigraphic reports.	1 copy	No	Report: PDF Data: ASCII		Six months after borrowing of material	Five thin sections from Flaxmans-1 sent to G. Torr on 1/6/06 (Transmittal #3574). Digital photomicrographs of Flaxman-1 thin sections sent to G. Torr 7/1/05 (Transmittal #2944). No report prepared.
Annual report for exported samples for analyses	1 copy	No	Report: PDF Data: ASCII		Annually from date of export	Required if cuttings and cores are retained overseas for more than twelve months after the approval from the Designated Authority.

Table 2 - Data Submission and Reporting Table for Geological and Geochemical Studies

Data to be submitted	Copy required by States/Territory	Copy required by Commonwealth	Format	Media	Data due date	Remarks
Final Report	1 copy	No	PDF, Word	CD-ROM or DVD	Six months after completion of the Permit Year in which the study was completed	
Digital data (eg. maps, well correlations, photos, analytical data)	1 copy	No	PDF, TIFF, JPEG, CoreDraw, Excel	CD-ROM or DVD	Six months after completion of the Permit Year in which the study was completed	

Table 3 - Data Submission and Reporting Table for Work Commitment Studies and Data Reviews

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